



PRODUCT CATALOGUE

087 701 1071 - sales@brontechsa.co.za

A Proud Authorised Distributor of

**TAURUS**[®]





ARC EQUIPMENT & ACCESSORIES



TAURUS HOTBOX

Portable Hotboxes are convenient containers for keeping up to 450mm long welding electrodes dry at constant or variable temperature. The portability of (220V, single phase charged) hotboxes render them ideal for site work.

D-5 PORTABLE ELECTRODE HOTBOX

- Suitable for drying up to 5kg welding electrodes
- Single Phase, 220V
- Portable
- Non-adjustable temperature control



D-5 PORTABLE ELECTRODE HOTBOX

- Suitable for drying up to 10kg welding electrodes
- Single phase, 220V
- Portable
- Adjustable, stepless temperature control ranging from 50 to 300°C



PRODUCT CODE	DESCRIPTION	WEIGHT - CAPACITY	MAXIMUM ELECTRODE LENGTH
D-5	HOTBOX ELECTRODE DRYER - 5KG	5kg	450mm
D-10	HOTBOX ELECTRODE DRYER - 10KG	10kg	450mm

TAURUS CABLE LUGS & WELDING CABLE

PVC WELDING CABLE

Cables are high-current conductors leading from the power source to the workpiece and consist of many thin strands of copper wire, bonded and compressed into water and oil resistant, double coated flexible PVC or rubber sheaths.

Different welding processes require specific welding cables and are, therefore, colour coated for easy recognition of each cable's amperage rating



CABLE LUG

Taurus cable lugs are made from high-quality chromed copper and are available in various sizes with different hole diameters on the bolt and the cable side.



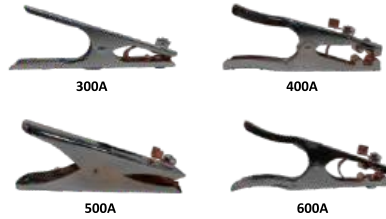
Once the cable is fitted, the lug needs to be crimped in order to securely hold the cable in place.

PRODUCT CODE	DESCRIPTION	AMPERAGE	CABLE SIZE
GERMAN TYPE			
CL16MM	COPPER CABLE LUGS - 16X10MM	USE WITH GREEN CABLE	16 mm ²
CL25MM	COPPER CABLE LUGS - 25X10MM	USE WITH BLUE CABLE	25 mm ²
CL35MM	COPPER CABLE LUGS - 35X10MM	USE WITH GREY CABLE	35 mm ²
CL50MM	COPPER CABLE LUGS - 50X12MM	USE WITH RED CABLE	50 mm ²
CL70MM	COPPER CABLE LUGS - 70X12MM	USE WITH BROWN CABLE	70 mm ²
CL95MM	COPPER CABLE LUGS - 95X12MM	USE WITH YELLOW CABLE	95 mm ²
SAMPSON TYPE			
WC16GN	PVC WELDING CABLE - 16MM GREEN	155A @ 60%	16 mm ²
WC25B	PVC WELDING CABLE - 25MM BLUE	205A @ 60%	25 mm ²
WC25BLK	RUBBER WELDING CABLE - 25MM BLACK	205A @ 60%	25 mm ²
WC35GY	PVC WELDING CABLE - 35MM GREY	260A @ 60%	35 mm ²
WC50R	PVC WELDING CABLE - 50MM RED	330A @ 60%	50 mm ²
WC70BR	PVC WELDING CABLE - 70MM BROWN	410A @ 60%	70 mm ²
WC95Y	PVC WELDING CABLE - 95MM YELLOW	480A @ 60%	95 mm ²

TAURUS EARTH CLAMPS

CROCODILE TYPE

The Taurus crocodile-type earth clamp has a spring loaded mechanism allowing a secure connection to the workpiece.



SCREW TYPE

The Taurus heavy-duty earth clamp has a screw-type mechanism allowing a secure connection to the workpiece.



PRODUCT CODE	DESCRIPTION	AMPERAGE	CLAMP TYPE
CROCODILE TYPE			
EC300	TAURUS EARTH CLAMP CROC TYPE - 300A	300A	CROCODILE
EC400	TAURUS EARTH CLAMP CROC TYPE - 400A	400A	CROCODILE
EC500	TAURUS EARTH CLAMP CROC TYPE - 500A	500A	CROCODILE
EC600	TAURUS EARTH CLAMP CROC TYPE - 600A	600A	CROCODILE
SCREW TYPE			
ECSTD60	TAURUS EARTH CLAMP SCREW TYPE - 600A	600A	SCREW

TAURUS ELECTRODE HOLDER - OPEN JAW TYPE



GERMAN TYPE

Manufactured from heavy duty thermal insulating materials, the extremely tough Taurus German electrode holder has a strong electrode grip as well as high-tensile and heat insulated handles.



SAMSON TYPE

The open-headed, jaw-type Taurus Samson electrode holder is in the classic electrode design and made from re-inforced glass-fiber plastic. All Samson electrode holders are fully insulated.



KD TYPE

The jaw-type Taurus KD electrode holder is reliable and durable, providing a secure and stable grip on the welding electrodes.

PRODUCT CODE	DESCRIPTION	AMPERAGE	JAW TYPE
GERMAN TYPE			
WF-E3000	TAURUS ELECTRODE HOLDER GERMAN - 300A	300A	OPEN JAW
WF-E3001	TAURUS ELECTRODE HOLDER GERMAN - 400A	400A	OPEN JAW
WF-E3002	TAURUS ELECTRODE HOLDER GERMAN - 500A	500A	OPEN JAW
WF-E3003	TAURUS ELECTRODE HOLDER GERMAN - 600A	600A	OPEN JAW
SAMPSON TYPE			
EHSM300	TAURUS ELECTRODE HOLDER SAMPSON - 300A	300A	OPEN JAW
EHSM500	TAURUS ELECTRODE HOLDER SAMPSON - 500A	500A	OPEN JAW
KD TYPE			
KD300	TAURUS ELECTRODE HOLDER SAMPSON - 300A	300A	OPEN JAW
KD500	TAURUS ELECTRODE HOLDER SAMPSON - 500A	500A	OPEN JAW

TAURUS ELECTRODE HOLDER - COLLET JAW TYPE

TWISTLOCK TYPE

The Taurus twistlock electrode holder is designed for heavy duty use and is constructed from high-quality material. The electrodes are securely clamped using a twisting handle motion with screw down action ensuring maximum current flow.



OPTIMUS TYPE

The Taurus Optimus electrode holder, also known as a collet-type electrode holder, has a closed insulated head allowing the electrode to be fitted either vertically or horizontally. The ribbed handle allows for a sturdy grip and this electrode holder is designed for overhead welding. This industrial electrode holder is suitable for continued, everyday use. The jaw design allows for rapid electrode replacement.



PRODUCT CODE	DESCRIPTION	AMPERAGE	CLAMP TYPE
TWISTLOCK TYPE			
EHSS40	TAURUS ELECTRODE HOLDER TWISTLOCK - 300A	300A	COLLET JAW
EHTL600	TAURUS ELECTRODE HOLDER TWISTLOCK - 600A	600A	COLLET JAW
OPTIMUS TYPE			
EHOPT300	TAURUS ELECTRODE HOLDER OPTIMUS - 300A	600A	COLLET JAW
EHOPT400	TAURUS ELECTRODE HOLDER OPTIMUS - 400A	600A	COLLET JAW
EHOPT600	TAURUS ELECTRODE HOLDER OPTIMUS - 600A	600A	COLLET JAW

TAURUS CABLE PLUGS & SOCKETS

FEMALE CABLE SOCKET

Taurus female sockets connect to male cable connector plugs joining two welding cable sections.



FEMALE MACHINE SOCKET

The Taurus female machine socket is mounted on the welding machine. The male cable connector plug fits into this socket.



ONE-PIECE TIG TORCH CONNECTOR

Taurus one-piece torch adaptor is designed to deliver maximum performance and reliability. Adaptor is used to connect a one-piece torch to a TIG machine



MALE CABLE CONNECTOR PLUG

Taurus male connector plugs are usually fitted at the end of welding cables. They connect to female cable sockets or to female machine sockets.



PRODUCT CODE	DESCRIPTION	AMPERAGE	CABLE SIZE
FEMALE MACHINE SOCKET			
CX0030	FEMALE MACHINE SOCKET (10-25MM ²)	± 200A	10 - 25 mm ²
CX0058	FEMALE MACHINE SOCKET (35-50MM ²)	± 250A	35 - 50 mm ²
CX0058-70MM	FEMALE MACHINE SOCKET (50-70MM ²)	± 350A	50 - 70 mm ²
CX0058-90MM	FEMALE MACHINE SOCKET (70-90MM ²)	± 500A	70 - 90 mm ²
MALE CABLE CONNECTOR			
Cx0020	MALE CABLE CONNECTOR PLUG (10-25MM ²)	± 200A	10 - 25 mm ²
Cx0022	MALE CABLE CONNECTOR PLUG (35-50MM ²)	± 250A	35 - 50 mm ²
CX0022-70MM	MALE CABLE CONNECTOR PLUG (50-70MM ²)	± 350A	50 - 70 mm ²
FEMALE CABLE SOCKET			
CX0040	FEMALE CABLE SOCKET (10-25MM ²)	± 200A	10 - 25 mm ²
CX0042	FEMALE CABLE SOCKET (35-50MM ²)	± 250A	35 - 50 mm ²
Cx0042 -70MM	FEMALE CABLE SOCKET (50-70MM ²)	± 350A	50 - 70 mm ²
ONE-PIECE TIG TORCH CONNECTOR			
1P-ADAPTOR.35-50MM	TAURUS TIG TORCH ADAPTOR 1P RANGE (35-50MM/AIR/WATER)	-	35 - 50 mm ²

TAURUS GOUGING TORCH & ACCESSORIES

The Taurus hand gouging torch is made for heavy-duty metal removal applications. This is a highly efficient process to speed up metal removal that saves time and money. It is ideal for almost all metals with little or no deformation due to the low heat input. The gouging torch requires a welding power source, air compressor and carbon electrodes to work.

COMPRESSED AIR REQUIREMENTS

- Pressure: 550kPa (80psi)
- Flow rate: 0.79 m³/min



PRODUCT CODE	DESCRIPTION	AMPERAGE	LENGTH
GOUGING TORCH			
K4000	TAURUS K4000 GOUGING TORCH	1000A	2m
K5000	TAURUS K5000 GOUGING TORCH	1200A	2m
K6000	TAURUS K6000 2200A FOUNDRY GOUGING TORCH	2200A	2m
K4000/K5000 TORCH ACCESSORIES			
GOUGE001	TAURUS K4000/5000 - UPPER INSULATION (4)	-	-
GOUGE002	TAURUS K4000/5000 - BOTTOM INSULATION (1)	-	-
GOUGE003	TAURUS K4000/5000 - LEVER INSULATION (5)	-	-
GOUGE005	TAURUS K4000/5000 - SCREW	-	-
GOUGE006	TAURUS K4000/5000 - KEY	-	-
GOUGE007	TAURUS K4000/5000 - BONNET (7)	-	-
GOUGE008	TAURUS K4000/5000 - SPOOL ASSEMBLY (12)	-	-
GOUGE009	TAURUS K4000/5000 - BRASS LEVER / UPPER ARM (3)	-	-
GOUGE010	TAURUS K4000/5000 - INJECTION NOZZLE (2)	-	-
GOUGE011	TAURUS K4000/5000 - SCREW	-	-
GOUGE014	TAURUS K4000/5000 - SCREW	-	-
K6000 TORCH ACCESSORIES			
K6000-01	TAURUS K6000 - INSULATION (1)	-	-
K6000-02	TAURUS K6000 - HEAD ASSY (2)	-	-
K6000-03	TAURUS K6000 - UPPER ARM (3)	-	-
K6000-04	TAURUS K6000 - INSULATION (4)	-	-
K6000-05	TAURUS K6000 - PRESS HANDLE (5)	-	-
K6000-06	TAURUS K6000 - SPRING (6)	-	-
K6000-07	TAURUS K6000 - BONNET (7)	-	-
K6000-08	TAURUS K6000 - DUMP ARM (8)	-	-
K6000-09	TAURUS K6000 - SPOD ASSY (9)	-	-
K6000-010	TAURUS K6000 - FRONT HANDLE (10)	-	-
K6000-011	TAURUS K6000 - HANDLE NUT (11)	-	-
K6000-012	TAURUS K6000 - CABLE ASSEMBLY 2M (12)	-	-
K6000-013	TAURUS K6000 - CABLE INSULATOR BOOT (13)	-	-

TAURUS FIRE BLANKETS



SPECIFICATION	VALUE
MATERIAL	100% Fiberglass
THICKNESS	0.43mm
WEIGHT	450g/m ²
MAXIMUM TEMPERATURE	650 °C
MINIMUM TENSILE STRENGTH	5000 N/5cm
THREAD COUNT	13

Fire blankets are light, portable and easy- foldable. They are ideal for venues such as workshops, homes, kitchens, schools, hospitals, laboratories, offices and factories. Taurus fire blankets are manufactured from flexible woven fibre-glass and are primarily used to smother small fires. For welding and cutting applications, they provide protection against heat, slag and metal sparks.

PRODUCT CODE	DESCRIPTION	SIZE	TYPE
GFB001	WHITE FIBRE-GLASS FIRE BLANKET 2M X 2M	2m x 2m	1 PIECE
GFB002	WHITE FIBRE-GLASS FIRE BLANKET 2M X 3M	2m x 3m	1 PIECE
GFB003	WHITE FIBRE-GLASS FIRE BLANKET 3M X 3M	3m x 3m	1 PIECE
GFB004	WHITE FIBRE-GLASS FIRE BLANKET 1M X 50M ROLL	1m x 50m	1 PIECE

PELOX PICKLING & PASSIVATING LIQUIDS

STAINLESS STEEL PICKLING AND PASSIVATING

Pelox pickling and passivating are both chemical treatment processes used for surface treatment of stainless steel after welding or its exposure to high temperatures. The pickling process removes oxides and other contaminants from the material surface. The passivating process assists in the formation of a new chromium oxide layer. This layer helps to regain the corrosion resistance properties that otherwise would be weakened due to the introduction of oxides and contaminants during the welding process. Picking is normally followed by passivating treatment.



PICKLE BRUSH

Pelox pickle brushes are used to apply the pickling paste to stainless steel.



PRODUCT CODE	DESCRIPTION	WEIGHT	TYPE
PICKLING AND PASSIVATING			
PEL001	PELOX GREEN PICKLING PASTE 1KG	1kg	PICKLING PASTE
PEL002	PELOX GREEN PICKLING PASTE 2KG	2kg	PICKLING PASTE
PEL010	PELOX PASSIVATING PASTE 2KG	2kg	PASSIVATING PASTE
PICKLE BRUSH			
PEL020	PELOX PICKLE BRUSH SMALL ROUND TIP	-	ROUND
PEL021	PELOX PICKLE BRUSH 1 (25CM)	-	SQUARE

TAURUS ANTI-SPATTER

ANTI-SPATTER AEROSOL

Taurus anti-spatter sprays are used for the prevention of welding spatter, adherence of electrode material to welding torches, to work pieces and to clamps around the welding area. If subsequent painting is required, a silicone-free product should be used.



TAURUS PRO ANTI-SPATTER LIQUID SPRAY

The Taurus liquid anti-spatter is a water soluble, solvent free, non-flammable, non-hazardous, ready-to-use blue liquid designed for easy application to a wide variety of surfaces to prevent adhesion of weld spatter.



PRODUCT CODE	DESCRIPTION	TYPE	SIZE
ANTI-SPATTER AEROSOL			
SPRAY01	TAURUS ANTI SPATTER 500ML-SILICON	AEROSOL	500ml
SPRAY02-FREE	TAURUS ANTI SPATTER 500ML-SILICON FREE	AEROSOL	500ml
TA-SPRAY01	TAURUS ANTI SPATTER SILICON BASED 400ML	AEROSOL	400ml
TA-SPRAY02	TAURUS ANTI SPATTER FREE SILICON FREE 300ML	AEROSOL	300ml
ANTI-SPATTER LIQUID			
TA-SPRAY09	TAURUS PRO WATER BASED ANTISPATTER 500ML	AEROSOL	500ml
TA-SPRAY010	TAURUS PRO WATER BASED ANTISPATTER 5L	AEROSOL	5l
TA-SPRAY011	TAURUS PRO WATER BASED ANTISPATTER 20L	AEROSOL	20l

TAURUS ENGINEERING BLUE & PENETRANTS

ENGINEERING BLUE

Taurus engineering marking blue is commonly used in the metal-fabrication industry for layout work and scribing. Ideal for precision marking with great accuracy, on metal surfaces and to help identify raised (uneven) areas on bearings and metal surfaces.



INSPECTION SPRAY

Taurus inspection sprays are used as a low-cost inspection method for checking material defects such as hairline cracks, surface porosity and leaks in non-porous materials such as metals, plastics and ceramics.



The inspection process is carried out in six stages:

1. Apply Weld Cleaner A to pre-clean the test surface.
2. Apply Dye Penetrant B to the surface being tested.
3. Remove excess penetrant.
4. Apply Developer C to the surface being tested.
5. Inspect the tested area for surface breaks/cracks.
6. Clean the tested area once inspection is completed.

PRODUCT CODE	DESCRIPTION	TYPE	SIZE
MARKING SPRAY			
TA-SPRAY06	TAURUS ENGINEERING MARKING BLUE	AEROSOL	400ml
INSPECTION SPRAY / DYE PENETRANT			
TA-SPRAY03	TAURUS FLAW DETECTOR CLEANER 325ML	AEROSOL	325ml
TA-SPRAY04	TAURUS FLAW DETECTOR DEVELOPER 325ML	AEROSOL	325ml
TA-SPRAY05	TAURUS FLAW DETECTOR PENETRANT 325ML	AEROSOL	325ml

TAURUS WIRE BRUSHES, CHIPPING HAMMERS & CHALK

WIRE BRUSH

Taurus wire brushes are used to prepare and clean the welding area before welding. They can also be used after welding to clean the welding area after slag removal and before re-welding or coating applications. It is important that the correct brush be used on the material being welded.



PRODUCT CODE	DESCRIPTION
WIRE BRUSHES	
WB5MS	TAURUS WIRE BRUSH 5 ROW MILD STEEL
WB6SS	TAURUS WIRE BRUSH 6 ROW STAINLESS
CHIPPING HAMMER	
CH01	TAURUS CHIPPING HAMMER - HD
BOILERMAKER CHALK	
CHALK	BOILER MAKER CHALK

CHIPPING HAMMER

Taurus chipping hammers are used to chip away and remove welding slag deposits following MMA or FCW welding. Spring steel handles ensure secure gripping. Hammerheads are double-sided – one side flat and the other pointed.



BOILERMAKER CHALK

Taurus boilermaker chalk, also known as marking chalk, is made from soapstone. It is used for marking on steel and on concrete. Each box contains 144 pieces.



TAURUS WELDING SCREENS & WELDING MAGNETS

WELDING SCREENS

Taurus welding screens, also known as welding curtains, are used to protect workshop occupants from exposure to welding arc light. They are generally used at workstations, welding bays and around welding sites. The welding screens come with eyelids which are hooked onto custom built stands. Stands are not included. Welding screens are made to several fixed sizes but custom made sizes can be produced on request.



WELDING MAGNETS

Taurus magnets are powerful, enamel coated, fixtures used to hold welding material in position. They come in various sizes to facilitate accurate welding at 45,90 or 135 degree angles.



PRODUCT CODE	DESCRIPTION	SIZE	TYPE
WELDING SCREEN			
YWS001	YELLOW WELDING SCREEN 2M X 2M	2m x 2m	1 PIECE
YWS002	YELLOW WELDING SCREEN 2M X3M	2m x 3m	1 PIECE
YWS003	YELLOW WELDING SCREEN 3M X 3M	3m x 3m	1 PIECE
YWS004	YELLOW WELDING SCREEN 4M X 3M	4m x 3m	1 PIECE
YWS005	YELLOW WELDING SCREEN 3M X 2.5M	3m x 2.5m	1 PIECE
WELDING MAGNETS			
WM-11KG	WELDING MAGNET - 11KG - 16 X 12 X 1.2 CM	11KG - 16 X 12 X 1.2 CM	45° - 90° - 135°
WM-22KG	WELDING MAGNET - 22KG - 24 X 13.8 X 2 CM	22KG - 24 X 13.8 X 2 CM	45° - 90° - 135°
WM-33KG	WELDING MAGNET - 33KG - 25 X 17 X 3.8 CM	33KG - 25 X 17 X 3.8 CM	45° - 90° - 135°

A black and white photograph showing a close-up of a hand in a black nitrile glove operating a gas welding torch. The torch has three pressure gauges and a large nozzle. The background is blurred, showing what appears to be a workshop or industrial setting. The image is framed by red diagonal stripes at the top and bottom.

GAS EQUIPMENT & ACCESSORIES



TAURUS CG1-30 STRAIGHT LINE CUTTER

The straight line cutter CG1-30 is a light, portable machine running on rails which can be extended to suit the cutting length. It uses oxygen-acetylene or oxygen-LPG. The traveling speed is adjustable enabling cutting through materials up to 100mm thick. Cutting nozzles ANME/ANM and PNME/PNM used on the universal cutting torch, can both be fitted to the machine.



GAS CUTTING

- A light and portable main body manufactured from high strength aluminium.
- Adjustable speed control.
- Quick-connectors for rapid hose connections.
- Designed for straight line cutting and circle cutting diameters between 20mm and 200mm.
- Designed for a single cutting head.
- Beveling range: 1YV (45%).

PRODUCT CODE	DESCRIPTION	CUTTING THICKNESS (MM)	CUTTING THICKNESS (MM/MIN)	TRACK LENGTH (MM)
CG-130	TAURUS CG1-30 STRAIGHT LINE CUTTER	6-100	50-750	1800 extendable
EXTRA TRACK				
TRACK01	TAURUS TRACK FOR CG1-30 1.8M	-	-	1800 extendable
PLASMA TORCH ATTACHMENT				
PCG1-30	TAURUS PLASMA TORCH HOLDER FOR CG1-30	2m x 2m	1 PIECE	1 PIECE

TAURUS MINIPAK REGULATORS & FLASHBACKS



MINIPAK DH BRAZING NOZZLES

Taurus MINIPAK DH brazing nozzles are used with portable cylinder mixers and are suitable for all light-duty gas welding of steel up to 8mm thick.



MINIPAK AF-N CUTTING NOZZLES

Taurus MINIPAK AF-N cutting nozzles are used with portable cylinder cutting attachments and are suitable for all light-duty oxy-acetylene cutting steel up to 50mm thick.

MINIPAK HOSE FITTINGS

Taurus MINIPAK hose fittings are used with portable cylinder gas equipment with a nut thread of 1/4" and tail pieces to fit 6mm gas hose.



PRODUCT CODE	DESCRIPTION
DH BRAZING NOZZLE	
DH1-MP	TAURUS MINIPAK BRAZING NOZZLE 1
DH2-MP	TAURUS MINIPAK BRAZING NOZZLE 2
DH3-MP	TAURUS MINIPAK BRAZING NOZZLE 3
DH4-MP	TAURUS MINIPAK BRAZING NOZZLE 5
DH5-MP	TAURUS MINIPAK BRAZING NOZZLE 7
AF-N CUTTING NOZZLE	
AFN-0.8-MP	TAURUS MINIPAK AFN 0.8 CUTTING NOZZLE
AFN-1.2-MP	TAURUS MINIPAK AFN 1.2 CUTTING NOZZLE
AFN-1.6-MP	TAURUS MINIPAK AFN 1.6 CUTTING NOZZLE
GAS HOSE FITTINGS	
OXYNUT-MP	TAURUS MINIPAK NUT (1/4)-RH-OXYGEN
ACNUT-MP	TAURUS MINIPAK NUT (1/4)-LH-ACETYLENE
TP6MM-MP	TAURUS MINIPAK TAILPIECE-6MM HOSE FOR 1/4

TAURUS MINIPAK TWO-PIECE GAS TORCH

MINIPAK SHANK

Taurus MINIPAK Shanks have 1/4" inlet connections and are used in conjunction with either portable cylinder mixers or cutting attachments. These products are portable and user fatigue is minimised.



MINIPAK CUTTING ATTACHMENT

Taurus MINIPAK Cutting attachments are designed for use in conjunction with portable cylinder torch shanks. AF-N cutting nozzles suitable for all light-duty oxy-acetylene cutting of material up to a thickness of 50mm, are used.



MINIPAK MIXER

Taurus MINIPAK Mixers are designed for use in conjunction with portable cylinder torch shanks. DH nozzles suitable for all light-duty gas welding, are used.



PRODUCT CODE	DESCRIPTION
SH001-MP	MINIPAK SHANK
M0001-MP	MINIPAK MIXER
CA001-MP	MINIPAK CUTTING ATTACHMENT

TAURUS MINIPAK REGULATORS & FLASHBACKS

MINIPAK REGULATORS

Taurus MINIPAK regulators are designed to fit onto portable cylinders with an 11/16" x 20 TPI W female-valve thread. Its function is to reduce high-pressure cylinder gas to a lower level for particular use in all light-duty cutting and welding operations.



PRODUCT CODE	DESCRIPTION
REGULATORS	
MPDAREG	TAURUS MINIPAK REGULATOR-02-1 STAGE-2G-1/4
MPO2REG	TAURUS MINIPAK REGULATOR-02-1 STAGE-2G-1/4
FLASHBACK ARRESTORS	
FBAR-MP	TAURUS MP FLASHBACK ARRESTORS-OXY-REG-1/4
FBAR-MPL	TAURUS MP FLASHBACK ARRESTORS-ACY-REG-1/4

MINIPAK FLASHBACK ARRESTORS

Taurus MINIPAK flash arrestors are designed to fit onto portable cylinder regulator outlets of 1/4". Its function is to reduce the risk of gas back feeding which can result in damage to equipment and even fatal explosion of gas cylinders.



TAURUS MINIPAK COMBINATION KIT

The TAURUS Minipak combination kit is a starting kit for general brazing, welding and cutting with oxygen and acetylene gas. It can be extended to suit personal and job requirements. The equipment is presented in a secure, robust toolbox.

The fittings are compatible with portable size (11/16" x 20 TPI W female-valve thread) gas cylinders in South Africa.

STANDARD KIT CONSISTS OF:

- Toolbox
- DH welding nozzles - No. 1,3 & 7.
- Cutting nozzle AFN-0.8mm, 1.2mm & 1.6mm
- Minipak acetylene regulator
- Minipak oxygen regulator
- Minipak regulator mounted flashback arrestors
- Minipak torch mounted flashback arrestors
- Minipak shank
- Minipak type 2 cutting attachment
- Minipak type 2 mixer
- 3m gas hose(6mm) set



PRODUCT CODE	DESCRIPTION	GAS	PACKAGE	BULK
CK02	TAURUS MINI-PAK C&W KIT	OXY / ACE	1	-

TAURUS SINGLE STAGE LPG HEATING REGULATORS



The primary function of a gas regulator is to reduce high pressure gas in a cylinder or process line to a lower, more usable level. a Regulator is not a flow control device. It is used to control delivery pressure only.

APPLICATIONS:

- Light duty cutting and heating

FEATURES:

- Maximum inlet pressure of 2500 kPa.
- Body and cap forged class A brass for maximum strength with a chromed gauge.
- Smooth, high precision adjustment.
- Side-inlet connection.
- Standard version with chromed gauges, brass body and bonnet.

INLET	VALUE	OUTLET	VALUE
Maximum inlet pressure	2500 kPa	Delivery pressure	0 - 600 kPa
Inlet Connection	G 5/8" B-lh	Outlet Connection	3/8" B-lh
Supply pressure gauge	0 - 2750 kPa	Delivery pressure gauge	0 - 600 kPa

PRODUCT CODE	DESCRIPTION	GAS	PACKAGE(UNIT)	BULK(UNIT)
LPGREG-1G-H	TAURUS LPG REGULATOR - 1GAUGE - HEATING	LPG	1	12
OTHER SINGLE STAGE REGULATORS				
02REG	TAURUS REGULATOR-OXY-1 STAGE-2G	OXYGEN	1	12
DAREG	TAURUS REGULATOR-ACY-1 STAGE-2G	ACETYLENE	1	12
LPGREG	TAURUS REGULATOR-LPG -1 STAGE-2G	LPG	1	12
N2REG	TAURUS REGULATOR-NIT-1 STAGE-2G	NITROGEN	1	12

TAURUS SINGLE STAGE REGULATORS SX MODEL

The primary function of a gas regulator is to reduce high pressure gas in a cylinder or process line to a lower, more usable level.

A regulator is not a flow control device. It is used to control delivery pressure only. It has two gauges, one to measure the inlet pressure and the other to measure the outlet delivery pressure.



APPLICATIONS:

- Medium-duty cutting, heating and welding. Toolbox

FEATURES:

- Sufficient flow for cutting up to 300mm steel.
- Smooth, high precision adjustment.
- Side inlet connection.
- Standard chromed gauges and brass body.

REGULATOR	INLET			OULET			
	MAXIMUM PRESSURE	PRESSURE GAUGE	CONNECTION	DELIVERY PRESSURE	PRESSURE GAUGE	MAXIMUM GAS FLOW	CONNECTION
OXYGEN 3/8"	23000 kPa	0 - 28000 kPa	G 5/8" B-rh	0 - 1000 kPa	0 - 1100 kPa	155 m3/h	3/8" rh
ACETYLENE 3/8"	2500 kPa	0 - 2750 kPa	G 5/8" B-lh	0 - 150 kPa	0 - 255 kPa	m3/h	3/8" lh
LPG 3/8"	2500 kPa	0 - 2750 kPa	G 5/8" B-lh	0 - 150 kPa	0 - 255 kPa	30 m3/h	3/8" lh
NITROGEN 3/8"	23000 kPa	0 - 28000 kPa	G 3/4" B-rh	0 - 800 kPa	0 - 1100 kPa	30 m3/h	3/8" rh
HIGH PRESSURE NITROGEN 3/8"	19613 kPa	0 - 30890 kPa	G 3/4" B-rh	0 - 5883 kPa	0 - 9806 kPa	150 m3/h	3/8" rh
OXYGEN 9/16"	23000 kPa	0 - 28000 kPa	G 5/8" B-rh	0 - 1000 kPa	0 - 1100 kPa	155 m3/h	9/16" rh
ACETYLENE 9/16"	2500 kPa	0 - 2750 kPa	G 5/8" B-lh	0 - 150 kPa	0 - 255 kPa	30 m3/h	9/16" rh

PRODUCT CODE	DESCRIPTION	GAS	PACKAGE(UNIT)	BULK(UNIT)
02REG	TAURUS REGULATOR-OXY-1 STAGE-2G	OXYGEN	1	12
DAREG	TAURUS REGULATOR-ACY-1 STAGE-2G	ACETYLENE	1	12
LPGREG	TAURUS REGULATOR-LPG-1 STAGE-2G	LPG	1	12
N2REG	TAURUS REGULATOR-NIT-1 STAGE-2G	NITROGEN	1	12
N2REG-HP	TAURUS REGULATOR-NITROGEN-1 STAGE-2G - 50 BAR	NITROGEN	1	12
HSO2REG	TAURUS REGULATOR-OXY-1 STAGE-2G - 9/16	OXYGEN	1	12
HSDAREG	TAURUS REGULATOR-ACY-1 STAGE-2G - 9/16	ACETYLENE	1	12

TAURUS DOUBLE STAGE REGULATORS SX MODEL

The Taurus double-stage regulator is designed to lower the high pressure gas from a gas cylinder to a usable outlet pressure in two stages. It requires less readjustment and provides a more constant delivery pressure despite changes in inlet pressure. It is exceptionally well suited for high pressure cylinder applications and where stable outlet pressure is important. The regulator is fitted with two gauges, one to measure the inlet pressure and the other for measuring the outlet delivery pressure.



APPLICATIONS:

- Ideal where stable outlet pressure is important.
- Used for purging (Nitrogen), quality cutting applications and systems or precision machine cutting. Suitable for heavy machine cutting, hand cutting and gouging.

FEATURES:

- Forged brass body for maximum strength.
- First stage reduces full cylinder pressure by approximately 90%.
- Large Ø 70 mm second stage diaphragm accurately controls delivery pressure.
- Durable brass bonnet.

REGULATOR	INLET			OULET			
	MAXIMUM PRESSURE	PRESSURE GAUGE	CONNECTION	DELIVERY PRESSURE	PRESSURE GAUGE	MAXIMUM GAS FLOW	CONNECTION
OXYGEN 3/8"	23000 kPa	0 - 28000 kPa	G 5/8" B-rh	0 - 1000 kPa	0 - 1600 kPa	100 m3/h	3/8" rh
ACETYLENE 3/8"	2500 kPa	0 - 000 kPa	G 5/8" B-lh	0 - 150 kPa	0 - 250 kPa	25 m3/h	3/8" lh

PRODUCT CODE	DESCRIPTION	GAS	PACKAGE(UNIT)	BULK(UNIT)
DS/02REG	TAURUS REGULATOR-OXY-2 STAGE-2G	OXYGEN	1	12
DS/DAREG	TAURUS REGULATOR-ACY-2 STAGE-2G	ACETYLENE	1	12

TAURUS FLOWMETERS



TAR1SFM & TARG1-CFM ARGON FLOWMETER

The TAR1SFM and TARG1-CFM Taurus argon flowmeter connects to an argon gas cylinder. Its function is to measure the amount of gas passing through. It is generally used in TIG and MIG welding. The adjustment knob adjusts the flowrate and not the pressure. The flowrate is set in litres per minute. The gauge measures the inlet pressure and the tube measures the delivery flowrate.



TAR1SFM & TARG1-CFM ARGON FLOWMETER

The TARG1-HDFM Taurus heavy duty flowmeter is manufactured from heavy duty brass which connects to an argon gas cylinder. Its function is to measure the amount of gas passing through. It is generally used in TIG and MIG welding. The adjustment knob accurately controls the flowrate but not the pressure.. The flowrate is set in litres per minute. The gauge measures the inlet pressure and the tube measures the delivery flowrate.



CO HEATED FLOWMETER

The Taurus CO2 heated flow meter connects to a gas cylinder. Its primary function is to heat the MIG gas mixture containing carbon dioxide and prevent it from freezing. The flowrate is measured in liters per minute and can be adjusted. The inlet pressure is indicated on the gauge.

SPECIFICATION	TARG1-CFM ARGON FLOWMETER	TARG1-HDFM & TARG1-SFM ARGON FLOWMETER	HEATED CO ₂ FLOWMETER
Gas	Argon	Argon	Carbon Dioxide
Maximum inlet pressure	23000 kPa	23000 kPa	23000 kPa
Inlet Connection	G 5/8" B-RH	G 5/8" B-RH	BS341 - RH
Supply pressure gauge	0 - 31500 Kpa	0 - 31500 Kpa	0 - 31500 Kpa
Flow	0 - 30 Lpm	0 - 30 Lpm	0 - 30 Lpm
Outlet connection	-	3/8" RH	3/8" RH
Heated	No	No	Yes

PRODUCT CODE	DESCRIPTION	GAS	PACKAGE (UNIT)	BULK (UNIT)
ARGFLCR	FLOWMETER CHROME-MODEL TARG1-CFM	ARGON	1	12
ARGFLBR-HD	TAURUS FLOWMETER HEAVY DUTY CHROMED-MODEL TARG1-HDFM	ARGON	1	12
ARGFLSTD	TAURUS FLOWMETER CHROMED BRASS BODY-MODEL TARG1-SFM	ARGON	1	12
ARGFLM.H	TAURUS FLOWMETER-CO2-1 STAGE-HEATED	CARBON DIOXIDE	1	12

TAURUS FLOWMETER DOUBLE OUTLET

The TAURUS FLOWMETER DOUBLE OUTLET ARGON TARG1-DOFM connects to an argon gas cylinder. It's a single cylinder inlet with a dual outlet flowmeter. Its function is to individually adjust each outlet and measure the amount of gas passing through separately.

It is generally used in TIG and MIG welding. The adjustment knob adjusts the flowrate and not the pressure. The flowrate is set in litres per minute. The gauge measures the inlet pressure and each tube measures the delivery flowrate.

APPLICATIONS:

- Suitable for all MIG/TIG welding applications

FEATURES:

- Maximum inlet pressure of 23 000 Kpa.
- Designed for use with argon based gases.
- Two individual adjustable outlet.



SPECIFICATION	TARG1-DOFM ARGON FLOWMETER
Gas	Argon
Maximum inlet pressure	23000 kPa
Inlet Connection	G 5/8" B-rh
Supply pressure gauge	0 - 31500 kPa
Flow outlet 1	0 - 30 lpm
Flow outlet 2	0 - 30 lpm
Outlet Connection	3/8" rh

PRODUCT CODE	DESCRIPTION	GAS	PACKAGE	BULK
ARGFLDO	TAURUS FLOWMETER DOUBLE OUTLET ARGON TARG1-DOFM	ARGON	1	12

TAURUS ONE PIECE CUTTING TORCH



UNIVERSAL CUTTING TORCH

The Taurus universal 500mm long cutting torch is a heavy-duty, versatile and robust Saffire style torch with a 90 degree angled head. It can cut through steel up to 300mm thick and ANM, ANME, PNM or PNME nozzles can be fitted. Preheated oxygen and fuel gas mixed in the nozzle ensure greater safety and higher backfire resistance.



TAR15FM & TARG1-CFM ARGON FLOWMETER

The Taurus 62-3F 500mm long heavy-duty versatile and robust cutting torch has a 90 degree angled head. Flat base Taurus NX nozzles must be fitted. The torch can cut through steel up to 300mm thick. Only oxygen and LPG or propane gas can be used.



CO HEATED FLOWMETER

The Taurus MOD28 a 500mm heavy-duty, versatile and robust cutting torch has a 90 degree angled head. Taurus 2890-F or 2890-P threaded nozzles must be fitted. The torch can cut through steel up to 300mm thick. Oxygen and acetylene or oxygen and LPG or propane gas can be used.

DESCRIPTION	UNIVERSAL CUTTING TORCH	62-3F CUTTING TORCH	MOD28 CUTTING TORCH
Torch length	500mm	500mm	500mm
Head	90 °	90 °	90 °
Inlet connection	3 / 8" BSP	3 / 8" BSP	9 / 16" BSP
Gas	OXY - ACE - LPG	OXY - LPG	OXY - ACE - LPG
Steel cutting capacity	up to 300mm	up to 300mm	up to 300mm
Supported nozzles	8290ANM + ANME PNM + PNME	6290 NX	2890 - F / 2890 - P

PRODUCT CODE	DESCRIPTION	GAS	PACKAGE(UNIT)	BULK(UNIT)
CTT-STD	UNIVERSAL CUTTING TORCH STD - 3/8	OXY / ACE / LPG	1	10
CTT-HD	TAURUS UNIVERSAL CUTTING TORCH HD - 3/8	OXY / ACE / LPG	1	10
CTT-62-3F	TAURUS 62-3F CUTTING TORCH - 3/8	OXY / LPG	1	10
CTT-MOD28	TAURUS MOD28 CUTTING TORCH - 9/16	OXY / ACE / LPG	1	10

TAURUS ONE PIECE CUTTING TORCH

TYPE 2 UNIVERSAL SHANK

The Taurus Type 2 universal shank can be used in conjunction with either the TYPE 2 cutting attachment, the TYPE 2 mixer or the TYPE 2 high capacity mixer and the selection depends on the task at hand. It has a steel cutting capacity of up to 150mm thick and oxygen, acetylene and LP gases are supported. The inlet connections are 3/8" BSP.



TYPE 2 UNIVERSAL MIXER

The application of the TYPE 2 UNIVERSAL MIXER is for gas welding/brazing and for heating. It requires to be fitted to the Taurus UNIVERSAL SHANK and uses MK2 swaged brazing nozzles. Oxygen and acetylene or oxygen and LP gases are supported.



TYPE 2 UNIVERSAL SHANK

The application of the TYPE 2 HIGH CAPACITY MIXER which requires to be fitted to the TAURUS UNIVERSAL SHANK. It uses a neck tube and HN nozzles for heating material with oxygen-LPG.



TYPE 2 CUTTING ATTACHMENT

The application of the TYPE 2 CUTTING ATTACHMENT is for steel cutting using oxygen-acetylene or oxygen-LPG. It requires to be fitted to the TAURUS UNIVERSAL SHANK and uses ANM, ANME, PNM or PNME nozzles. It is manufactured with a forged brass head and stainless steel tubes and steel can be cut with a thickness up to 75mm.



PRODUCT CODE	DESCRIPTION	GAS	PACKAGE(UNIT)	BULK(UNIT)
SH001	TAURUS UNIVERSAL SHANK	OXY / ACE / LPG	1	12
M0002	TAURUS UNIVERSAL MIXER	OXY / ACE / LPG	1	12
M0003	TAURUS HIGH CAPACITY MIXER	OXY / LPG	1	12
CA003	TAURUS UNIVERSAL CUTTING ATTACHMENT	OXY / ACE / LPG	1	12

TAURUS FLASHBACK ARRESTORS

A flashback is defined as a flame traveling almost instantaneously in the opposite direction to the normal gas-flow. A flashback incident can cause irreparable damage to equipment and can, in a worst case scenario, be catastrophic if the flash enters the gas cylinder resulting in an explosion. Back-feeding of gas flames can be a result of various incidents of which incorrect closing-down of equipment, pressure drop, incorrect igniting procedure and excessive pressure to name but a few. Flashback arrestors are safety-enhancing items which ensure gas-flow in one direction only. Any brazing, heating, gas welding or cutting operation should not be done without flashback arrestors being fitted to both regulators and torch.



HEAVY DUTY FLASHBACK ARRESTORS

TAURUS heavy-duty flashback arrestors are precision engineered and are robust items manufactured from high-quality material. They are indispensable safety enhancers under demanding conditions.

PRODUCT CODE	DESCRIPTION	INLET / OUTLET CONNECTION	GAS	MOUNTED
FA188L	TAURUS FLASHBACK ARRESTOR-ACY-TORCH-3/8	3/8" lh	ACE / LPG / H2	TORCH
FA188R	TAURUS FLASHBACK ARRESTOR-OXY-TORCH-3/8	3/8" rh	OXYGEN	TORCH
FA288L	TAURUS FLASHBACK ARRESTOR-ACY-REG-3/8	3/8" lh	ACE / LPG / H2	REGULATOR
FA288R	TAURUS FLASHBACK ARRESTOR-OXY-REG-3/8	3/8" rh	OXYGEN	REGULATOR
FAH188L	TAURUS FLASHBACK ARRESTOR-ACY-TORCH-9/16	9/16" lh	ACE / LPG / H2	TORCH
FAH188R	TAURUS FLASHBACK ARRESTOR-OXY-TORCH-9/16	9/16" rh	OXYGEN	TORCH
FAH288L	TAURUS FLASHBACK ARRESTOR-ACY-REG-9/16	9/16" lh	ACE / LPG / H2	REGULATOR
FAH288R	TAURUS FLASHBACK ARRESTOR-OXY-REG-9/16	9/16" rh	OXYGEN	REGULATOR

OTHER SINGLE STAGE REGULATORS

HD188L	TAURUS FLASHBACK ARRESTOR-ACY-TORCH-3/8	3/8" lh	ACE / LPG / H2	TORCH
HD188R	TAURUS FLASHBACK ARRESTOR-OXY-TORCH-3/8	3/8" rh	OXYGEN	TORCH
HD288L	TAURUS FLASHBACK ARRESTOR-ACY-REG-3/8	3/8" lh	ACE / LPG / H2	REGULATOR
HD288R	TAURUS FLASHBACK ARRESTOR-OXY-REG-3/8	3/8" rh	OXYGEN	REGULATOR

TAURUS MICRO BRAZING TORCH

The TAURUS MICRO BRAZING TORCH is designed for precision joining of various metals. It is ideally suited for manufacturing and repairing jewelry and electronic products, for hobby making, craft work, sculpturing and glass blowing.

The torch is precision engineered, manufactured from quality light materials for easy maneuverability. The tailpieces are 3/8" threaded left handed (red colour coded) for the fuel-gas connection and right handed (blue colour coded) for the oxy-gen connection.



FEATURES

- Versatile, robust and easy maneuverable.
- All nozzle sizes can be used with acetylene.
- Nozzle sizes 3, 4 and 5 must be used with LPG.
- Flexible colour coded hoses.
- Five tip sizes for various flame lengths and heat output.

PRODUCT CODE	DESCRIPTION	GAS	PACKAGE (UNIT)	BULK (UNIT)
1C05-0016	JEWELLERS LIGHTWEIGHT BRAZING TORCH	OXY / ACE / LPG	1	12

TAURUS QUICK RELEASE COUPLINGS

TAURUS QUICK RELEASE COUPLINGS are precision engineered and manufactured from high-quality brass ensuring wear resistance, sturdiness, durability, stability and gas escape prevention. They feature nozzle coupling connectors with easy-to-use slider collars for time-saving, fast engagement and disengagement of the gas hoses from the torch or regulator side.

The nozzle coupling connector is easy to use. All you have to do is slide the collar back and insert the male accessory coupling, and then slide the collar completely back to lock it in place.



PRODUCT CODE	DESCRIPTION	CONNECTION THREAD	HOSE SIZE	COLOUR CODING
QC-HD188L-3/8	TAURUS QUICK RELEASE FBA - ACY TORCH 3/8	3/8" lh	8mm	RED
QC-HD188R-3/8	TAURUS QUICK RELEASE FBA - OXY TORCH 3/8	3/8" rh	8mm	BLUE
QC-HD188L-3/8	TAURUS QUICK RELEASE FBA - ACY REG 3/8	3/8" lh	8mm	RED
QC-HD288L-3/8	TAURUS QUICK RELEASE FBA - OXY REG 3/8	3/8" rh	8mm	BLUE

TAURUS GAS COMBINATION KIT

The TAURUS combination kit is a starting kit for general brazing, welding and cutting with oxygen and acetylene gas.

It can be extended to suit personal and job requirements. The equipment is presented in a secure, robust toolbox. The inlet fittings on the regulators are G 5/8" - B-rh on the oxygen side and B-lh on the acetylene side.

The fittings are compatible with industrial size gas cylinders in South Africa..



STANDARD KIT CONSISTS OF:

- MK2 welding nozzles - No. 3,5 & 7.
- Cutting nozzle ANM - 0,8 mm
- Acetylene regulator
- Oxygen regulator
- Torch mounted flashback arrestors
- Type 2 shank
- Type 2 cutting attachment
- Type 2 mixer
- Nozzle cleaner
- Triple flint lighter
- Fitted hose set
- Goggles

PRODUCT CODE	DESCRIPTION	GAS	PACKAGE (UNIT)	BULK (UNIT)
CK01	TAURUS CUTTING & WELDING KIT	OXY / ACE	1	2

TAURUS LPG HEATING

The TAURUS heating torch is suitable for various applications such as heating a work piece before welding, bending, soldering, brazing as well as for roofing. The specially designed burner ensures a powerful, windproof flame for outdoor work. The burner and neck tube are available in different sizes to cater for various applications and requirements. The burner requires high pressure gas for its operation and a high pressure regulator is also a requirement.

POWERFUL WINDPROOF FLAME



TAURUS LPG HEATING TORCH HANDLE & NECK TUBE



TORCH HANDLE WITHOUT ECONOMISER

The single-valve torch is designed for a secure hand fit and smaller burners are usually fitted. The main flame will be enabled on ignition since the torch handle is not fitted with a pilot flame device or trigger.



TORCH HANDLE WITH ECONOMISER

The double-valve handle is designed for a secure hand fit and larger burners are normally fitted. An adjustable economiser valve enables a gas-saving pilot flame. Once the trigger is depressed, the pilot flame instantly shifts to the main flame or to a pulsating main flame. The economiser valve saves both time and gas, especially when working over extended periods with frequent breaks.



TORCH HANDLE NECK TUBES

Neck tubes are precision engineered and produced from high quality brass. Several lengths are available for various applications and requirements.

PRODUCT CODE	DESCRIPTION	ECONOMISER	INLET CONNECTION	LENGTH
TORCH HANDLES				
LPG-TH001	TAURUS LPG TORCH HANDLE - NO ECONOMISER	NO	3 / 8" lh	-
LPG-TH002	TAURUS LPG TORCH HANDLE WITH ECONOMISER	YES	3 / 8" lh	-
TORCH HANDLE NECK TUBES				
LPG-NT-70MM	TAURUS LPG NECK TUBE - 70MM	-	-	70mm
LPG-NT-180MM	TAURUS LPG NECK TUBE - 180MM	-	-	180mm
LPG-NT-750MM	TAURUS LPG NECK TUBE - 705MM	-	-	750mm

TAURUS LPG HEATING BURNERS

STANDARD BURNERS 19MM - 25MM

Standard burners for brush-type flames are available for various kinds of soft soldering and for small heating applications. The recommended working pressure is 2 bar.

POWER BURNERS 32MM - 42MM

Power burners are precision engineered and manufactured from heavy-duty, high-quality brass designed for extremely strong flames and to withstand high winds and the severest weather conditions. It is ideal for drying work pieces, pre-heating welding pieces, bitumen laying, detail and field torching, melting snow/ice and other demanding applications requiring a heat source. The recommended working pressure is 4 bar.



PRODUCT CODE	DESCRIPTION	BURNER DIAMETER	GAS CONSUMPTION AT 4 BAR	EFFECT
STANDARD BURNER				
LPG-B-19MM	TAURUS LPG BURNER - 19MM	19mm	240 g/h	3.1 kW
LPG-B-25MM	TAURUS LPG BURNER - 25MM	25mm	240 g/h	3.1 kW
POWER BURNER				
LPG-B-29MM	TAURUS LPG BURNER - 29MM	29mm	2000 g/h	26 kW
LPG-B-32MM	TAURUS LPG BURNER - 32MM	32mm	3350 g/h	43.5 kW
LPG-B-42MM	TAURUS LPG BURNER - 42MM	42mm	6700 g/h	86 kW

TAURUS OXY-LPG HEATING TUBE & NOZZLES

STAINLESS STEEL NECK TUBE

TAURUS stainless steel neck tubes fit onto the TYPE 2 HIGH CAPACITY MIXER and accommodate the HN series of heavy-duty heating nozzles.

2290-HN HEATING NOZZLE

TAURUS 2290-HN heating nozzles are designed for efficient, heavy-duty heating and its flames are ideal for metal heating prior to welding or bending. The precision engineered and manufactured nozzles are designed to reduce the occurrence of flashbacks. Oxygen and LP/propane gas must be used.



PRODUCT CODE	DESCRIPTION	GAS	PACKAGE(UNIT)	BULK (UNIT)
NECK TUBE EXTENTION				
SSNT-1000MM	TAURUS S/S NECK TUBE - 1000MM	OXY / LPG	1	1
2290-HN HEATING NOZZLE				
HN2	TAURUS HN2 HEATING NOZZLE	OXY / LPG	1	1
HN3	TAURUS HN3 HEATING NOZZLE	OXY / LPG	1	1
HN4	TAURUS HN4 HEATING NOZZLE	OXY / LPG	1	1
HN5	TAURUS HN5 HEATING NOZZLE	OXY / LPG	1	1

TAURUS ANM & ANME 8290 CUTTING NOZZLES

These nozzles utilise the nozzle-mix principle whereby the fuel gas and preheated oxygen are kept separate right up to the nozzle and are only mixed once inside the the nozzle preheat orifices. The nozzle mixing process ensures that the volume of mixed gas is kept to the absolute minimum and thereby reduces the occurrence of a flashback. Nozzles are manufactured from copper for good heat dissipation and can be cleaned with a fine file. Orifices are cleaned using appropriate cleaners. The shape of the flame as well as the nozzle performance depend on sharp, square orifice edges.



TAURUS ANM and ANME CUTTING NOZZLES are three-seat nozzles and oxygen and acetylene are used. They are fitted onto the TAURUS UNIVERSAL CUTTING TORCH, TAURUS TYPE 2 CUTTING ATTACHMENT or the TAURUS STRAIGHTLINE CUTTER. These nozzles are presented in seven sizes and can cut material up to 300mm thick. ANME cutting nozzles are usually applied in automated cutting processes such as profile or straight line cutting. ANM cutting nozzles are usually applied when using handheld torches.

PRODUCT CODE	DESCRIPTION	NOZZLE SIZE	MATERIAL THICKNESS (mm)	CUTTING SPEED (mm/min)	OXYGEN PRESSURE (kPA)	ACETYLENE PRESSURE (kPA)
ANM0.8	TAURUS ANM 0.8 CUTTING NOZZLE 1/32	0.8	3 - 6	500 - 850	150	15
ANM1.2	TAURUS ANM 1.2 CUTTING NOZZLE 3/64	1.2	6 - 12	440 - 700	200	15
ANM1.6	TAURUS ANM 1.6 CUTTING NOZZLE 1/16	1.6	12 - 75	300 - 610	250	15
ANM2.0	TAURUS ANM 2.0 CUTTING NOZZLE 5/64	2.0	75 - 100	180 - 250	300	30
ANM2.4	TAURUS ANM 2.4 CUTTING NOZZLE 3/32	2.4	100 - 150	150 - 180	300	30
ANM2.8	TAURUS ANM 2.8 CUTTING NOZZLE 7/64	2.8	150 - 250	100 - 250	450	35
ANM3.2	TAURUS ANM 3.2 CUTTING NOZZLE 1/8	3.2	250 - 300	90 - 125	550	35

PRODUCT CODE	DESCRIPTION	NOZZLE SIZE	MATERIAL THICKNESS (mm)	CUTTING SPEED (mm/min)	OXYGEN PRESSURE (kPA)	ACETYLENE PRESSURE (kPA)
ANME0.8	TAURUS ANM 0.8 CUTTING NOZZLE 1/32	0.8	3 - 6	620	150	15
ANME1.2	TAURUS ANM 1.2 CUTTING NOZZLE 3/64	1.2	6 - 12	530	200	15
ANME1.6	TAURUS ANM 1.6 CUTTING NOZZLE 1/16	1.6	12 - 75	170	350	15
ANME2.0	TAURUS ANM 2.0 CUTTING NOZZLE 5/64	2.0	75 - 100	155	350	30
ANME2.4	TAURUS ANM 2.4 CUTTING NOZZLE 3/32	2.4	100 - 150	140	400	30
ANME2.8	TAURUS ANM 2.8 CUTTING NOZZLE 7/64	2.8	150 - 250	100	560	35
ANME3.2	TAURUS ANM 3.2 CUTTING NOZZLE 1/8	3.2	250 - 300	90	560	35

TAURUS PNM & PNME 8290 CUTTING NOZZLES

These nozzles utilise the nozzle-mix principle whereby the fuel gas and preheated oxygen are kept separate right up to the nozzle and are only mixed once inside the the nozzle preheat orifices. The nozzle mixing process ensures that the volume of mixed gas is kept to the absolute minimum and thereby reduces the occurrence of a flashback. Nozzles are manufactured from copper for good heat dissipation and can be cleaned with a fine file. Orifices are cleaned using appropriate cleaners. The shape of the flame as well as the nozzle performance depend on sharp, square orifice edges. TAURUS PNM and PNME CUTTING NOZZLES are three-seat nozzles and oxygen and acetylene are used. They are fitted onto the TAURUS UNIVERSAL CUTTING TORCH, TAURUS TYPE 2 CUTTING ATTACHMENT or the STRAIGHT LINE CUTTER. These nozzles are presented in seven sizes and can cut material up to 300mm thick. PNME cutting nozzles are usually applied in automated cutting processes such as pro- file or straight line cutting. PNM cutting nozzles are usually applied when using handheld torches.



PRODUCT CODE	DESCRIPTION	NOZZLE SIZE	MATERIAL THICKNESS (mm)	CUTTING SPEED (mm/min)	OXYGEN PRESSURE (kPa)	ACETYLENE PRESSURE (kPa)
PNM0.8	TAURUS NM 0.8 CUTTING NOZZLE 1/32	0.8	3 - 6	460	150	20
PNM1.2	TAURUS PNM 1.2 CUTTING NOZZLE 3/64	1.2	6 - 12	400	200	20
PNM1.6	TAURUS PNM 1.6 CUTTING NOZZLE 1/16	1.6	12 - 75	160	350	35
PNM2.0	TAURUS PNM 2.0 CUTTING NOZZLE 5/64	2.0	75 - 100	155	350	40
PNM2.4	TAURUS PNM 2.4 CUTTING NOZZLE 3/32	2.4	100 - 150	140	400	40
PNM2.8	TAURUS PNM 2.8 CUTTING NOZZLE 7/64	2.8	150 - 250	100	560	50
PNM3.2	TAURUS PNM 3.2 CUTTING NOZZLE 1/8	3.2	250 - 300	90	560	60

PRODUCT CODE	DESCRIPTION	NOZZLE SIZE	MATERIAL THICKNESS (mm)	CUTTING SPEED (mm/min)	OXYGEN PRESSURE (kPa)	ACETYLENE PRESSURE (kPa)
PNME 0.8	TAURUS PNME 0.8 CUTTING NOZZLE 1/32	0.8	3 - 6	460	150	20
PNME 1.2	TAURUS PNME 1.2 CUTTING NOZZLE 3/64	1.2	6 - 12	400	200	20
PNME 1.6	TAURUS PNME 1.6 CUTTING NOZZLE 1/16	1.6	12 - 75	160	350	35
PNME 2.0	TAURUS PNME 2.0 CUTTING NOZZLE 5/64	2.0	75 - 100	155	350	40
PNME 2.4	TAURUS PNME 2.4 CUTTING NOZZLE 3/32	2.4	100 - 150	140	400	40
PNME 2.8	TAURUS PNME 2.8 CUTTING NOZZLE 7/64	2.8	150 - 250	100	560	50
PNME 3.2	TAURUS PNME 3.2 CUTTING NOZZLE 1/8	3.2	250 - 300	90	560	60

TAURUS 2890 CUTTING NOZZLES



TIP MIX TIPS 2890-F – ACETYLENE FUEL GAS (F SERIES)

Taurus 2890-F series are screw-type cutting nozzles for use with oxygen and acetylene. They are available in seven sizes and, depending on the nozzle size and gas equipment can cut metal up to 200mm thick. These nozzles are compatible with the TAURUS MOD 28 cutting torch.



TIP MIX TIPS 2890-P – LPG FUEL GAS (P SERIES)

Taurus 2890-P series are screw-type cutting nozzles for use with oxygen and LPG. They are available in four sizes and, depending on the nozzle size and gas equipment can cut metal up to 75mm thick. These nozzles are compatible with the TAURUS MOD 28 cutting torch.

PRODUCT CODE	DESCRIPTION	MATERIAL THICKNESS (mm)	OXYGEN PRESSURE(kPa)	ACETYLENE PRESSURE (kPa)
H0F	TAURUS 0F CUTTING NOZZLE	3 - 6	70 - 100	14
H1F	TAURUS 1F CUTTING NOZZLE	0 - 10	100 - 150	20
H2F	TAURUS 2F CUTTING NOZZLE	10 - 50	150 - 250	30
H3F	TAURUS 3F CUTTING NOZZLE	50 - 100	300 - 450	50
H4F	TAURUS 4F CUTTING NOZZLE	100 - 125	500 - 550	70
H5F	TAURUS 5F CUTTING NOZZLE	125 - 150	550 - 600	70
H6F	TAURUS 6F CUTTING NOZZLE	150 - 200	600 - 650	70

PRODUCT CODE	DESCRIPTION	MATERIAL THICKNESS (mm)	OXYGEN PRESSURE(kPa)	ACETYLENE PRESSURE (kPa)
2890-0P	TAURUS CUTTING NOZZLE 2890-0P	0 - 10	150 - 200	20
2890-1P	TAURUS CUTTING NOZZLE 2890-1P	10 - 25	100 - 150	40
2890-2P	TAURUS CUTTING NOZZLE 2890-2P	25 - 50	200 - 300	40
2890-3P	TAURUS CUTTING NOZZLE 2890-3P	50 - 75	250 - 300	40

TAURUS 6290 CUTTING NOZZLES

6290-NX – LPG FUEL GAS (NX SERIES)



TAURUS NX nozzles are flat based, use oxygen and LPG and fit onto the TAURUS 62-3F cutting torches. Six sizes are available and depending on the nozzle size and gas equipment can cut metal up to 300mm thick.

6290-AC – ACETYLENE GAS (AC SERIES)



TAURUS AC nozzles are flat based, use oxygen and acetylene gas and fit onto the TAURUS 62-3F cutting torches. Six sizes are available and depending on the size and gas equipment, metal up to 300mm thick can be cut.

PRODUCT CODE	DESCRIPTION	MATERIAL THICKNESS (mm)	OXYGEN PRESSURE(kPa)	ACETYLENE PRESSURE (kPa)
NX0	TAURUS LPG NX 0 CUTTING NOZZLE-6290	10 - 15	200 - 300	1.5 - 20
NX1	TAURUS LPG NX 1 CUTTING NOZZLE-6290	15 - 25	250 - 350	1.5 - 20
NX2	TAURUS LPG NX 2 CUTTING NOZZLE-6290	25 - 50	300 - 400	1.5 - 20
NX3	TAURUS LPG NX 3 CUTTING NOZZLE-6290	50 - 75	300 - 450	1.5 - 20
NX4	TAURUS LPG NX 4 CUTTING NOZZLE-6290	75 - 150	350 - 550	1.5 - 20
NX5	TAURUS LPG NX 5 CUTTING NOZZLE-6290	150 - 200	450 - 550	1.5 - 20
NX6	TAURUS LPG NX 6 CUTTING NOZZLE-6290	150 - 200	500 - 650	1.5 - 20

PRODUCT CODE	DESCRIPTION	MATERIAL THICKNESS (mm)	OXYGEN PRESSURE(kPa)	ACETYLENE PRESSURE (kPa)
AC-1	TAURUS AC-1 CUTTING NOZZLE-6290	15 - 25	200 - 350	1.5 - 20
AC-2	TAURUS AC-2 CUTTING NOZZLE-6290	25 - 50	300 - 450	1.5 - 20
AC-3	TAURUS AC-3 CUTTING NOZZLE-6290	50 - 100	350 - 550	1.5 - 20
AC-4	TAURUS AC-4 CUTTING NOZZLE-6290	100 - 175	300 - 450	1.5 - 20
AC-5	TAURUS AC-5 CUTTING NOZZLE-6290	175 - 250	450 - 550	1.5 - 20
AC-6	TAURUS AC-6 CUTTING NOZZLE-6290	250 - 300	500 - 650	1.5 - 20

TAURUS BRAZING NOZZLES

BRAZING/WELDING NOZZLES

TAURUS brazing nozzles are used for welding and brazing with oxygen and acetylene. For safety the correct size nozzle must be used.

MK SERIES NOZZLES

TAURUS MK SERIES NOZZLES are available in 6 sizes. They are used for welding and brazing and are connected to a TYPE 2 MIXER AND SHANK.

DH SERIES NOZZLES (MINIPAK)

TAURUS DH SERIES NOZZLES are available in 5 sizes. They are used for welding and brazing and are connected to a light-weight MINIPAK shank.



PRODUCT CODE	DESCRIPTION	MATERIAL THICKNESS (mm)	OXYGEN PRESSURE(kPa)	ACETYLENE PRESSURE (kPa)
DH1-MP	TAURUS MINIPAK BRAZING NOZZLE 1	0.9	15	15
DH2-MP	TAURUS MINIPAK BRAZING NOZZLE 2	1.2	15	15
DH3-MP	TAURUS MINIPAK BRAZING NOZZLE 3	2.0	15	15
DH5-MP	TAURUS MINIPAK BRAZING NOZZLE 5	2.6	15	15
DH7-MP	TAURUS MINIPAK BRAZING NOZZLE 7	3.2	15	15

PRODUCT CODE	DESCRIPTION	MATERIAL THICKNESS (mm)	OXYGEN PRESSURE(kPa)	ACETYLENE PRESSURE (kPa)
MK2-1	TAURUS BRAZING NOZZLE MK2 SWAGED 1	0.9	15	15
MK2-2	TAURUS BRAZING NOZZLE MK2 SWAGED 2	1.2	15	15
MK2-3	TAURUS BRAZING NOZZLE MK2 SWAGED 3	2.0	15	15
MK2-5	TAURUS BRAZING NOZZLE MK2 SWAGED 5	2.6	15	15
MK2-7	TAURUS BRAZING NOZZLE MK2 SWAGED 7	3.2	15	15
MK2-10	TAURUS BRAZING NOZZLE MK2 SWAGED 10	4.0	20	20



TAURUS 6290 CUTTING NOZZLES

Gas hoses are transporting agents for various gases from a regulated gas source to gas equipment. TAURUS gas hoses are high-quality items with a flame retardant, polyester yarn reinforced EPDM outer cover resistant to welding sparks and flames. It is weatherproof, can be used indoors as well as outdoors and will support pressures up to 20 bar. The inner black rubber lining for oxygen and acetylene gas is manufactured from the SBR compound whilst that for LPG is from the NBR compound. TAURUS gas hoses can be used safely for cutting, welding, brazing and heating applications.

OXYGEN / ACETYLENE / LPG HOSE SPECIFICATION (BS EN ISO 3821)

DESCRIPTION	VALUE	DESCRIPTION	VALUE
Hose internal diameter	8 mm	Working temperature range	-30°C to +60°C
Rating	Normal duty	Tube material (LPG)	NBR
Maximum operating pressure	2 Mpa	Tube material (oxygen / acetylene)	SBR
Proof pressure	4 Mpa	Cover material	EPDM
Maximum burst pressure	6 Mpa	Hose reinforcement	Polyester textile yarn

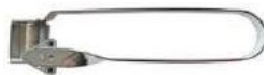
PRODUCT CODE	DESCRIPTION	HOSE SIZE	INNER HOSE DIAMETER	GAS	PRESSURE
8MM HOSE					
GW90150	TAURUS GAS HOSE OXYGEN-8MM-BLUE	BLUE	8mm	OXYGEN	20MPa
GW90050	TAURUS GAS HOSE ACETYLENE-8MM-RED	RED	8mm	ACETYLENE	20MPa
GW90200	TAURUS GAS HOSE LPG-8MM-ORANGE	ORANGE	8mm	LPG	20MPa
GW90250	TAURUS GAS HOSE PROPANE (EPDM)-8MM-ORANGE	ORANGE	8mm	LPG / PROPANE	20MPa
VAGT812PVC	TAURUS COMPRESSOR/ARGON HOSE-8MM-CLEAR	CLEAR	8mm	AIR / ARGON	800KPa
6MM HOSE					
GW90140	TAURUS GAS HOSE OXYGEN-6MM-BLUE	BLUE	6mm	OXYGEN	20MPa
GW90040	TAURUS GAS HOSE ACETYLENE-6MM-RED	RED	6mm	ACETYLENE	20MPa
VAGT811PVC	TAURUS COMPRESSOR/ARGON HOSE-6MM-CLEAR	CLEAR	6mm	AIR / ARGON	800KPa

TAURUS NOZZLES CLEANERS & LIGHTERS



NOZZLE CLEANER

The TAURUS nozzle cleaner is fitted with a selection of abrasive miniature wire brushes ranging from 0.8mm diameter to 3.2mm diameter. The set is encased in a strong aluminium container and includes a small file. The abrasive brushes remove carbon buildup and loosen slag from nozzles.



FLINT SPARK LIGHTER

The TAURUS triple-flint lighter creates a spark which ignites fuel gas from cutting, brazing or heating torches. The easy one-hand-prong-squeeze operation allows the grinding, long-lasting flint to spark. Once worn, the flint replacement is an easy operation. TAURUS triple flint refills are compatible with most other flint lighters

PRODUCT CODE	DESCRIPTION
TRIPLE FLINT LIGHTER	
TFL	TAURUS TRIPLE FLINT LIGHTER
TFS	TAURUS TRIPLE FLINT SPARE
NOZZLE CLEANER	
Tc-09	TAURUS NOZZLE CLEANER

TAURUS Y-PIECES WITH VALVES

The TAURUS Y-PIECE with valve fittings has a single-line inlet and dual-line outlet connectors allowing two hoses running from one gas regulator source. The dual outlet connection is fitted with two valves allowing independent control of each line.



PRODUCT CODE	DESCRIPTION	INLET CONNECTION THREAD	OUTLET CONNECTION THREAD	GAS
YP-ACY-3/8	TAURUS ACY Y PIECE WITH VALVE 3/8	3/8" lh	3/8" lh	ACETYLENE + LPG
YP-OXY-3/8	TAURUS OXY Y PIECE WITH VALVE 3/8	3/8" rh	3/8" rh	OXYGEN + ARGON + Co2

TAURUS INDUSTRIAL CYLINDER TROLLEYS

TAURUS industrial cylinder trolleys are robust and designed for heavy-duty use. Gas cylinders are chain-safely housed and the 200mm solid rubber wheels add to easy and smooth handling and movability.



PRODUCT CODE	DESCRIPTION	CYLINDER TYPE	MAXIMUM LOAD RATING	CYLINDER QUANTITY
TROLLEY01	TAURUS DOUBLE OXY & ACY TROLLEY	OXY & ACE	225 KG	2
TROLLEY02	TAURUS SINGLE 48KG LPG TROLLEY	48KG LPG	150 KG	1
TROLLEY03	TAURUS DOUBLE LPG & OXY TROLLEY	OXY & 48KG LPG	225 KG	2
TROLLEY04	TAURUS SINGLE OXY & ACY TROLLEY	OXY / ACE	150 KG	1

TAURUS HOSE CONNECTIONS & ADAPTORS

TAIL PIECES AND TAIL NUTS

TAURUS tail pieces and tail nuts, also known as nipples and tail nuts, are manufactured from high-quality brass. Their function as a set is to connect gas hoses to gas equipment such as torches, flashbacks and regulators. In order to avoid gas leaks it is important to ensure that matching tail pieces and tail nuts as well as the correct size nipples that fit the hose size, are used. Gas leaks can result in injury or death.



ADAPTORS

TAURUS adapters convert 3/8" thread to 9/16 thread and vice versa and allows connection of gas equipment with differing thread sizes.



PRODUCT CODE	DESCRIPTION	CONNECTION THREAD	INLET THREAD	OUTLET THREAD
3/8" TAIL NUT AND TAIL PIECE				
TP8MM	TAURUS TAILPIECE-8MM HOSE FOR 3/8	3/8"	-	-
TP6-8MM	TAURUS TAILPIECE FOR 6&8MM HOSE FOR 3/8	3/8"	-	-
O2NT	TAURUS NUT (3/8) -RH-OXYGEN	3/8" rh	-	-
DANT	TAURUS NUT (3/8)-LH-ACETYLENE	3/8" lh	-	-
9/16" TAIL NUT AND TAIL PIECE				
TPHS	TAURUS TAILPIECE-8MM HOSE FOR 9/16	9/16"	-	-
TP6MM	TAURUS TAILPIECE-6MM HOSE FOR 9/16	9/16"	-	-
OXYNUT-HS	TAURUS NUT (9/16)-RH-OXYGEN	9/16" rh	-	-
ACNUT-HS	TAURUS NUT (9/16)-LH-ACETYLENE	9/16" lh	-	-
ARGFLCR FLOWMETER NUT AND TAIL PIECE				
TPCR	TAURUS TAILPIECE FOR ARGFLCR FLOWMETER-6MM HOSE	-	-	-
CRNT	TAURUS NUT FOR ARGFLCR FLOWMETER	-	-	-
ADAPTORS				
237-065	ACETYLENE ADAPTOR LH 3/8 TO 9/16	-	3/8" lh	9/16" lh
237-066	OXYGEN ADAPTOR RH 3/8 TO 9/16	-	3/8" rh	9/16" rh
237-067	ACETYLENE ADAPTOR LH 9/16 TO 3/8	-	9/16" lh	3/8" lh
237-068	OXYGEN ADAPTOR RH 9/16 TO 3/8	-	9/16" rh	3/8" rh
HOSE JOINERS				
HOSE-CON	TAURUS 8MM HOSE JOINER	-	-	-

TAURUS CUTTING TORCH NOZZLE NUTS

TYPE 2 AND UNIVERSAL CUTTING TORCH NUT

Replacement nozzle nut for the TYPE 2 and UNIVERSALCUTTING TORCH.

PRODUCT CODE	DESCRIPTION	TORCH
CTT-HD-TN	TAURUS TIP NUT - UNIVERSAL CUTTING TORCH	UNIVERSAL + TYPE 2



TAURUS HOSE CLAMPS

O - CLAMPS

The Oetiker style clamp has two ears that needs to be crimped once the tail piece is connected to the gas hose. In order to reduce the risk of hose damage, the clamp edges are deburred. It is also considered to be a safer option to the traditional screw-type hose clamp. For safety reasons it is important that the correct size O-CLAMP is used for the hose size and that the clamp is securely crimped to the hose.



PARALLEL HOSE CLAMPS

Parallel hose clamps keep two gas hoses running together in parallel. A parallel clamp fitted every 750mm will keep the hoses neatly together and will prevent unnecessary damage.



PRODUCT CODE	DESCRIPTION	HOSE SIZE	FASTEN TYPE
CLAMPS FOR GAS HOSE			
02.30.501.2	OETIKER CLAMP 13-15 - 2 EAR - 6MM HOSE	6mm	CRIMP
02.30.501.4	OETIKER CLAMP 15-18 - 2 EAR - 8MM HOSE	8mm	CRIMP
02.30.501.6	OETIKER CLAMP 17-20 - 2 EAR - 10MM HOSE	10mm	CRIMP
CLAMPS FOR TIG AND MIG TORCH HOSE			
02.30.501.5	OETIKER CLAMP 9-11 - 2 EAR - 6MM HOSE	-	CRIMP
02.30.501.1	OETIKER CLAMP 9.5MM - 1 EAR WITH INSERT	-	CRIMP
02.30.501.3	OETIKER CLAMP 8.7MM - 1 EAR WITH INSERT	-	CRIMP
02.30.501.7	OETIKER CLAMP 8MM - 1 EAR WITH INSERT	-	CRIMP
PARALLEL CLAMPS			
PC01	PARALLEL CLAMP-8MM	8mm	CLIP-ON

TAURUS REGULATOR CONNECTIONS & ADAPTORS

BULL NOSE NUTS AND STEMS

TAURUS bullnose nuts and stems are precision engineered and manufactured from high-quality brass. Resulting from disconnection and reconnection of regulators from and to gas cylinders, bullnose nuts and stems wear out over time.



In order to ensure secure fitting of the regulator to the gas cylinder valve, the following check procedure should be followed:

- Threads should not be stripped or worn and the nut should screw in freely.
- The hexagonal edges of the bullnose nut should be sharp ensuring a secure spanner grip to tighten the nut.
- The stem should have no flaws or markings. If so, it will not fit flush in the cylinder valve resulting in gas leakage.

PRODUCT CODE	DESCRIPTION	CONNECTION THREAD	REGULATOR
BULLNOSE NUT			
BN/02NUT	TAURUS BULLNOSE NUT - OXYGEN	rh 5/8" BSP-M	02REG
BN/ACNUT	TAURUS BULLNOSE NUT - ACETYLENE	lh 5/8" BSP-M	DAREG
BNN001	TAURUS BULLNOSE NUT - NITROGEN	rh 3/4" BSP-M	N2REG
BULLNOSE STEM			
BN/STEM	TAURUS BULLNOSE INLET - SINGLE STAGE REG-02/AC	-	02REG + DAREG + N2REG
BN/02STEM	TAURUS BULLNOSE INLET - DOUBLE STAGE REG-02/AC	-	DS/02REG + DS/DAREG
BULLNOSE NUT ADAPTOR			
CO2-ADAPTOR	CO2 TO ARGON ADAPTOR + WASHER	rh 0.86"-F TO rh 5/8"-F	ARGON
MINIPAK BULLNOSE NUT AND STEM			
BN/02STEM-MP	TAURUS MINIPAK BULLNOSE STEM - OXYGEN	-	MPO2REG
BN/ACSTEM-MP	TAURUS MINIPAK BULLNOSE STEM - ACETYLENE	-	MPDAREG
BN/02NUT-MP	TAURUS MINIPAK BULLNOSE NUT - OXYGEN	rh 11/16"	MPO2REG
BN/ACNUT-MP	TAURUS MINIPAK BULLNOSE NUT - ACETYLENE	lh 11/16"	MPDAREG
BN/02-KIT-MP	TAURUS MINIPAK BULLNOSE NUT/STEM/O-RING - OXYGEN	-	MPO2REG
BN/AC-KIT-MP	TAURUS MINIPAK BULLNOSE NUT/STEM/O-RING - ACETYLENE	-	MPDAREG
BN/O-MP	TAURUS MINIPAK BULLNOSE O-RING - OXY/ACY	-	MPO2REG + MPDAREG



MIG TORCHES & ACCESSORIES



TAURUS BZ MIG TORCH DIAGRAM

NUMBER	DESCRIPTION
1	NOZZLE
2	CONTACT TIP
3	TIP ADAPTOR
4	GAS DIFFUSER
5	SWAN-NECK (CONDUCTOR TUBE)
6	TORCH HANDLE AND SWITCH
7	LINER



TAURUS BZ PRO MIG TORCHES

Taurus BZ PRO MIG torches are precision engineered and manufactured from high-quality material offering the user a superior, well-designed, comfortable-to-use product which improves user performance. Nozzle walls are thicker which enhance longevity and superior performance. Contact tips are manufactured from a high-quality, harder than normal copper alloy which delivers excellent conductivity. The swan neck is durable, robust and is manufactured from a high temperature resistant material reducing the risk of shorting. The neck security block inside the handle prevents any rotational neck movement. The torches are fitted with a euro connector which is compatible with most MIG welding machines.

General checklist to assist with the selection of a MIG torch:

- Ensure the torch length is appropriate for the welding operation.
- Confirm that the torch connection will fit directly onto the machine.
- Ensure the correct sized tip and liner is used for the welding wire size.
- The appropriate liner should be used for the filler wire material type.
- Ensure that the correct torch amperage for the application is available.
- Confirm that the duty cycle of the MIG torch selected is suitable for the application.



PRODUCT CODE	DESCRIPTION	TORCH	AMPERAGE	LENGTH
BZ15.3M	TAURUS PRO BZ15 MIG TORCH X 3M	BZ15	150A	3m
BZ15.4M	TAURUS PRO BZ15 MIG TORCH X 4M	BZ15	150A	4m
BZ25.3M	TAURUS PRO BZ25 MIG TORCH X 3M	BZ25	250A	3m
BZ25.4M	TAURUS PRO BZ25 MIG TORCH X 4M	BZ25	250A	4m
BZ25.5M	TAURUS PRO BZ25 MIG TORCH X 5M	BZ25	250A	5m
BZ36.3M	TAURUS PRO BZ36 MIG TORCH X 3M	BZ36	360A	3m
BZ36.4M	TAURUS PRO BZ36 MIG TORCH X 4M	BZ36	360A	4m
BZ36.5M	TAURUS PRO BZ36 MIG TORCH X 5M	BZ36	360A	5m
BZ40.4M	TAURUS PRO BZ40 MIG TORCH X 4M	BZ40	400A	4m
BZ40.5M	TAURUS PRO BZ40 MIG TORCH X 5M	BZ40	400A	5m
BZ501.3M	TAURUS PRO BZ501 MIG TORCH X 3M	BZ501	500A	3m
BZ501.4M	TAURUS PRO BZ501 MIG TORCH X 4M	BZ501	500A	4m
BZ61.4M	TAURUS BZ61 X 4M MIG WELDING TORCH	BZ61	600A	4m

TAURUS BZ CONTACT TIPS

Taurus BZ contact tips are manufactured from a hard and highly-conductive copper alloy. The higher copper alloy quality requires less frequent replacements which in turn saves on welder's downtime and consumable costs. Contact tips are one of the consumables needing frequent replacement on a MIG torch. They are responsible for guiding the welding wire and transferring the current from the swan neck (conductor tube) through the MIG wire to the work piece.

It is important to choose a correct size contact tip for the welding application to ensure the best welding performance. Using an incorrect tip size that is too big or too small can create problems such as micro-arcing, overheating, friction and wire jamming, all of which can lead to wire burn back. Copper is naturally soft and when combined with heat and wire friction can lead to contact tip deformation. This in turn can lead to arc-start issues, burn-back and poor welds such as a lack of penetration. Contact tips need to be changed on a regular basis.



PRODUCT CODE	DESCRIPTION	TORCH	SIZES in mm
BZ15 CONTACT TIP			
BZ15-0.6 to BZ15-1.2	TAURUS BZ CONTACT TIP M6 Bz15	Bz15	0.6 + 0.8 + 0.9 + 1.0 + 1.2
M6 CONTACT TIP			
M6-0.8 TO M6-1.60	TAURUS BZ CONTACT TIP M6 BZ25 / Bz36	BZ25 + Bz36	0.8 + 0.9 + 1.0 + 1.2 + 1.4 + 1.6
M8 CONTACT TIP			
M8-0.8	TAURUS BZ CONTACT TIP M8 BZ40 / 501 - 0.8MM	BZ36 + BZ40 + Bz501	0.8 + 0.9 + 1.0 + 1.2 + 1.4 + 1.6 + 1.8 + 2.0
M10 CONTACT TIP			
M10-1.20 to	TAURUS BZ CONTACT TIP M10 Bz61	Bz61	1.2 + 1.4 + 1.6 + 2.0 + 2.4 + 2.8 + 3.2

TAURUS BZ NOZZLES

Taurus BZ MIG nozzles are precision engineered with a thicker wall offering superior performance and longevity. The nozzle (also known as a shroud) keeps the gas at the weld puddle. When nozzles patter builds up or when the nozzle is damaged due to misuse, wear and tear, or overheating, it can result in an uncontrolled shielding process which, in turn, may result in poor welding results, lack of penetration or increased spatter. Spatter build-up between the contact tip and the nozzle can result in shorting. The removal of spatter can be facilitated by using silicon anti-spatter spray. Spatter build-up can also be removed by using a wire brush after removal of the nozzle from the torch.

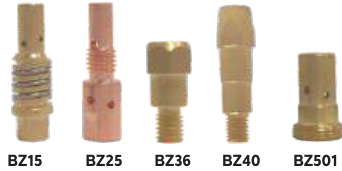


PRODUCT CODE	DESCRIPTION	TORCH	AMPERAGE
02.02.15CO	TAURUS BZ 15 CONICAL NOZZLE	BZ15	CONICAL
02.02.15P	TAURUS BZ 15 SPOT NOZZLE	BZ15	SPOT
02.02.25CO	TAURUS BZ 25 CONICAL NOZZLE	BZ25	CONICAL
02.02.36CO	TAURUS BZ 36 CONICAL NOZZLE	BZ36	CONICAL
02.02.40CO	TAURUS BZ 40 CONICAL NOZZLE	BZ40	CONICAL
02.02.501.16	TAURUS BZ 501 CONICAL NOZZLE	BZ501	CONICAL
BZ61-145.0081	TAURUS BZ 61 CONICAL NOZZLE	BZ61	CONICAL

TAURUS BZ GAS DIFFUSERS & TIP ADAPTORS

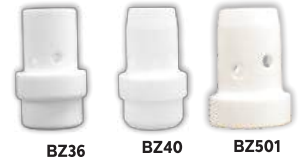
TIP ADAPTORS

Taurus BZ36, BZ40 and Bz501 tip adaptors holds the contact tip and gas diffuser in place. Taurus BZ15 and BZ25 have combined contact tip and gas diffuser units.



GAS DIFFUSERS

Taurus BZ36, BZ40 and BZ501 tip adaptors holds the contact tip and gas diffuser in place. Taurus BZ15 and Bz25 have combined contact tip and gas diffuser units.



PRODUCT CODE	DESCRIPTION	TORCH	CONTACT TIP THREAD
TIP ADAPTOR			
02.05.15	TAURUS BZ 15 TIP ADAPTOR	BZ15	M6
02.03.25M6	TAURUS BZ 25 GAS DIFFUSER & TIP ADAPTOR M6	BZ25	M6
02.03.25M8	TAURUS BZ 25 GAS DIFFUSER & TIP ADAPTOR M8	BZ25	M8
02.03.36M6	TAURUS BZ 36 TIP ADAPTOR M6	BZ36	M6
02.03.36M8	TAURUS BZ 36 TIP ADAPTOR M8	BZ36	M8
02.03.40	TAURUS BZ 40 TIP ADAPTOR M8	BZ40	M8
02.05.501C	TAURUS BZ 501 TIP ADAPTOR M8	BZ501	M8
BZ61-142.0032	TAURUS BZ61 M10 TIP ADAPTOR	BZ61	M10
SPRING			
02.05.15.01	TAURUS BZ 15 SPRING FOR TIP ADAPTOR	BZ15	-
02.05.25.01	TAURUS BZ 25 SPRING FOR TIP ADAPTOR	BZ25	-
GAS DIFFUSER			
02.05.36	TAURUS BZ 36 GAS DIFFUSER	BZ36	-
02.05.40	TAURUS BZ 40 GAS DIFFUSER	BZ40	-
02.05.501	TAURUS BZ 501 GAS DIFFUSER	BZ501	-
BZ61-013.0030	TAURUS BZ61 GAS DIFFUSER	BZ61	-

TAURUS BZ SWAN-NECKS, TORCH HANDLES & SWITCHES

SWAN-NECKS

The Taurus swan-neck is the extension fitted to the torch handle. The contact tip and gas shroud are mounted on the swan-neck which delivers the electrical current, filler wire and shielding gas to the weld pool.



BZ MIG TORCH HANDLES

The Taurus BZ MIG torch handle is manufactured from fully insulated nylon material suited for heavy-duty welding. The ergonomically designed handle fits comfortably in the hand palm and lessens operator fatigue. The switch is long lasting and designed for frequent activation.



PRODUCT CODE	DESCRIPTION	TORCH
SWAN-NECK		
02.06.15	TAURUS BZ 15 SWAN-NECK	BZ15
02.06.25	TAURUS BZ 25 SWAN-NECK	Bz25
02.06.36	TAURUS BZ 36 SWAN-NECK	Bz36
02.06.40	TAURUS BZ 40 SWAN-NECK	Bz40
02.06.501	TAURUS BZ 501 SWAN-NECK	Bz501
BZ61-013.0001	TAURUS BZ61 SWAN NECK	Bz61
SWAN-NECK WASHER		
02.03.501	TAURUS BZ 38/501 WASHER	Bz501
HANDLES AND SWITCHES		
02.08.40	TAURUS BZ40/38 TORCH HANDLE COMPLETE	Bz40
02.08.R501	TAURUS BZ TORCH - AUTO HANDLE	-
02.08ABZ	TAURUS BZ25/36 TORCH HANDLE	BZ15 + BZ25 + Bz36 + Bz501
02.08.501	TAURUS BZ501 TORCH - HANDLE COMPLETE	BZ36
02.09ABZ	TAURUS TRIGGER SWITCH	-

TAURUS BZ LINER & LINER NUT

LINERS

The Taurus BZ liner is the guide for the welding wire through the MIG torch to the contact tip. The correct liner is required to ensure smooth, consistent wire feed and high-quality welding. Several criteria such as wire thickness, torch length and type of wire material should be considered when selecting the correct liner. When the internal diameter of the liner is too small for the wire being used, wire feed will be affected. When the internal diameter of the liner is too large for the wire being used, the wire could fold back. When thinner wire is used, erratic feeding or even blockages can occur. Liners need to be cut to the correct length when installed. Wire feeding problems can result from liners cut too short. Liners should fit tightly against the contact tip. The correct liner should be selected for the type of welding wire used - steel liners for mild steel wires. Aluminium alloy wires require smoother teflon liners and for stainless steel wires harder carbon-teflon liners are required. Regular cleaning of liners is necessary to prevent clogging. Due to friction, liners do wear out and should be replaced periodically.



PRODUCT CODE	DESCRIPTION	LINER TYPE	LENGTH (m)	WIRE SIZE (mm)
STEEL LINERS				
02.04.R4 + 02.04.R5	TAURUS LINER PVC RED 1.0 - 1.2MM WIRE - 4.4M	PVC STEEL LINER	4.4 + 5.4	1.0 - 1.2
02.04.P4 + 02.04.P6	TAURUS LINER PVC YELLOW 1.2 - 1.6MM WIRE - 4.4M	PVC STEEL LINER	4.4 + 5.4	1.2 - 1.6
02.04.501N4 + 02.04.501N5	TAURUS BZ 501 LINER 1.2 - 1.6MM WIRE - 4M	STEEL LINER	4 + 5	1.2 - 1.6
BZ61-122.0080	TAURUS BZ61 LINER 2.4MM - 4M	STEEL LINER	4	2.4
TEFLON LINERS				
02.04.AL3M to 02.04.AL10M	TAURUS BLACK CARBON TEFLON LINER 1.6 - 2.5MM - 3M	TEFLON LINER	3 + 4 + 5 + 10	1.6 - 2.5
02.04.ALU-5.4M	TAURUS YELLOW TEFLON LINER FOR ALUMINIUM WIRE - 1.6MM - 5.4M	TEFLON LINER	5.4	1.2 - 1.6
LINER NUT		TORH ADAPTOR TYPE		
02.30.06	TAURUS LINER NUT	EURO	-	-

TAURUS BZ LINER REFERENCE CHART

● Solid means recommended ○ Clear means compatible

CODE	LINER TYPE	LENGTH	WIRE SIZE	WIRE TYPE	BZ15	BZ25	BZ36	BZ40	BZ501
02.04.R4	STEEL	4.4m	1.0 - 1.2	STEEL WIRES	●	●	●	○	○
02.04.R5	STEEL	5.4m	1.0 - 1.2	STEEL WIRES	●	●	●	○	○
02.04.P4	STEEL	4.4m	1.2 - 1.6	STEEL WIRES	○	○	○	●	●
02.04.P6	STEEL	5.4m	1.2 - 1.6	STEEL WIRES	○	○	○	●	●
02.04.501N4	STEEL	4m	1.2 - 1.6	STEEL WIRES	○	○	○	○	●
02.04.501N5	STEEL	5m	1.2 - 1.6	STEEL WIRES	○	○	○	○	●
BZ61-122.0080	STEEL	-	2.4	STEEL WIRES	○	○	○	○	●
02.04.AL3M	TEFLON	3m	1.6 - 2.5	SOFT WIRES	●	●	●	●	●
02.04.AL4M	TEFLON	4m	1.6 - 2.5	SOFT WIRES	●	●	●	●	●
02.04.AL5M	TEFLON	5m	1.6 - 2.5	SOFT WIRES	●	●	●	●	●
02.04.ALU-5.4M	TEFLON	10m	1.6 - 2.5	SOFT WIRES	●	●	●	●	●
02.04.ALU-5.4M	TEFLON	5.4m	1.2 - 1.6	SOFT WIRES	●	●	●	●	●

TAURUS BZ POWER CABLES & OUTER LINERS

POWER CABLES

Taurus power cables are manufactured from high-quality copper to the correct torch amperage specification. The Taurus power cable delivers current, shielding gas and welding wire to the front tip of the MIG torch. If the power cable is water cooled, it will also allow water to flow through to the conductor tube for enhanced cooling



OUTER LINERS

The Taurus outer liner fits inside the power cable. A suitable inner liner is inserted into the power cable and is the guide for the welding wire to the front of the torch.



PRODUCT CODE	DESCRIPTION	TORCH
POWER CABLES		
02.20.25.4	TAURUS BZ25 POWER CABLE ASSEMBLY X 4M	Bz25
02.20.36.4	TAURUS BZ36 POWER CABLE ASSEMBLY X 4M	Bz46
02.20.40.4	TAURUS BZ40 POWER CABLE ASSEMBLY X 4M	Bz40
02.24.501.3	TAURUS BZ501 WATER POWER CABLE X 3M	Bz501
02.24.501.4	TAURUS BZ501 WATER POWER CABLE X 4M	Bz501
02.24.501.5	TAURUS BZ501 WATER POWER CABLE X 5M	Bz501
OUTER LINERS		
02.21.501.3	TAURUS BZ501 OUTER LINER - 3M	Bz501
02.21.501.4	TAURUS Bz501 OUTER LINER - 4M	Bz501
02.21.501.5	TAURUS BZ501 OUTER LINER - 5M	Bz501

TAURUS BZ SHEATHING & BZ TORCH HOSES

CANVAS SHEATHING OUTER COVERS

The Taurus canvas sheathing outer cover is manufactured from rubber-reinforced canvas. The cover is heat resistant and protects the welding torch cable and hose as well as machine interconnecting cables from friction and spatter damage.

CANVAS SHEATHING OUTER COVERS

The Taurus rubber sheathing outer cover is manufactured from high-quality, anti-corrosive, fire and wear resistant rubber. It protects the welding torch cable and hose from damage.

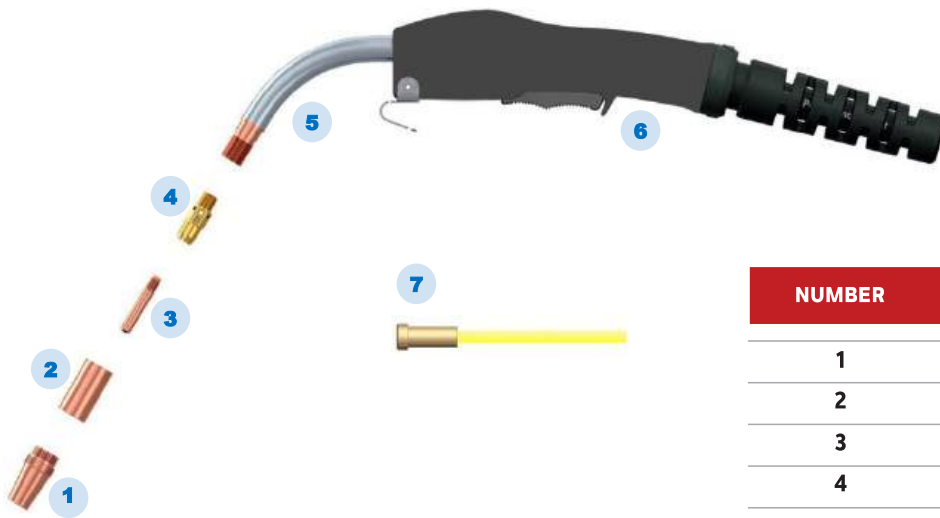
BRAIDED HOSES

Taurus braided hoses are used with MIG and TIG torches. Blue and red hoses are usually used for water transportation in water-cooled torches and the black hoses for gas in both air-cooled and water-cooled torches.



PRODUCT CODE	DESCRIPTION	LENGTH	TORCH
CANVAS SHEATHING OUTER COVERS			
VA.PR.25.27	TAURUS CANVAS SHEATHING (25 X 27)	PER METER	BZ15 + Bz25
VA.PR.45.49	TAURUS CANVAS SHEATHING (45 X 49)	PER METER	BZ36 + Bz40
02.20.4aVA.PR.51.550.4	TAURUS CANVAS SHEATHING (51 X 55)	PER METER	BZ501 + INTERCONNECTION CABLE
RUBBER SHEATHING OUTER COVERS			
VAGD2123	TAURUS RUBBER SHEATHING (21 X 23)	4m + 8m	WP9 + Wp17
VAGD2628	TAURUS RUBBER SHEATHING (26 X 28)	4m + 8m	WP18 + WP26 + BZ15 + Bz25
PRODUCT CODE	DESCRIPTION	LENGTH	DIAMETER
BRAIDED HOSES			
VAGH38NB	TAURUS HOSE BRAIDED GAS BLACK (3MM X 8MM)	PER METER	3 x 8
VAGH58B	TAURUS HOSE BRAIDED GAS BLUE (5MM X 8MM)	PER METER	5 x 8
VAGH58NB	TAURUS HOSE BRAIDED GAS BLACK (5MM X 8MM)	PER METER	5 x 8
VAGH58R	TAURUS HOSE BRAIDED GAS RED (5MM X 8MM)	PER METER	5 x 8

TAURUS TW MIG TORCH DIAGRAM



NUMBER	DESCRIPTION
1	OUTER NOZZLE
2	NOZZLE INSULATOR
3	CONTACT TIP
4	TIP ADAPTOR
5	CONDUCTOR TUBE
6	TORCH HANDLE AND SWITCH
7	LINER

TAURUS TW MIG TORCHES

TAURUS TW MIG TORCHES

Taurus TW MIG torches are precision engineered and manufactured from high-quality material offering the user a superior, well-designed, comfortable-to-use product which improves user performance. Nozzles are manufactured from copper enhancing longevity and superior performance. Contact tips are manufactured from a high-quality, harder than normal copper alloy which delivers excellent conductivity.

The conductor tube is durable, robust and is manufactured from a high temperature resistant material reducing the risk of shorting. The torches are fitted with euro connectors which is compatible with most MIG welding machines.

General guidelines to assist with the selection of a MIG torch:

- Ensure the torch length is appropriate for the required welding operation.
- Confirm that the torch connection will fit to the welding machine.
- Ensure the correct sized tip and liner is used for the welding wire size.
- The appropriate liner should be used for the filler-wire material type.
- Ensure that the torch amperage is sufficient for the application.
- Confirm that the duty cycle of the MIG torch selected is suitable for the application.



PRODUCT CODE	DESCRIPTION	TORCH	LENGTH
T4E.4M	TAURUS TW4 MIG TORCH X 4M-EURO-65MM2	TW#4	4m
T4E.5M	TAURUS TW4 MIG TORCH X 5M-EURO-65MM2	TW#4	5m
T5E.4M	TAURUS TW5 MIG TORCH X 4M-EURO-65MM2	TW#5	4m
T5E.5M	TAURUS TW5 MIG TORCH X 5M-EURO-65MM2	BZ25	5m

TAURUS TW CONTACT TIPS

Taurus TW contact tips are manufactured from a hard and high-conductivity copper alloy which means less frequent replacements which result in savings on welders' downtimes and on consumables. Contact tips guide the welding wire and transfer the current from the conductor tube through the MIG wire to the work piece. In order to ensure the best welding performance, it is important to select the correct size welding tip. An incorrect tip size can lead to problems such as micro-arcing, overheating, friction and wire jamming all resulting in wire burn-back.



PRODUCT CODE	DESCRIPTION	TORCH	SIZE(mm)
TW#4 CONTACT TIPS			
01.14H30	TAURUS TW CONTACT TIP MOD 2 / 4 - 0.8MM	TW#4	0.8
01.14H35	TAURUS TW CONTACT TIP MOD 2 / 4 - 0.9MM	TW#4	0.9
01.14H40	TAURUS TW CONTACT TIP MOD 4 - 1.0MM	TW#4	1.0
01.14H45	TAURUS TW CONTACT TIP MOD 4 - 1.2MM	TW#4	1.2
01.14H52	TAURUS TW CONTACT TIP MOD 4 - 1.4MM	TW#4	1.4
01.14H116	TAURUS TW CONTACT TIP MOD 4 - 1.6MM	TW#4	1.6
TW#5 CONTACT TIPS			
01.15H35	TAURUS TW CONTACT TIP MOD 5 - 0.9MM	TW#5	0.9
01.15H40	TAURUS TW CONTACT TIP MOD 5 - 1.0MM	TW#5	1.0
01.15H45	TAURUS TW CONTACT TIP MOD 5 - 1.2MM	TW#5	1.2
01.15H52	TAURUS TW CONTACT TIP MOD 5 - 1.4MM	TW#5	1.4
01.15H116	TAURUS TW CONTACT TIP MOD 5 - 1.6MM	4m + 8m	1.6

TAURUS NOZZLES & NOZZLE INSULATORS

NOZZLES AND NOZZLE INSULATORS

The Taurus TW MIG nozzle insulator and nozzle is a two piece set that is precision engineered from high quality copper for longevity and superior performance. The nozzle insulator is used to insulate the conduct tube from the outer nozzle. The outer nozzle is used to keep the gas at the weld puddle. If the nozzle builds up from spatter or gets damaged due to miss-use, wear and tear or overheating, it can affect the shielding process cause the shielding process resulting in poor welding, lack of penetration and increased spatter. To clean the nozzle, you can remove it from the MIG torch and gently use a wire brush to clean the spatter build-up. Taurus anti-spatter silicon spray can be applied to the nozzle making spatter removal easier.



TIP ADAPTORS WITH GAS DIFFUSER

The Taurus TW tip adaptor holds the contact tip and provides gas flow to the weld pool. It's a tip adaptor and gas diffuser combined as one unit.



PRODUCT CODE	DESCRIPTION	TORCH
TWO PIECE NOZZLES		
01.24CT62	TAURUS TW NOZZLE MOD 4 - 16MM	TW#4
01.25CT62	TAURUS TW NOZZLE MOD 5 - 16MM	TW#5
TWO PIECE NOZZLE INSULATORS		
01.34CT	TAURUS TW NOZZLE INSULATOR MOD 4	TW#4
01.35CT	TAURUS TW NOZZLE INSULATOR MOD 5	TW#5
SLIP ON NOZZLE INSULATORS		
01.75	TAURUS MOD 5 INSULATION	TW#5

PRODUCT CODE	DESCRIPTION	CONTACT TIP	TORCH
TWO PIECE NOZZLES			
01.54A	TAURUS TW MOD 4 GAS DIFFUSER	M6	TW#4
01.55	TAURUS TW MOD 5 GAS DIFFUSER	M8	TW#4

TAURUS NOZZLES & NOZZLE INSULATORS

LINERS

The Taurus TW liner is the guide for the welding wire through the MIG torch to the contact tip. The correct liner is required to ensure smooth, consistent wire feed and high-quality welding. Several criteria such as wire thickness, torch length and type of wire material should be considered when selecting the correct liner. When the internal diameter of the liner is too small for the wire being used, wire feed will be affected. When the internal diameter of the liner is too large for the wire being used, the wire could fold back. When thinner wire is used, erratic feeding or even blockages can occur. Liners need to be cut to the correct length when installed.

Wire feeding problems can result from liners cut too short. It should fit tightly against the contact tip. The correct liner should be selected for the type of welding wire used - steel liners for mild steel wires. Aluminium alloy wires require smoother teflon liners and for stainless steel wires harder carbon-teflon liners are required. Regular cleaning of liners is necessary to prevent clogging. Due to friction, liners do wear out and should be replaced periodically.

LINER NUT

The TW liner nut secures the liner to the torch.



PRODUCT CODE	DESCRIPTION	LINER TYPE	LENGTH (m)	WIRE SIZE (mm)
STEEL LINERS				
01.44.116	TAURUS TW LINER MOD 4/5 YLW 1-1.6MM 4.5M E/END	STEEL LINER	4.5	1.2 - 1.6
01.44.116.5	TAURUS TW LINER MOD 4/5 YLW 1-1.6MM 5.4M E/END	STEEL LINER	5.4	1.2 - 1.6
LINER NUT		TORCH ADAPTOR TYPE		
01.20.01	TAURUS LINER NUT FOR TWECO - M12	TWECO	-	-

● Solid means recommended ○ Clear means compatible

CODE	LINER TYPE	LENGTH	WIRE SIZE	WIRE TYPE	BZ15	BZ25
01.44.116	STEEL	4.5m	1.2 - 1.6	STEEL WIRES	●	●
01.44.116.5	STEEL	5.4m	1.2 - 1.6	STEEL WIRES	●	●

TAURUS TW CONDUCTOR TUBES & TORCH HANDLES & SWITCHES

CONDUCTOR TUBES

Taurus TW conductor tube is the extended section protruding from the torch handle on which the contact tip and gas nozzle are mounted. The conductor tube delivers the electrical current, filler wire, and shielding gas on to the weld pool. Conductor tubes are also known as swan necks or goose necks.



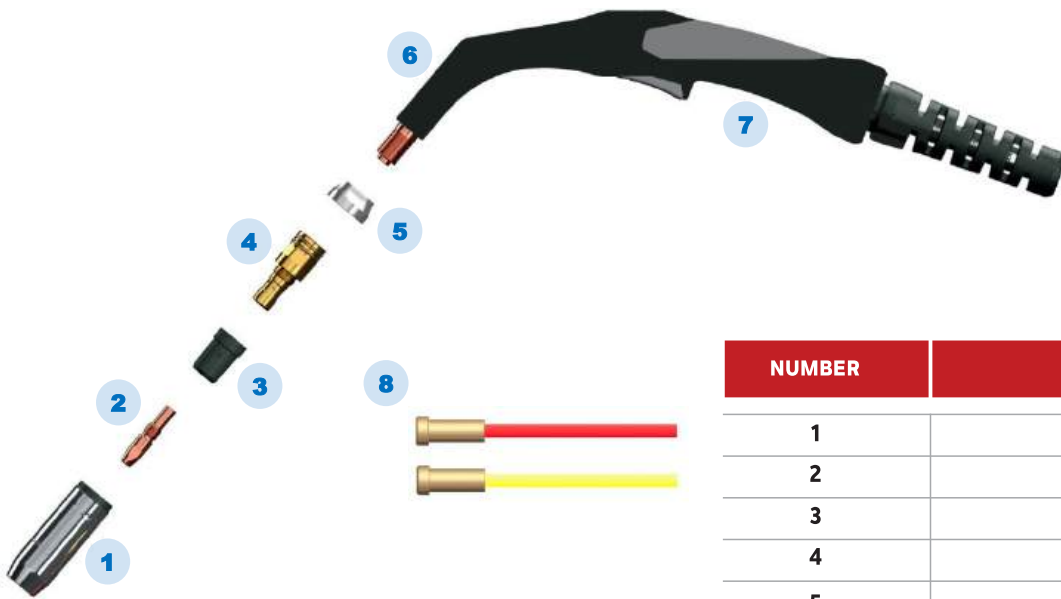
MIG TORCH HANDLE

Taurus TW torch handle is manufactured from fully insulated nylon material for heavy-duty welding. The switch is long lasting and designed for frequent activation.



PRODUCT CODE	DESCRIPTION	TORCH
CONDUCTOR TUBES		
01.64A60	TAURUS MOD 4 CONDUCTOR TUBE	TW#4
01.65.60	TAURUS MOD 5 CONDUCTOR TUBE	TW#5
HANDLES AND SWITCHES		
01.84	TAURUS HANDLE TWECO - MOD 4	TW#4
01.94	TAURUS TWECO 4 TRIGGER SWITCH	TW#4

TAURUS XP MIG TORCH DIAGRAM



NUMBER	DESCRIPTION
1	NOZZLE
2	CONTACT TIP
3	GAS DIFFUSER
4	HEAD ASSEMBLY
5	HEAT SHIELD
6	CONDUCTOR TUBE
7	TORCH HANDLE AND SWITCH
8	LINER

TAURUS XP HEAD ASSEMBLY, GAS DIFFUSER & HEAT SHIELD



HEAD ASSEMBLY / TIP ADAPTOR

The Taurus XP head assembly holds the contact tip and the gas diffuser in place.



GAS DIFFUSER

The Taurus XP gas diffuser provides gas flow to the weld pool.



HEAT SHIELD

The Taurus XP heat shield reduces the heat-flow from the nozzle reaching the conductor tube (swan neck).

PRODUCT CODE	DESCRIPTION	TORCH	SIZE(mm)
HEAD ASSEMBLY			
Xp2005	TAURUS XP HEAD ASSEMBLY M8 200/300A	M8	XP 200A - 300A
Xp3005	TAURUS XP HEAD ASSEMBLY M10 200/300A	M10	XP 200A - 300A
Xp3505	TAURUS XP HEAD ASSEMBLY M10 350/400/450	M10	XP 200A - 300A
HEAT SHIELD			
XP2006A	TAURUS XP ALU HEAT SHIELD M8 S 200/300A	M8	XP 200A - 300A
XP2006B	TAURUS XP MOULD HEAT SHIELD M8 S 200-300A	M8	XP 200A - 300A
XP3506A	TAURUS XP HEAT SHIELD ALUM M10 350-450A	M10	XP 350A - 450A
XP3506B	TAURUS XP MOULDED HEAT SHIELD M10 350-450A	M10	XP 350A - 450A
GAS DIFFUSER			
XP2004B	TAURUS XP GAS DIFFUSER M8 HEAD 200/300A	M8	XP 200A - 300A
XP2004C	TAURUS XP GAS DIFFUSER CERAMIC M8 200/300A	M8	XP 200A - 300A
XP3004B	TAURUS XP GAS DIFFUSER M10 HEAD 350-450	M10	XP 350A - 450A
XP3004C	TAURUS XP GAS DIFF CERAMIC M10 350-450A	M10	XP 350A - 450A

TAURUS BZ PRO MIG TORCHES

The Taurus XP MIG torch is designed and manufactured for professional use. Serving performance, comfortable handling and service life, is manufactured from high-quality material. The torch has a high duty cycle of 80% and its patented gas-flow technology ensures a cooler neck and tip which, in turn, saves up to 70% on consumables and a reduction of welder's downtime by up to 50%.



PRODUCT CODE	DESCRIPTION	LENGTH	AMPERAGE	TORCH
XP200A-30E	TAURUS XP200A TORCH PACKAGE X 3M EURO	3m	200A	XP 200A
XP200A-40E	TAURUS XP200A TORCH PACKAGE X 4M EURO	4m	200A	XP 200A
XP300A-40E	TAURUS XP300A TORCH PACKAGE X 4M EURO	4m	300A	XP 300A
XP350A-30E	TAURUS XP350A TORCH PACKAGE X 3M EURO	3m	350A	XP 350A
XP350A-40E	TAURUS XP350A TORCH PACKAGE X 4M EURO	4m	350A	XP 350A
XP400A-40E	TAURUS XP400A TORCH PACKAGE X 4M EURO	4m	400A	XP 400A
XP400A-50E	TAURUS XP400A TORCH PACKAGE X 5M EURO	5m	400A	XP 400A
XP450A-40E	TAURUS XP450A WATERCOOLED TORCH X 4M	4m	450A	XP 400A

TAURUS XP CONTACT TIPS

CONTACT TIPS

Taurus XP contact tips are manufactured from a hard and high-conductivity copper alloy which means less frequent replacements which result in savings on welders' downtimes and on consumables. Contact tips guide the welding wire and transfer the current from the conductor tube (swan neck) through the MIG wire to the work piece. In order to ensure the best welding performance, it is important to select the correct size welding tip. An incorrect tip size can lead to problems such as micro-arcing, overheating, friction and wire jamming all resulting in wire burn-back.



NOZZLES

Taurus XP MIG nozzles are precision engineered and have a thicker wall thickness resulting in superior performance and longevity. The nozzle, also known as a shroud, is used to keep the gas at the weld puddle. When the nozzle spatter builds up or if the nozzle becomes damaged due to miss use, wear and tear or overheating, it can cause the shielding process to be uncontrolled which may result in poor welding, lack of penetration and increased spatter. Build-up of spatter between the contact tip and the nozzle can result in shorting. The nozzle cleaning process can be facilitated by using silicon anti spatter spray which makes removal of the spatter easier. The nozzle can also be removed from the MIG torch and a wire brush used to clean off the spatter build-up.



PRODUCT CODE	DESCRIPTION	THREAD	TORCH
XP2003-08	TAURUS XP CONTACT TIP M8 0.8MM 200/300A	M8	XP 200A - 300A
XP2003-09	TAURUS XP CONTACT TIP M8 0.9MM 200/300A	M8	XP 200A - 300A
XP2003-10	TAURUS XP CONTACT TIP M8 1.0MM 200/300A	M8	XP 200A - 300A
XP2003-12	TAURUS XP CONTACT TIP M8 1.2MM 200/300A	M8	XP 200A - 300A
XP3003-09	TAURUS XP CONTACT TIP M10 0.9MM 300-450	M10	XP 300A - 450A
XP3003-10	TAURUS XP CONTACT TIP M10 1.0MM 300-450	M10	XP 300A - 450A
XP3003-12	TAURUS XP CONTACT TIP M10 1.2MM 300-450	M10	XP 300A - 450A
XP3003-14	TAURUS XP CONTACT TIP M10 1.4MM 300-450	M10	XP 300A - 450A
XP3003-16	TAURUS XP CONTACT TIP M10 1.6MM 300-450	M10	XP 300A - 450A
XP3003-18	TAURUS XP CONTACT TIP M10 1.8MM 300-450	M10	XP 300A - 450A

PRODUCT CODE	DESCRIPTION	STYLE	TORCH
XP2002-13	TAURUS XP TAPERED NOZZLE 13MM 200A	TAPERED	XP 200A - 300A
XP2002-16	TAURUS XP CONICAL NOZZLE 16MM 200A	CONICAL	XP 200A - 300A
XP3002-13	TAURUS XP TAPERED NOZZLE 13MM	TAPERED	XP 300A - 450A
XP3002-16	TAURUS XP CONICAL NOZZLE 16MM 300-450A	CONICAL	XP 300A - 450A
XP3002-16L	TAURUS XP CON NOZZLE 16MM L 300-450A	CONICAL	XP 300A - 450A

TAURUS XP LINERS

LINERS

The Taurus XP liner is the guide for the welding wire through the MIG torch to the contact tip. The correct liner is required to ensure smooth, consistent wire feed and high-quality welding. Several criteria such as wire thickness, torch length and type of wire material should be considered when selecting the correct liner. When the internal diameter of the liner is too small for the wire being used, wire feed will be affected. When the internal diameter of the liner is too large for the wire being used, the wire could fold back. When thinner wire is used, erratic feeding or even blockages can occur. Liners need to be cut to the correct length when installed. Wire feeding problems can result from liners cut too short. It should fit tightly against the contact tip. The correct liner should be selected for the type of welding wire used - steel liners for mild steel wires. Aluminium alloy wires require smoother teflon liners and for stainless steel wires harder carbon- teflon liners are required. Regular cleaning of liners is necessary to prevent clogging. Due to friction, liners do wear out and should be replaced periodically.



PRODUCT CODE	DESCRIPTION	LINER TYPE	LENGTH (m)	TORCH
STEEL LINERS				
XP2024-12.30	TAURUS XP LINER CONDUIT 1.0-1.2 X 3M	PVC STEEL LINER	3	XP 200A - 300A
XP2024-12.40	TAURUS XP LINER CONDUIT 1.0-1.2 X 4M	PVC STEEL LINER	4	XP 200A - 300A
XP3524-12-40	TAURUS XP LINER CONDUIT 1.0-1.2 X 4M	PVC STEEL LINER	4	XP 350A - 400A
XP3524-12-50	TAURUS XP LINER CONDUIT 1.0-1.2 X 5M	PVC STEEL LINER	5	XP 350A - 400A
XP3524-16-40	TAURUS XP LINER CONDUIT 1.6 X 4M	PVC STEEL LINER	4	XP 350A - 400A
XP3524-16-50	TAURUS XP LINER CONDUIT 1.6 X 5M	PVC STEEL LINER	5	XP 350A - 400A
LINER NUT		TORCH ADAPTOR TYPE		
Xp2026	TAURUS XP LINER RETAINING NUT 200-450A	EURO	-	XP 200A - 400A

● Solid means recommended ○ Clear means compatible

CODE	LINER TYPE	LENGTH	WIRE SIZE	WIRE TYPE	BZ15	BZ25	BZ36	BZ40
XP2024-12.30	STEEL - PVC COATED	3m	1.0 - 1.2	STEEL WIRES	●	●		
XP2024-12.40	STEEL - PVC COATED	4m	1.0 - 1.2	STEEL WIRES	●	●		
XP3524-12-40	STEEL - PVC COATED	4m	1.0 - 1.2	STEEL WIRES			●	●
XP3524-12-50	STEEL - PVC COATED	5m	1.0 - 1.2	STEEL WIRES			●	●
XP3524-16-40	STEEL - PVC COATED	4m	1.2 - 1.6	STEEL WIRES			●	●
XP3524-16-50	STEEL - PVC COATED	5m	1.2 - 1.6	STEEL WIRES			●	●

TAURUS XP CONDUCTOR TUBE & POWER CABLE

CONDUCTOR TUBES

The Taurus XP conductor tube is the extended section protruding from the torch handle on which the head assembly, contact tip and gas nozzle are mounted. The conductor tube delivers the electrical current, filler wire, and shielding gas on to the weld pool.



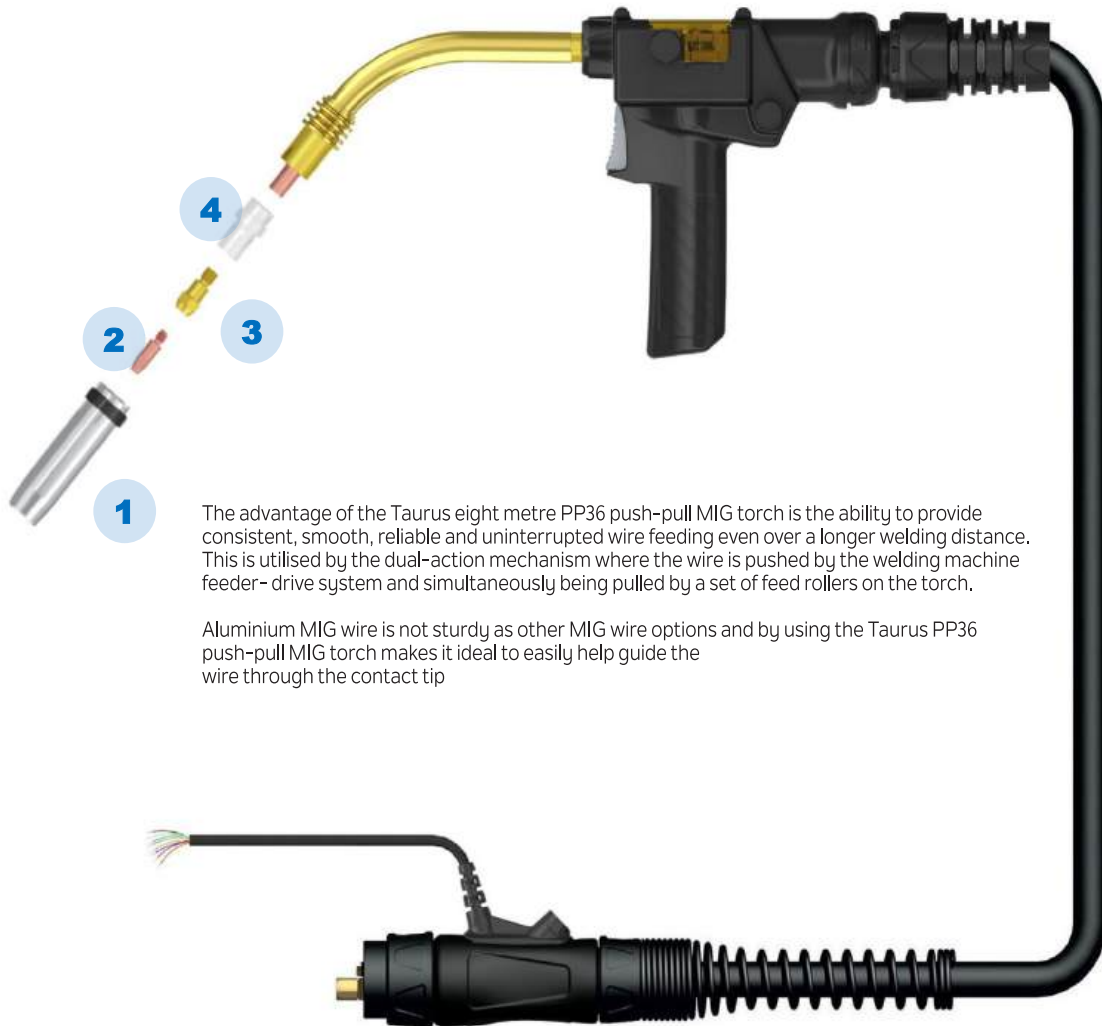
POWER CABLES

The Taurus XP power cable is manufactured from high- quality copper to the correct torch specification and amperage. The power cable delivers current, shielding gas and wire through the MIG torch to the work piece. If the power cable is water cooled, it will also allow water to flow through to the conductor tube to facilitate cooling.



PRODUCT CODE	DESCRIPTION	TORCH
CONDUCTOR TUBES		
Xp2001	TAURUS XP SWAN NECK 200A	XP 200A
Xp3501	TAURUS XP SWAN NECK 350A	XP 350A
POWER CABLE ASSEMBLYS		
XP3510-40	TAURUS XP HYP/FLEX CABLE ASSEM 4M 350A	XP 350A
XP3510-50	TAURUS XP HYP/FLEX CABLE ASSEM 5M 350A	XP 350A

PP36 PUSH-PULL MIG TORCH



1

The advantage of the Taurus eight metre PP36 push-pull MIG torch is the ability to provide consistent, smooth, reliable and uninterrupted wire feeding even over a longer welding distance. This is utilised by the dual-action mechanism where the wire is pushed by the welding machine feeder-drive system and simultaneously being pulled by a set of feed rollers on the torch.

Aluminium MIG wire is not sturdy as other MIG wire options and by using the Taurus PP36 push-pull MIG torch makes it ideal to easily help guide the wire through the contact tip

PRODUCT CODE	DESCRIPTION	ITEM #
	TORCH	
PPA3645-80E	TAURUS PP36 PUSH PULL TORCH X 8M - EURO - BENT NECK	-
	TORCH CONSUMABLES	
-	USE BZ36 TORCH CONSUMBLES	1 + 2 + 3 + 4



TIG TORCHES & ACCESSORIES

The Taurus logo consists of a red swoosh above the word "TAURUS" in a bold, sans-serif font. A registered trademark symbol (®) is located to the upper right of the word.

TAURUS®

TAURUS XP MIG TORCH DIAGRAM



NUMBER	DESCRIPTION
1	CERAMIC NOZZLE
2	COLLET BODIE
3	COLLET
4	FRONT INSULATOR
5	TORCH BODY WITHOUT A VALVE
6	LONG BACK CAP
7	SHORT BACK CAP
8	VALVE
9	TORCH BODY WITH VALVE
10	GAS LENS INSULATOR
11	GAS LENS COLLET BODY
12	GAS LENS CERAMIC
13	HANDLE
14	SWITCH BOOT
15	SWITCH

TAURUS PRO TIG TORCHES

Taurus PRO TIG torches(60% duty cycle), consumables and spares are precision engineered and manufactured from high-quality materials offering the user superior, reliable products. The torch head is encased in high-temperature resistant silicone rubber and all copper components ensure cooler running temperatures and maximum current capacity.

General guidelines to be used before purchasing a TIG torch:

- Ensure a torch is selected with sufficient amperage capacity and duty cycle for the specific application.
- Ensure the torch length is appropriate for the welding application.
- Establish that the torch back-end fittings will connect directly to the welding machine.
- Ensure that front-end consumables of the correct size are at hand.



PRODUCT CODE	DESCRIPTION	LENGTH (m)	COOLING	VALVE	TORCH
TWO-PIECE TIG TORCHES WITH VALVE					
WP9V.8M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & VALVE &COVER	8	AIR	Y	WP9
WP17V.4M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & VALVE & COVER	4	AIR	Y	WP17
WP17V.8M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & VALVE & COVER	8	AIR	Y	WP17
WP26V.4M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & VALVE & COVER	4	AIR	Y	WP26
WP26V.8M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & VALVE & COVER	8	AIR	Y	WP26
TWO-PIECE TIG TORCHES WITH SWITCH					
WP17SB.4M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & SWITCH & COVER	4	AIR	-	WP17
WP17SB.8M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & SWITCH & COVER	8	AIR	-	WP17
WP18.4M.EURO	TAURUS PRO TIG TORCH (EURO/SWITCH/COVER)	4	WATER	-	WP18
WP18.8M.EURO	TAURUS PRO TIG TORCH - EURO STYLE & SWITCH & COVER	8	WATER	-	WP18
WP18.4M.USA	TAURUS PRO TIG TORCH (USA/SWITCH/COVER)	4	WATER	-	WP18
WP18.8M.USA	TAURUS PRO TIG TORCH - USA STYLE & SWITCH & COVER	8	WATER	-	WP18
WP26SB.4M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & SWITCH & COVER	4	AIR	-	WP26
WP26SB.8M.2P	TAURUS PRO TIG TORCH 3/8 NUT - 25MM PLUG & SWITCH & COVER	8	AIR	-	WP26
ONE-PIECE TIG TORCHES WITH SWITCH					
WP26SB.4M.1P	TAURUS PRO TIG TORCH (3/8-NUT/1 PIECE/SWITCH/COVER)	4	AIR	-	WP26
WP26SB.8M.1P	TAURUS PRO TIG TORCH (3/8-NUT/1 PIECE/SWITCH/COVER)	8	AIR	-	WP26

TAURUS PRO-GRIP HEAVY-DUTY TIG TORCHES & SPARES

Taurus PRO-GRIP HEAVY-DUTY TIG torches and spares have a 100% duty cycle. They are precision engineered and manufactured from high-quality materials offering the user superior, reliable products. The torch head is encased in high-temperature resistant silicone rubber and all copper components ensure cooler running temperatures and maximum current capacity.

General guidelines to be used before purchasing a TIG torch:

- Ensure a torch is selected with sufficient amperage capacity and duty cycle for the specific application.
- Ensure the torch length is appropriate for the welding application.
- Establish that the torch back-end fittings will connect directly to the welding machine.
- Ensure that front-end consumables of the correct size are at hand.



PRODUCT CODE	DESCRIPTION	LENGTH (m)	COOLING	VALVE	TORCH
WP17 PRO GRIP TIG TORCHES WITH SWITCH					
WP17SB.4M.2P-PG	TAURUS PRO-GRIP TIG TORCH (3/8-NUT/25MM PLUG/SWITCH/COVER)	4	AIR	N	WP17
WP17SB.8M.2P-PG	TAURUS PRO-GRIP TIG TORCH (3/8-NUT/25MM PLUG/SWITCH/COVER)	8	AIR	N	WP17
WP18 PRO GRIP TIG TORCHES WITH SWITCH					
WP9V.8M.2P	TAURUS PRO-GRIP TIG TORCH (EURO/SWITCH/COVER)	4	WATER	N	WP18
WP18.4M.USA-PG	TAURUS PRO-GRIP TIG TORCH (USA/SWITCH/COVER)	4	WATER	N	WP17
WP18.8M.EURO-PG	TAURUS PRO-GRIP TIG TORCH (EURO/SWITCH/COVER)	8	WATER	N	WP18
WP18.8M.USA-PG	TAURUS PRO-GRIP TIG TORCH (USA/SWITCH/COVER)	8	WATER	N	WP18
WP26 PRO GRIP TIG TORCHES WITH SWITCH					
WP26SB.4M.1P-PG	TAURUS PRO-GRIP TIG TORCH (3/8-NUT/1PIECE/SWITCH/COVER)	4	AIR	-	WP26
WP26SB.4M.2P-PG	TAURUS PRO-GRIP TIG TORCH (3/8-NUT/35MM PLUG/SWITCH/COVER)	4	AIR	-	WP26
WP26SB.8M.1P-PG	TAURUS PRO-GRIP TIG TORCH (3/8-NUT/1PIECE/SWITCH/COVER)	8	AIR	-	WP26
WP26SB.8M.2P-PG	TAURUS PRO-GRIP TIG TORCH (3/8-NUT/35MM PLUG/SWITCH/COVER)	8	AIR	-	WP26
PRO GRIP TIG TORCH SPARES					
1P	TAURUS PRO GRIP 1P-A SWITCH	-	-	-	WP17-18-26
2P	TAURUS PRO GRIP 2P-A SWITCH	-	-	-	WP17-18-26
2V	TAURUS PRO 1PV-10K-A SWITCH	-	-	-	
B1515/PG	PARWELD P/GRIP HANDLE KIT	-	-	-	WP17-18-26
PRO1MS	PARWELD XP SWITCH KIT P/GRIP PRO55	-	-	-	WP17-18-26
PROH200	PARWELD XP TIG HANDLE P/GRIP	-	-	-	WP17-18-26
1P-ADAPTOR.35-50MM	TAURUS TIG TORCH ADAPTOR 1P RANGE (35-50MM/AIR/WATER)	-	-	-	WP17-18-26

TAURUS CERAMIC NOZZLES

Taurus ceramic nozzles, also known as alumina cups, allow the flow of shielding gas to the weld pool.

The larger the nozzle, the larger the shielding area and vice versa.



PRODUCT CODE	DESCRIPTION	TORCH
STANDARD LENGTH		
T13N09	CERAMIC NOZZLE NO 5 - Wp9	WP9
T13N10	CERAMIC NOZZLE NO 6 - Wp9	WP9
T13N11	CERAMIC NOZZLE NO 7 - Wp9	WP9
T13N12	CERAMIC NOZZLE NO 8 - Wp9	WP9
T10N50	CERAMIC NOZZLE NO 4 - WP17/26	WP17 + WP18 + WP26
T10N49	CERAMIC NOZZLE NO 5 - WP17/26	WP17 + WP18 + WP26
T10N48	CERAMIC NOZZLE NO 6 - WP17/26	WP17 + WP18 + WP26
T10N47	CERAMIC NOZZLE NO 7 - WP17/26	WP17 + WP18 + WP26
T10N46	CERAMIC NOZZLE NO 8 - WP17/26	WP17 + WP18 + WP26
T10N45	CERAMIC NOZZLE NO 10 - WP17/26	WP17 + WP18 + WP26
LONG LENGTH		
T10N49L	CERAMIC NOZZLE NO 5 - LONG - WP17/26	WP17 + WP18 + WP26
T10N48L	CERAMIC NOZZLE NO 6 - LONG - WP17/26	WP17 + WP18 + WP26

TAURUS CERAMIC GAS LENS & GAS LENS COLLET BODIES

CERAMIC GAS LENSES

Taurus ceramic gas lenses allow increased shielding gas coverage to the weld pool. The larger the gas lens, the larger the shielding area and vice versa.

GAS LENS COLLET BODIES

Taurus gas lens collet bodies replace the standard collet bodies enabling increased shielding gas coverage and reduced turbulence. Welding discontinuances associated with atmospheric contaminants are also reduced. Gas lens collet bodies are normally manufactured from a copper-brass alloy and equipped with stainless steel mesh screens. Larger gas lens bodies provide improved gas coverage when materials are welded that tend to react to atmospheric contaminants. On complex joints, larger gas lens bodies also allow greater tungsten stick-out to gain better visibility of the weld puddle or to increase access to the joint. Gas lens collet bodies enable higher quality welds, improved gas flow, lower gas consumption and optimal weld puddle shielding.



PRODUCT CODE	DESCRIPTION	SIZE	TORCH
CERAMIC GAS LENSES - STANDARD LENGTH			
T53N58 to T53N61	CERAMIC NOZZLE - GAS LENS - WP9 - SIZE: #4 + #5 + #6 + #7	#4 to #7	WP9
T54N14 to T54N19	CERAMIC NOZZLE - GAS LENS - WP17/26 - SIZE: #4 + #5 + #6 + #7 + #8 + #11	#4 to #11	WP17 + WP18 + WP26
CERAMIC GAS LENSES - LONG LENGTH			
T54N16L to T54N17L	CERAMIC NOZZLE - LONG GAS LENS - WP17/26 - SIZES: #5 + #6	#5 to #6	WP17 + WP18 + Wp26
CERAMIC GAS LENSES - LARGE			
T53N87 - T53N89	CERAMIC NOZZLE - LARGE GAS LENS - WP9 - SIZES: #10 + #12 + #15	#10 - #15	Wp9 TO Wp26
GAS LENS COLLET BODIES - STANDARD			
T45V43 to T45V44	COLLET BODY GAS LENS - WP9 - SIZES: 1.6mm + 2.4mm	1.6mm to 2.4mm	WP9
T45V25 - T45V27	COLLET BODY GAS LENS - WP17/18/26 - SIZES: 1.6mm + 2.4mm + 3.2mm	1.6mm to 3.2mm	WP17 + WP18 + WP26
GAS LENS COLLET BODIES - LARGE			
T45V116	COLLET BODY LARGE GAS LENS - 1.6MM - WP17/26	1.6mm	WP17 + WP18 + Wp26
T45V64	COLLET BODY LARGE GAS LENS - 2.4MM - WP17/26	2.4mm	WP17 + WP18 + WP26
GAS LENS STUBBY COLLET BODIES			
17GL332	COLLET BODY GAS LENS 2.4MM - STUBBY - WP17/18/26	2.4mm	WP17 + WP18 + Wp26

TAURUS TIG TORCH OUTER COVERS

CANVAS SHEATHING OUTER COVER

Taurus canvas sheathing outer covers are manufactured from rubber reinforced canvas. The heat resistant outer cover protects the welding torch cable and hose from friction and welding spatter damage.

RUBBER SHEATHING OUTER COVER

Taurus rubber sheathing outer covers are manufactured from high-quality rubber that is fire resistant and anti-corrosive. The covers protect welding torch cables and hoses from damage.

ZIPPER COVER

The Taurus zipper cover protects the torch cable and gas hose. It is manufactured from wear-resistant and flame-retardant material. It is easy to fit and also for installing replacement parts.



PRODUCT CODE	DESCRIPTION	LENGTH	TORCH
CANVAS SHEATHING OUTER COVER			
VA.PR.25.27	CANVAS SHEATHING (25 X 27)	PER METER	BZ15 + BZ25
VA.PR.45.49	CANVAS SHEATHING (45 X 49)	PER METER	WP17
VA.PR.51.55	CANVAS SHEATHING (51 X 55)	PER METER	BZ501 + INTERCONNECTION CABLE
RUBBER SHEATHING OUTER COVER			
VAGD2123	RUBBER SHEATHING (Wp17)	4m + 8m	4M + 8M
VAGD2628	RUBBER SHEATHING (Wp26)	4m + 8m	WP18 + WP26 + BZ15 + BZ25
ZIPPER COVER			
WC-3-12	ZIPPER COVER 3.6M FOR WP17 TORCH - 80MM	3.6m	WP9 + WP17
WC-3-25	ZIPPER COVER 7.6M FOR WP17 TORCH - 80MM	7.6m	WP9 + WP17
WC-4-12	ZIPPER COVER 3.6M FOR WP26 TORCH - 100MM	3.6m	WP18 + WP26
WC-4-25	ZIPPER COVER 7.6M FOR Wp26 TORCH - 100MM	7.6m	WP18 + WP26
ZIPPER COVER NYLON			
IGG0703	NYLON COVER WITH ZIPPER (8M)	8m	WP9 + WP17 + WP18 + WP26

TAURUS BACKCAPS, VALVES & INSULATORS

BACKCAPS



A Taurus back cap applies pressure to the end of the collet and force it to the collet body. The pressure keeps the tungsten in place and seals the torch from the atmosphere. Three backcaps are available: short, medium and long. They serve the same purpose but for different applications. When operating in a restricted area with limited space, the short backcap will be fitted. However, the tungsten length must be in proportion to the size of the back cap.

VALVES

The Taurus valve allows the operator to open the gas flow before and close it after a welding operation. The valve fits on to the torch body



INSULATORS

TAURUS insulators are seals preventing the shielding gas from escaping and causing irregularities in the weld. The applicable ceramic nozzle will determine the insulator size.



PRODUCT CODE

DESCRIPTION

TORCH

BACKCAPS

T41V33	WP9 BACK CAP - SHORT	WP9
T41V35	WP9 BACK CAP - MEDIUM	WP9
T41V24	WP9 BACK CAP - LONG	WP9
T57Y04	WP17/18/26 BACK CAP - SHORT	WP9
T57Y03	WP17/18/26 BACK CAP - MEDIUM	WP17 + WP18 + WP26
T57Y02	WP17/18/26 BACK CAP - LONG	WP17 + WP18 + WP26

VALVES

TVS2	WP9/17 VALVE	WP9 + WP17
TVS1	WP18/26 VALVE	WP18 + WP26

INSULATORS

T598882	WP9/20 INSULATOR - FRONT	WP9
T18.CG	WP17/18/26 INSULATOR TORCH HEAD - FRONT	WP17 + WP18 + WP26
T18-7	WP17/18/26 INSULATOR - BACK	WP17 + WP18 + WP26
T54N01	WP17/18/26 INSULATOR GAS LENS—FRONT	WP17 + WP18 + WP26
T54N63	WP17/18/26 INSULATOR GAS LENS - LARGE—FRONT	WP17 + WP18 + WP26

TAURUS TORCH BODIES, HANDLES & SWITCHES

TORCH BODIES

A torch body (also known as torch head) is a replacement part on all TIG torch models. The TIG torch body is easily connected to an existing TIG torch cable connector.



SWITCH BOOTS

The Taurus TIG switch boot secures the push-button trigger switch on the handle. It also serves to reduce high frequency interference.



TORCH HANDLES

Taurus TIG torch handles are replacement parts for all torch models. Handles are available in a smooth or ribbed version. The ribbed version is designed for a sturdy grip and fits without a switch boot. The smooth version fits with a switch and switch boot.



TRIGGER SWITCHES

The Taurus trigger switch activates and deactivates the arc and gas flow to the machine.



PRODUCT CODE	DESCRIPTION	TYPE	TORCH
TORCH BODIES			
T9V or T9	T9 TORCH BODY	VALVE or NO VALVE	WP9
T17V or T17	WP17 TORCH BODY	VALVE or NO VALVE	WP17
T18V or T18	WP18 TORCH BODY	VALVE or NO VALVE	WP18
T26V or T26	WP26 TORCH BODY	VALVE or NO VALVE	WP26
FLEXIBLE TORCH BODIES			
T18V-FX	WP18V FLEX NECK TORCH BODY WITH VALVE	VALVE	WP18
T26V-FX	WP26V FLEX NECK TORCH BODY WITH VALVE	VALVE	WP26
TORCH HANDLES			
T.H100 or T.H100R	WP18/26 HANDLE	SMOOTH or RIBBED	WP9 + WP17
T.H200 or T.H200R	COLLET 2.4MM - Wp9	SMOOTH or RIBBED	WP18 + WP26
HANDLE SWITCH BOOTS			
TBW0071	WP9/17 SWITCH BOOT	-	WP9 + WP17
TBW0070	WP18/26 SWITCH BOOT	-	WP18 + WP26
TRIGGER SWITCHES			
TK-01	SWITCH FOR TIG TORCHES	LEVER	WP9 + WP17 + WP18 + WP26
TK-02	TIG SWITCH FOR SWITCH BOOT	BUTTON	WP9 + WP17 + WP18 + WP26

TAURUS COLLETS & COLLET BODIES

COLLETS AND COLLET BODIES

Taurus collets and collet bodies are precision engineered and manufactured from high-quality copper. It ensures that the tungsten electrode in the TIG torch is held and kept in position. The collet body distributes the shielding gas. Once the required tungsten position is established, the back cap can be tightened thereby locking the tungsten in position. This creates a solid contact which is necessary for strong current transfer.



STUBBY

Taurus stubby consumables are engineered to shorten the profile of the TIG torch without sacrificing performance. This allows access to more confined welding locations.

PRODUCT CODE	DESCRIPTION	SIZE	TORCH
COLLETS			
T13N22	COLLET 1.6MM - Wp9	1.6mm	WP9
T13N23	COLLET 2.4MM - Wp9	2.4mm	WP9
T10N23	COLLET 1.6MM - WP17/18/26	1.6mm	WP17 + WP18 + WP26
T10N24	COLLET 2.4MM - WP17/18/26	2.4mm	WP17 + WP18 + WP26
T10N25	COLLET 3.2MM - WP17/18/26	3.2mm	WP17 + WP18 + WP26
STUBBY COLLETS			
T10N23S	COLLET 1.6MM - WP17/18/26 STUBBY	1.6mm	WP17 + WP18 + WP26
T10N24S	COLLET 2.4MM - WP17/18/26 STUBBY	2.4mm	WP17 + WP18 + WP26
T10N25S	COLLET 3.2MM - WP17/18/26 STUBBY	3.2mm	WP17 + WP18 + WP26
COLLET BODIES			
T13N27	COLLET BODY 1.6MM - Wp9	1.6mm	WP9
T13N28	COLLET BODY 2.4MM - Wp9	2.4mm	WP9
T10N31	COLLET BODY 1.6MM - WP17/18/26	1.6mm	WP17 + WP18 + WP26
T10N32	COLLET BODY 2.4MM - WP17/18/26	2.4mm	WP17 + WP18 + WP26
T10N28	COLLET BODY 3.2MM - WP17/18/26	3.2mm	WP17 + WP18 + WP26
STUBBY COLLET BODIES			
T17CB20	COLLET BODY 1.6MM - STUBBY - WP17/18/26	1.6mm	WP17 + WP18 + WP26
T17CB21	COLLET BODY 2.4MM - STUBBY - WP17/18/26	2.4mm	WP17 + WP18 + WP26
T17CB22	COLLET BODY 3.2MM - STUBBY - WP17/18/26	3.2mm	WP17 + WP18 + WP26

A black and white photograph of industrial machinery, likely a welding or cutting machine, in a factory setting. The machine is a large, boxy unit with various components, including a control panel on the right side with some numbers like "000" and "491". The background is slightly blurred, showing other parts of the factory environment. The image is overlaid with a red diagonal band that contains the text "WELDING & CUTTING MACHINES".

WELDING & CUTTING MACHINES



TAURUS MMA 200A WELDER - 220V

The TAURUS MMA 200A single phase, 220V stick-electrode welding machine is designed and manufactured to the latest digital-inverter technology for demanding industrial applications. It is a compact light-weight inverter machine which ensures a clean, high-quality weld and excels in basic and rutile electrode welding. The advanced power input system will detect and handle a voltage drop or a spike of up to 25%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. Professional and DIY welders can experience the built-in characteristics of anti-stick, hot-start and arc-force.

ACCESSORIES

- Earth-clamp cable kit.
- Electrode-holder cable kit.
- Shoulder-strap.
- Hand-held welding helmet.
- Mini chipping hammer with wire brush.

OPTIONAL EXTRAS

- TIG torch
- Argon flowmeter.

SOME KEY FEATURES

- IGBT system.
- 25% Voltage fluctuation safeguard.
- Anti-stick, arc-force, hot start.
- Overheating & overvoltage self-protection.
- Digital display.
- TIG (scratch, not HF).
- Permanent VRD built in.



SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-ARC200
MODEL	ARC-200
RATED POWER SUPPLY INPUT	220V±25% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	35% @ 200A
OPEN CIRCUIT VOLTAGE	56V
WELDING CURRENT RANGE	2.0 - 5.0mm
ELECTRODE SIZE	COLLET 2.4MM - WP17/18/26
DIMENSIONS(mm) AND NET WEIGHT(kg)	465 x 270 x 330mm 5.5kg

TAURUS ARC-200DP PULSE/SYNERGIC WELDER - 220V

The TAURUS ARC 200 DP single phase, 200A, 220V stick-electrode welding machine is designed and manufactured to the latest digital-inverter technology for demanding industrial applications. The pulsed MMA welding system offers even stirring of the molten pool, eliminating porosity and ensures firm and deep penetration welding. It is a compact light-weight inverter machine which ensures a clean, high-quality weld and excels in basic and rutile electrode welding. The advanced power input system will detect and handle a voltage drop or a spike of up to 25%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. Professional and DIY welders can experience the built-in characteristics of anti-stick, hot-start and arc-force.

ACCESSORIES

- Earth-clamp cable kit.
- Electrode-holder cable kit.

OPTIONAL EXTRAS

- TIG torch
- Argon flowmeter.

SOME KEY FEATURES

- IGBT pulse/synergic system.
- 25% Voltage fluctuation safeguard.
- High-resolution LCD screen.
- Permanent VRD.
- Adjustable hot-start arc ignition.
- Enhanced overheating protection.



SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-ARC200DP
MODEL	ARC-200DP
RATED POWER SUPPLY INPUT	220V±25% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 200A
OPEN CIRCUIT VOLTAGE	62V
WELDING CURRENT RANGE	20 - 200A
ELECTRODE SIZE	2.0 - 5.0mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	65 x 225 x 320mm 5.5kg

TAURUS MMA-250VRD HEAVY DUTY WELDER - 220V

The TAURUS MMA 250VRD single phase, 220V stick-electrode welding machine is designed and manufactured to the latest digital-inverter technology for demanding industrial applications. It is a compact light-weight inverter machine which ensures a clean, high-quality weld and excels in basic and rutile electrode welding. Professional and DIY welders can experience the built-in characteristics of anti-stick, hot-start and arc-force. The advanced power input system will detect and handle a voltage drop or a spike of up to 25%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The VRD has an added safety function keeping the output voltage low (lowering the output voltage) when the machine is not in use.

ACCESSORIES

- Earth-clamp cable kit.
- Electrode-holder cable kit.
- Shoulder-strap.

OPTIONAL EXTRAS

- TIG torch
- Argon flowmeter.

SOME KEY FEATURES

- 100% duty cycle at 250A.
- IGBT system.
- 25% Voltage fluctuation safeguard.
- Anti-stick, arc-force, hot start.
- Overheating & overvoltage self-protection.
- Digital display.
- TIG (scratch, not HF).
- Manual on/off voltage reduction device (VRD).

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MMA250VRD
MODEL	TA-MMA-250VRD
RATED POWER SUPPLY INPUT	220V±25% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	100% @ 250A
OPEN CIRCUIT VOLTAGE	WITHOUT VRD (62V) WITH VRD (≤ 15V)
WELDING CURRENT RANGE	15 - 250A
ELECTRODE SIZE	2.0 - 5.0mm
DIMENSIONS(mm) & NET WEIGHT(kg)	530 x 315 x 435mm 10kg



TAURUS MMA-400 WELDER - 380V

This Taurus MMA400 is a 380V, 400A DC MMA welding and gouging inverter machine. With its high-power IGBT and advanced inverter technology, it has good dynamic characteristics, stable arc, good welding quality and is easy to control, etc... The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. It is widely used in mining, petrochemical industry, electric power construction, shipbuilding, machinery manufacturing, building construction, indoor and outdoor decoration, hardware products, furniture manufacturing, kitchen equipment and other industries. The Taurus MMA400 has a reasonable static and external characteristics and good dynamic performance. It is manufactured in accordance with safety requirements for arc welding equipment, IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- The Advanced control technology is used to meet various welding applications and greatly improve welding performance.
- It features easy arc starting, stable arc, less spatter, high metal deposition rate, less deformation and high seam quality.
- Adjustable ignition current and hot start arc ignition adjustment can render to MMA welding, making the function simpler and reliable in a higher degree.
- VRD function anti-electric shock protection attaches importance to personal safety and be in line with international laws and international norms.
- Overheat protection enables high reliability of the welding machine.
- The machine meets IP21S protection level to ensure its reliability in harsh environment.

ACCESSORIES

- Earth clamp cable kit.
- Electrode holder cable kit.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MMA400
MODEL	MMA-400
RATED POWER SUPPLY INPUT	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 400A
OPEN CIRCUIT VOLTAGE	68V
WELDING CURRENT RANGE	20 TO 400A
ELECTRODE SIZE	1.6 TO 6.0mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	647 x 367 x 542mm 18KG



TAURUS MMA-400L HEAVY DUTY WELDER - 380/525V

This Taurus MMA400L is a dual voltage, 400A DC MMA welding and gouging inverter machine. With its high-power IGBT and advanced inverter technology, it has good dynamic characteristics, stable arc, good welding quality and is easy to control, etc... The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. It is widely used in mining, petrochemical industry, electric power construction, shipbuilding, machinery manufacturing, building construction, indoor and outdoor decoration, hardware products, furniture manufacturing, kitchen equipment and other industries. The Taurus MMA400L has a reasonable static and external characteristics and good dynamic performance. It is manufactured in accordance with safety requirements for arc welding equipment, IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- A high duty cycle of 80% at 400A.
- The Advanced control technology is used to meet various welding applications and greatly improve welding performance.
- It features easy arc starting, stable arc, less spatter, high metal deposition rate, less deformation and high seam quality.
- Adjustable ignition current and hot start arc ignition adjustment can render to MMA welding, making the function simpler and reliable in a higher degree.
- VRD function anti-electric shock protection attaches importance to personal safety and be in line with international laws and international norms.
- Overheat protection enables high reliability of the welding machine.
- The machine meets IP21S protection level to ensure its reliability in harsh environment.

ACCESSORIES

- Earth clamp cable kit.
- Electrode holder cable kit.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MMA400L
MODEL	MMA-400L
RATED POWER SUPPLY INPUT	380/525V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	80% @ 400A
OPEN CIRCUIT VOLTAGE	68V
WELDING CURRENT RANGE	20 TO 400A
ELECTRODE SIZE	1.6 TO 6.0mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	647 x 367 x 542mm 19KG



TAURUS MMA-630 WELDER/GOUGING - 380V

This Taurus MMA630 is a 380V, 630A DC MMA welding and gouging inverter machine. With its high-power IGBT and advanced inverter technology, it has good dynamic characteristics, stable arc, good welding quality and is easy to control, etc... The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. It is widely used in mining, petrochemical industry, electric power construction, shipbuilding, machinery manufacturing, building construction, indoor and outdoor decoration, hardware products, furniture manufacturing, kitchen equipment and other industries. The Taurus MMA630 has a reasonable static and external characteristics and good dynamic performance. It is manufactured in accordance with safety requirements for arc welding equipment, IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- A high duty cycle of 80% at 630A.
- The Advanced control technology is used to meet various welding applications and greatly improve welding performance.
- It features easy arc starting, stable arc, less spatter, high metal deposition rate, less deformation and high seam quality.
- Adjustable ignition current and hot start arc ignition adjustment can render to MMA welding, making the function simpler and reliable in a higher degree.
- VRD function anti-electric shock protection attaches importance to personal safety and be in line with international laws and international norms.
- Overheat protection enables high reliability of the welding machine.
- The machine meets IP21S protection level to ensure its reliability in harsh environment.

ACCESSORIES

- Earth clamp cable kit.
- Electrode holder cable kit.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MMA630
MODEL	MMA-630
RATED POWER SUPPLY INPUT	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	80% @ 630A
OPEN CIRCUIT VOLTAGE	77V
WELDING CURRENT RANGE	20 TO 630A
ELECTRODE SIZE	1.6 TO 6.0mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	647 x 367 x 542mm 24KG



TAURUS MMA-630L HEAVY DUTY GOUGING - 380/525V

This Taurus MMA630L is a dual voltage, 630A DC MMA welding and gouging inverter machine. With it's high-power IGBT and advanced inverter technology, it has good dynamic characteristics, stable arc, good welding quality and is easy to control, etc... The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. It is widely used in mining, petrochemical industry, electric power construction, shipbuilding, machinery manufacturing, building construction, indoor and out-door decoration, hardware products, furniture manufacturing, kitchen equipment and other industries. The Taurus MMA630L has a reasonable static and external characteristics and good dynamic performance. It is manufactured in accordance with safety requirements for arc welding equipment, IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- A high duty cycle of 80% at 630A.
- The Advanced control technology is used to meet various welding applications and greatly improve welding performance.
- It features easy arc starting, stable arc, less spatter, high metal deposition rate, less deformation and high seam quality.
- Adjustable ignition current and hot start arc ignition adjustment can render to MMA welding, making the function simpler and reliable in a higher degree.
- VRD function anti-electric shock protection attaches important to personal safety and be in line with international laws and international norms.
- Overheat protection enables high reliability of the welding machine.
- The machine meets IP21S protection level to ensure its reliability in harsh environment.

ACCESSORIES

- Earth clamp cable kit.
- Electrode holder cable kit.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MMA630L
MODEL	MMA-630L
RATED POWER SUPPLY INPUT	380/525V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	80% @ 630A
OPEN CIRCUIT VOLTAGE	77V
WELDING CURRENT RANGE	20 TO 630A
ELECTRODE SIZE	1.6 TO 6.0mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	647 x 367 x 542mm27KG



TAURUS TIG-DC-200A PULSE WELDER - 220V

The Taurus TIG DC 200A PULSE inverter is a robust, generator-friendly machine designed and manufactured for operation under demanding industrial conditions. The advanced power input system will detect and handle a voltage drop or a spike of up to 25%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The two main built-in functions, pulse welds and high frequency ignition, ensure professional ease of welding and high-quality welds. The pulse function facilitates control over the welding process and prevents burn-through on the workpiece. The high frequency ignition creates a very soft start arc and maximum arc control. This obviates the need to touch the workpiece with the tungsten electrode. Both functions have a great advantage when welding thin material.

ACCESSORIES

- Earth clamp cable kit.
- Electrode cable kit.
- TIG torch.
- Argon flowmeter

SOME KEY FEATURES

- IGBT system.
- 25% Voltage fluctuation safeguard.
- Heavy duty.
- Soft, stable arc.
- High quality welds.
- LCD digital display.
- Pulse welding and high frequency ignition.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-TIG200DC-HF-P
MODEL	TA-TIG200DC-HF-P
RATED POWER SUPPLY INPUT	220V±25% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 200A 100% @155A
OPEN CIRCUIT VOLTAGE	62V
WELDING CURRENT RANGE	20 - 200A
DIMENSIONS(mm) AND NET WEIGHT(kg)	320 x 160 x 300mm8kg



TAURUS TIG-AC/DC-200A PULSE WELDER - 220V

The Taurus TIG AC/DC 200A PULSE inverter is a robust, generator-friendly machine designed and manufactured for operation under demanding industrial conditions. The advanced power input system will detect and handle a voltage drop or a spike of up to 20%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The two main built-in functions, pulse welds and high frequency ignition, ensure professional ease of welding and high-quality welds. The pulse function facilitates control over the welding process and prevents burn-through on the workpiece. The high frequency ignition creates a very soft start arc as well as maximum arc control. This obviates the need to touch the workpiece with the tungsten electrode. Both functions have a great advantage when welding thin material. The Taurus TIG AC/DC 200A PULSE inverter's selection panel allows welding with either AC or DC current - in AC mode for aluminium welding or in DC mode for all steel and steel alloy materials.

ACCESSORIES

- Earth clamp cable kit.
- Electrode holder cable kit.
- TIG torch.
- Argon flowmeter..

OPTIONAL EXTRA

- Foot control if AC welding is required (TA-FOOT-CONTROL).

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-TIG200ACDC-HF-P
MODEL	TA-TIG200ACDC-HF-P
RATED POWER SUPPLY INPUT	220V±20% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 200A 100% @155A
OPEN CIRCUIT VOLTAGE	56V
WELDING CURRENT RANGE	5 - 200A
DIMENSIONS(mm) AND NET WEIGHT(kg)	500 x 220 x 400mm 12kg



TAURUS TIG-200i-AC/DC PULSE WELDER - 220V

The Taurus TIG 200i AC/DC PULSE inverter is a robust, generator-friendly machine designed and manufactured for operation under demanding industrial conditions. The advanced power input system will detect and handle a voltage drop or a spike of up to 20%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The two main built-in functions, pulse welds and high frequency ignition, ensure professional ease of welding and high-quality welds. The pulse function facilitates control over the welding process and prevents burn-through on the workpiece. The high frequency ignition creates a very soft start arc as well as maximum arc control. This obviates the need to touch the workpiece with the tungsten electrode. Both functions have a great advantage when welding thin material. The Taurus TIG 200i AC/DC PULSE inverter's selection panel allows welding with either AC or DC current - in AC mode for aluminium welding or in DC mode for all steel and steel alloy materials. It has good static characteristics, their dynamic performance is equally good and they are manufactured in accordance with IEC60974-1 <Arc Welding Equipment - Part 1: Welding Power Sources>, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- Multi-function digital control featuring DC TIG, pulsed DC TIG, pulsed AC TIG and MMA welding in one unit.
- A 20% Voltage fluctuation safeguard.
- Excellent arc force performance and a wide cleaning range all contributing to high quality welding results.
- The high-frequency, high-voltage arc ignition circuit produces excellent arc-starting at 99.9% success rate which all contribute to its suitability for various types of spot welding.
- Pulsed welding with adjustable pulse frequency ensures the successful welding of thin and varying thickness metal sheets and dissimilar metals. It also meets the requirements for forming double-sided welds.
- In case of wire-spitting during the welding process, a foot control allows current increase resulting in rapid temperature increase. Decreasing the current output allows continuation of a weld seam. Using a foot control adds to welding efficiency, reduces difficulties during the welding process and improves welding quality.

ACCESSORIES

- Earth clamp cable kit.
- Electrode holder cable kit.
- TIG torch.
- Argon flowmeter.

OPTIONAL EXTRA

- Foot control if AC welding is required (TA-FOOT-CONTROL).

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-TIG200i-ACDC
MODEL	TA-TIG200i-ACDC
RATED POWER SUPPLY INPUT	220V±20% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 200A
OPEN CIRCUIT VOLTAGE	60V
WELDING CURRENT RANGE	10 - 200A(TIG) 10A - 170A(MMA)
DIMENSIONS(mm) AND NET WEIGHT(kg)	490 x 300 x 330mm 13.5kg



TAURUS TIG-AC/DC-300PI WELDER - 380V (AIR-COOLED)

This Taurus TIG300PI AC/DC is a 300A, 380V AC/DC TIG inverter welding machine. With its high-power IGBT and advanced inverter technology, it has good dynamic characteristics, stable arc, good welding quality and is easy to control, etc... The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. Suitable for welding non-ferrous metal material, like stainless steel, alloy steel, carbon steel, and copper, etc. and can be applied to electric power construction, building construction, hardware products, furniture manufacturing, kitchen equipment and other industries. When the output is set to alternating current, it is used to weld aluminum alloy and aluminum alloy materials, for example, bicycle frame welding, indoor and outdoor decoration, etc ... This Taurus TIG300 PI AC/DC inverter welding machine has a reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IEC60974-1, Safety Requirements for Arc.

ACCESSORIES

- Earth clamp cable kit.
- TIG torch.
- Argon flowmeter.
- Trolley

SOME KEY FEATURES

- Multi function, digital controlled welding machines featuring DC TIG, pulsed DC TIG pulsed AC TIG and MMA welding in on simple designed, light and small size unit.
- Multi layer control circuit boards ensure high reliability and a long service life.
- Excellent arc force performance and a wide cleaning range, a combination ensuring high quality welding results.
- Easy arc start facilitated by the high frequency, high voltage arc ignition circuit and stable, reliable arc performance.
- Pulsed welding with adjustable pulse frequency ensuring high quality welding on thin metal sheet, dissimilar metals, varying thickness materials and even for double sided forming welds.
- Foot control available to adjust current freely, improve welding efficiency, reduce welding difficulties and ensure welding quality. Increase current for rapid heating and decrease current to generate a weld seam.
- Overheat protection improves machine reliability.

OPTIONAL EXTRA

- Foot control.
- Water cooling unit.
- Water cooled TIG torch.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-TIG300AC/DC-PI
MODEL	TIG-300PI ACDC
RATED POWER SUPPLY INPUT	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 300A
OPEN CIRCUIT VOLTAGE	70V
WELDING CURRENT RANGE	10 TO 300A (TIG) 20 TO 250A (MMA)
DIMENSIONS(mm) AND NET WEIGHT(kg)	630 x 315 x 530mm22KG



TAURUS TIG 300PI AC/DC WELDER - 380V (WATER-COOLED)

This Taurus TIG300PI AC/DC is a 300A, 380V AC/DC TIG inverter welding machine. With its high-power IGBT and advanced inverter technology, it has good dynamic characteristics, stable arc, good welding quality and is to control, etc... The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. Suitable for welding non-ferrous metal material, like stainless steel, alloy steel, carbon steel, and copper, etc. and can be applied to electric power construction, building construction, hardware products, furniture manufacturing, kitchen equipment and other industries. When the output is set to alternating current, it is used to weld aluminum alloy and aluminum alloy materials, for example, bicycle frame welding, indoor and outdoor decoration, etc ... This Taurus TIG300 PI AC/DC inverter welding machine has a reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IE- C60974-1, Safety Requirements for Arc.

ACCESSORIES

- Earth clamp cable kit.
- TIG torch.
- Argon flowmeter.
- Trolley
- Watercooler

SOME KEY FEATURES

- Multi function, digital controlled welding machines featuring DC TIG, pulsed DC TIG pulsed AC TIG and MMA welding in one simple designed, light and small size unit.
- Multi layer control circuit boards ensure high reliability and a long service life.
- The secondary inverter technology produces a pure square wave output, excellent arc force performance and a wide cleaning range, a combination ensuring high quality welding results.
- Easy arc start facilitated by the high frequency, high voltage arc ignition circuit and stable, reliable arc performance.
- Pulsed welding with adjustable pulse frequency ensuring high quality welding on thin metal sheet, dissimilar metals, varying thickness materials and even for double sided forming welds.
- Foot control available to adjust current freely, improve welding efficiency, reduce welding difficulties and ensure welding quality. Increase current for rapid heating and decrease current to generate a weld seam.
- Overheat protection improves machine reliability.

OPTIONAL EXTRA

- Foot control.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-TIG300AC/DC-PI
MODEL	TIG-300PI ACDC
RATED POWER SUPPLY INPUT	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 300A
OPEN CIRCUIT VOLTAGE	70V
WELDING CURRENT RANGE	10 TO 300A (TIG) 20 TO 250A (MMA)
DIMENSIONS(mm) AND NET WEIGHT(kg)	630 x 315 x 530mm22KG



TAURUS MIG/MMA-205T COMPACT WELDER - 220V

This Taurus MIG-205T welding machine is a high performance semi-automatic welding machine for CO₂ and mixed gas shielded welding. The advanced power input system will detect and handle a voltage drop or a spike of up to 25%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. It can weld low carbon steel, low alloy steel, stainless steel and other components. It uses 0.8- 1.0mm diameter stainless steel welding wire, steel wire, flux-cored wire and other solid wire. It is portable can be applied to fabrication and other industries. This MIG inverter welding machines have reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- Uncomplicated design and appearance. The multi layer control circuit board and solid machine structure facilitate easy maintenance.
- High efficiency and duty cycle and a noiseless rectifier.
- A 25% Voltage fluctuation safeguard.
- A stable welding process and excellent arc self regulation is ensured by the closed loop control system regulating a stable voltage in cases of grid voltage fluctuation.
- Less spatter and a high metal deposition rate. as well as excellent weld seam appearance and low metal distortion.
- Troubleshooting is minimised by the protection circuit ensuring safety and reliability.
- The MMA function allows the use of a variety of different diameter electrodes such as acid, alkaline, stainless steel, and cast iron.

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG205T
MODEL	MIG205T
RATED POWER SUPPLY INPUT	220V±25% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	35% @ 200A
OPEN CIRCUIT VOLTAGE	56V
WELDING CURRENT RANGE	50 TO 200A
WIRE DIAMETER	0.8 TO 1.0mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	640 x 370 x 450mm 18.5KG



TAURUS MIG/MMA-245T COMPACT WELDER - 220V

This Taurus MIG-245T welding machine is a high performance semi-automatic welding machine for CO₂ and mixed gas shielded welding. The advanced power input system will detect and handle a voltage drop or a spike of up to 25%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. It can weld low carbon steel, low alloy steel, stainless steel and other components. It uses 0.8- 1.0mm diameter stainless steel welding wire, steel wire, flux-cored wire and other solid wire. It is portable can be applied to fabrication and other industries. This MIG inverter welding machines have reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- Uncomplicated design and appearance. The multi layer control circuit board and solid machine structure facilitate easy maintenance.
- High efficiency and duty cycle and a noiseless rectifier.
- A 25% Voltage fluctuation safeguard.
- A stable welding process and excellent arc self regulation is ensured by the closed loop control system regulating a stable voltage in cases of grid voltage fluctuation.
- Less spatter and a high metal deposition rate. as well as excellent weld seam appearance and low metal distortion.
- Troubleshooting is minimised by the protection circuit ensuring safety and reliability.
- The MMA function allows the use of a variety of different diameter electrodes such as acid, alkaline, stainless steel, and cast iron.

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG245T
MODEL	MIG245T
RATED POWER SUPPLY INPUT	220V±25% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	35% @ 240A
OPEN CIRCUIT VOLTAGE	58V
WELDING CURRENT RANGE	50 TO 240A
WIRE DIAMETER	0.8 TO 1.2mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	640 x 370 x 450mm 18.9KG



TAURUS MIG/MMA-250TD COMPACT WELDER - 220V

This Taurus MIG-250TD welding machine is a high performance semi-automatic welding machine for CO₂ and mixed gas shielded welding. It can weld low carbon steel, low alloy steel, stainless steel, galvanized sheet, copper and other components. It uses 0.8- 1.2mm diameter stainless steel welding wire, steel wire, gasless wire and other solid wire. The advanced power input system will detect and handle a voltage drop or a spike of up to 25%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. It can be applied to electric power construction, shipbuilding, machinery manufacturing, building construction, fabrication and other industries. This MIG inverter welding machines have reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- The undercarriage with cylinder trolley makes it easy to move.
- Precise digital output by digital CPU control system
- All in one energy saving multiple welding functions.
- High efficiency and duty cycle, with no noise from arc welding rectifier.
- The closed-loop control system ensures a more stable welding voltage in the case of grid voltage fluctuation and the change of arc length.
- An excellent arc self-regulation, and a stable welding process.
- Less spatter and high metal deposition rate giving a good welding bead and less deformation.
- MMA function is designed to weld with different diameter electrodes and various electrodes like acid, alkaline, stainless steel, cast iron, etc with excellent performance.
- With perfect protection circuitry and a 25% Voltage fluctuation safeguard. It is safe, reliable and convenient for troubleshooting.
- Reasonable structure, simple layout and easy maintenance.
- The machine meets IP21S protection level to ensure its reliability in harsh environment.

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG250TD
MODEL	MIG250TD
RATED POWER SUPPLY INPUT	220V±25% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 250A
OPEN CIRCUIT VOLTAGE	52V
WELDING CURRENT RANGE	50 TO 250A
WIRE DIAMETER	0.8 TO 1.2mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	740 x 375 x 750mm 41KG



TAURUS MIG/MMA-300TD COMPACT WELDER - 380V

This Taurus MIG-300TD welding machine is a high performance semi-automatic welding machine for CO₂ and mixed gas shielded welding. It can weld low carbon steel, low alloy steel, stainless steel, galvanized sheet, copper and other components. It uses 0.8- 1.2mm diameter stainless steel welding wire, steel wire, gasless wire and other solid wire. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. It can be applied to electric power construction, ship building, machinery manufacturing, building construction, fabrication and other industries. This MIG inverter welding machines have reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- The undercarriage with cylinder trolley makes it easy to move.
- Precise digital output by digital CPU control system
- All in one energy saving multiple welding functions.
- High efficiency and duty cycle, with no noise from arc welding rectifier.
- The closed-loop control system ensures a more stable welding voltage in the case of grid voltage fluctuation and the change of arc length.
- An excellent arc self-regulation, and a stable welding process.
- Less spatter and high metal deposition rate giving a good welding bead and less deformation.
- MMA function is designed to weld with different diameter electrodes and various electrodes like acid, alkaline, stainless steel, cast iron, etc with excellent performance.
- With perfect protection circuitry, it is safe, reliable and convenient for trouble shooting.
- Reasonable structure, simple layout and easy maintenance.
- The machine meets IP21S protection level to ensure its reliability in harsh environment.

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG300TD
MODEL	MIG300TD
RATED POWER SUPPLY INPUT	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 300A
OPEN CIRCUIT VOLTAGE	55V
WELDING CURRENT RANGE	50 TO 300A
WIRE DIAMETER	0.8 TO 1.2mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	740 x 375 x 750mm 42KG



TAURUS MIG/MMA-160i PORTABLE WELDER - 220V

This Taurus MIG-160i welding machine is a high performance semi-automatic welding machine for CO₂ and mixed gas shielded welding. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. It can weld low carbon steel, low alloy steel, stainless steel and other components. It uses 0.8- 1.0mm diameter stainless steel welding wire, steel wire, flux-cored wire and other solid wire. It is portable can be applied to fabrication and other industries. This MIG inverter welding machines have reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- Easy maintenance ensured through simple design, small size, light weight, multilayer control circuit board and proper machine structure.
- A simple operation interface facilitates synergic adjustment and ease of operation.
- High efficiency and duty cycle and a noiseless rectifier.
- The closed loop control system ensures a stable welding voltage when a grid voltage fluctuation and change of arc length occurs. It also ensures excellent arc self regulation and a stable welding process.
- Less spatter and a high metal deposition rate. as well as excellent weld seam appearance and low metal distortion.
- Troubleshooting is minimised by the protection circuit ensuring safety and reliability.

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG160I
MODEL	MIG160i
RATED POWER SUPPLY INPUT	220V±15% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 160A
OPEN CIRCUIT VOLTAGE	60V
WELDING CURRENT RANGE	30 TO 160A
WIRE DIAMETER	0.8 TO 1.0mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	515 x 312 x 390mm 8KG



TAURUS MIG/MMA-350i WELDER WITH SEPARATE WIRE FEEDER - 380V

This Taurus MIG350i is a 380v, 500A MIG welding inverter machine. With it's high-power IGBT and advanced inverter technology, it has good dynamic characteristics, stable arc, good welding quality and is easy to control. It's a high performance semi-automatic welding machine for CO₂ and mixed gas shielded welding. It can weld low carbon steel, low alloy steel, stainless steel, galvanized sheet, copper and other components, using 0.8- 1.6mm diameter stainless steel welding wire, steel wire and other solid wire. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. This Taurus MIG350i is widely used in industries such as electric power construction, shipbuilding, machinery manufacturing, building construction, fabrication and other industries. It has reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- Precise digital output by digital CPU control system,
- All in one multiple welding functions allows for MIG gas welding, MIG flux core welding, DC MMA welding and DC lift TIG welding.
- Easy to move, energy saving, high efficiency and duty cycle with no noise from arc welding rectifier.
- The closed-loop control system ensures a more stable welding voltage in the case of grid voltage fluctuation and the change of arc length
- An excellent arc self-regulation, and a stable welding process.
- Less spatter, high metal deposition rate, good welding bead sand less deformation.
- With self-locking function, it can greatly reduce the welder's labour intensity when welding large-scale and long welding seam.
- MMA function is designed to weld various electrodes like acid, alkaline, stainless steel, cast iron, etc with excellent performance.
- Perfect protection circuit makes it safe, reliable and convenient for troubleshooting.
- The machine meets IP21S protection level to ensure its reliability in harsh environment.

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.
- Trolley
- Interconnection cab

OPTIONAL EXTRAS

- Water cooling unit
- Water cooled MIG gun

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG350I
MODEL	MIG-350I
RATED POWER SUPPLY INPUT	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 350A
OPEN CIRCUIT VOLTAGE	67V
WELDING CURRENT RANGE	60 TO 350A
WIRE DIAMETER	0.8 TO 1.6mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	710 x 385 x 680mm 18KG (PSU) - 565 x 275 x 392mm 28KG (FEEDER)



TAURUS MIG/MMA-500i WELDER WITH SEPERATE WIREFEEDER - 380V (AIR-COOLED)

This Taurus MIG500i is a 380v, 500A MIG welding inverter machine. With it's high-power IGBT and advanced inverter technology, it has good dynamic characteristics, stable arc, good welding quality and is easy to control. It's a high performance semi-automatic welding machine for CO2 and mixed gas shielded welding. It can weld low carbon steel, low alloy steel, stainless steel, galvanized sheet, copper and other components, using 0.8- 1.6mm diameter stainless steel welding wire, steel wire and other solid wire. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. This Taurus MIG500i is widely used in industries such as electric power construction, shipbuilding, machinery manufacturing, building construction, fabrication and other industries. It has reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- Precise digital output by digital CPU control system,
- All in one multiple welding functions allows for MIG gas welding, MIG flux core welding, DC MMA welding and DC lift TIG welding.
- Easy to move, energy saving, high efficiency and duty cycle with no noise from arc welding rectifier.
- The closed-loop control system ensures a more stable welding voltage in the case of grid voltage fluctuation and the change of arc length
- An excellent arc self-regulation, and a stable welding process.
- Less spatter, high metal deposition rate, good welding bead sand less deformation.
- With self-locking function, it can greatly reduce the welder's labour inten- sity when welding large-scale and long welding seam.
- MMA function is designed to weld various electrodes like acid, alkaline, stainless steel, cast iron, etc with excellent performance.
- Perfect protection circuit makes it safe, reliable and convenient for trou- bleshooting.
- The machine meets IP21S protection level to ensure its reliability in harsh environment.

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.
- Trolley
- Interconnection cable

OPTIONAL EXTRAS

- Water cooling unit
- Water cooled MIG gun

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG500I
MODEL	MIG-500I
RATED POWER SUPPLY INPUT	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 500A
OPEN CIRCUIT VOLTAGE	70V
WELDING CURRENT RANGE	60 TO 500A
WIRE DIAMETER	0.8 TO 1.6mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	740 x 405 x 710mm 20KG (PSU) 565 x 275 x 392mm 37KG (FEEDER)



TAURUS MIG/MMA-500i WELDER WITH SEPERATE WIREFEEDER - 380V (WATER-COOLED)

This Taurus MIG500i is a 380v, 500A MIG welding inverter machine. With it's high-power IGBT and advanced inverter technology, it has good dynamic characteristics, stable arc, good welding quality and is easy to control. It's a high performance semi-automatic welding machine for CO2 and mixed gas shielded welding. It can weld low carbon steel, low alloy steel, stainless steel, galvanized sheet, copper and other components, using 0.8- 1.6mm diameter stainless steel welding wire, steel wire and other solid wire. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, unin- terrupted operation. This Taurus MIG500i is widely used in industries such as electric power construction, shipbuilding, machinery manufacturing, building construction, fabrication and other industries. It has reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- Precise digital output by digital CPU control system,
- All in one multiple welding functions allows for MIG gas welding, MIG flux core welding, DC MMA welding and DC lift TIG welding.
- Easy to move, energy saving, high efficiency and duty cycle with no noise from arc welding rectifier.
- The closed-loop control system ensures a more stable welding voltage in the case of grid voltage fluctuation and the change of arc length
- An excellent arc self-regulation, and a stable welding process.
- Less spatter, high metal deposition rate, good welding bead sand less deformation.
- With self-locking function, it can greatly reduce the welder's labour intensity when welding large-scale and long welding seam.
- MMA function is designed to weld various electrodes like acid, alkaline, stainless steel, cast iron, etc with excellent performance.
- Perfect protection circuit makes it safe, reliable and convenient for troubleshooting.
- The machine meets IP21S protection level to ensure its reliability in harsh environment

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.
- Trolley
- Watercooler
- Interconnection cable

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG500I
MODEL	MIG-500I
RATED POWER SUPPLY INPUT	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 500A
OPEN CIRCUIT VOLTAGE	70V
WELDING CURRENT RANGE	60 TO 500A
WIRE DIAMETER	0.8 TO 1.6mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	740 x 405 x 710mm 20KG (PSU) 565 x 275 x 392mm 37KG (FEEDER)



TAURUS MIG/MMA-500L-PRO WELDER WITH SEPERATE WIREFEEDER - 380/525V (AIR-COOLED)

This Taurus MIG500LPRO is a 380v/525v dual voltage, 500A MIG welding inverter machine. With it's high-power IGBT and advanced inverter technology, it has good dynamic characteristics, stable arc, good welding quality and is easy to control. It is a high performance semi-automatic welding machine for CO2 and mixed gas shielded welding. It can weld low carbon steel, low alloy steel, stainless steel, galvanized sheet, copper and other components, using 0.8- 1.6mm diameter stainless steel welding wire, steel wire and other solid wire. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safe- guard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The Taurus MIG500LPRO is widely used in industries such as mining, elec- tric power construction, shipbuilding, machinery manufacturing, building construction, fabrication and other industries. They have reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equip- ment.

SOME KEY FEATURES

- Simple appearance design, small size, light weight, multilayer control circuit board and proper machine structure ensures easy maintenance.
- The closed-loop control system ensures a more stable welding voltage in the case of grid voltage fluctuation and the change of arc length.
- An excellent arc self-regulation, and a stable welding process.
- High efficiency, 80% duty cycle and no noise from arc welding rectifier.
- Simple and easy operational interface with synergic adjustment.
- Less spatter and high metal deposition rate.
- Nice welding bead and less deformation.
- The self-locking function can greatly reduce the welder's labour intensity when welding large-scale and long welding seam.
- MMA function is designed to weld various electrodes like acid, alkaline, stainless steel, cast iron, etc with excellent performance.
- With perfect protection circuit, it is safe, reliable and convenient for troubleshooting.
- The machine meets IP21S protection level to ensure its reliability in harsh environment

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.
- Trolley
- Interconnection cable

OPTIONAL EXTRAS

- Water cooling unit
- Water cooled MIG gun

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG500LPRO
MODEL	MIG500LPRO
RATED POWER SUPPLY INPUT	380/525V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	80% @ 500A
OPEN CIRCUIT VOLTAGE	65V
WELDING CURRENT RANGE	40 TO 500A
WIRE DIAMETER	1.0 TO 1.6mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	822 x 390 x 632mm 67.3KG (PSU) 715 x 340 x 500mm 87.4KG (FEEDER)



TAURUS MIG/MMA-500L-PRO WELDER WITH SEPERATE WIREFEEDER - 380/525V (WATER-COOLED)

This Taurus MIG500LPRO is a 380v/525v dual voltage, 500A MIG welding inverter machine. With it's high-power IGBT and advanced inverter technology, it has good dynamic characteristics, stable arc, good welding quality and is easy to control. It is a high performance semi-automatic welding machine for CO2 and mixed gas shielded welding. It can weld low carbon steel, low alloy steel, stainless steel, galvanized sheet, copper and other components, using 0.8- 1.6mm diameter stainless steel welding wire, steel wire and other solid wire. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safe- guard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The Taurus MIG500LPRO is widely used in industries such as mining, electric power construction, shipbuilding, machinery manufacturing, building construction, fabrication and other industries. They have reasonable static characteristics and good dynamic performance and they are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equip- ment.

SOME KEY FEATURES

- Simple appearance design, small size, light weight, multilayer control circuit board and proper machine structure ensures easy maintenance.
- The closed-loop control system ensures a more stable welding voltage in the case of grid voltage fluctuation and the change of arc length.
- An excellent arc self-regulation, and a stable welding process.
- High efficiency, 80% duty cycle and no noise from arc welding rectifier.
- Simple and easy operational interface with synergic adjustment.
- Less spatter and high metal deposition rate.
- Nice welding bead and less deformation. The self-locking function can greatly reduce the welder's labour intensity when welding large-scale and long welding seam.
- MMA function is designed to weld various electrodes like acid, alkaline, stainless steel, cast iron, etc with excellent performance.
- With perfect protection circuit, it is safe, reliable and convenient for troubleshooting.
- The machine meets IP21S protection level to ensure its reliability in harsh environment.

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.
- Trolley
- Interconnection cable
- Watercooler

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG500LPRO-WC
MODEL	MIG500LPRO
RATED POWER SUPPLY INPUT	380/525V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	80% @ 500A
OPEN CIRCUIT VOLTAGE	65V
WELDING CURRENT RANGE	40 TO 500A
WIRE DIAMETER	1.0 TO 1.6mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	822 x 390 x 632mm 67.3KG (PSU) 715 x 340 x 500mm 87.4KG (FEEDER)



TAURUS MIG/MMA-500 DOUBLE PULSED WELDER WITH SEPARATE FEEDER - 380V (AIR-COOLED)

This Taurus MIG-500PLUS is high-performance, inverter pulse MIG machine is designed for Argon or CO2 and mixed-gas welding on aluminium, aluminium alloys, low-carbon steel, low-alloy steel, stainless steel and copper. Aluminium welding wire (4043/5356), carbon steel (ER50-6/ER70S-6) wire and stainless steel wire as well as other solid or flux-cored wires can be used. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The machine offers good dynamic performance and static characteristics. Like other machines in this series, it meets the GB15579.1-2013 safety requirements for arc welding equipment and the JB/T7824-1995 requirements for inverter arc-welding rectifiers. It also complies with the GB/T10249-1998 standards of electric welding machines.

SOME KEY FEATURES

- Multiple functions combined in one machine. Digital ARM+MCU control system ensuring precise digital output.
- Good reliability combined with rapid dynamic response ensured by the IGBT high-frequency, soft-switch inverter technology.
- The closed-loop control system guarantees a stable welding voltage in cases of grid-voltage and arc-length fluctuation. Self-adjustment of arc length and a stable welding process are remarkable characteristics.
- Negligible splatter and a high metal deposition rate.
- Good quality welding seam with very small deformation.
- High arc-ignition success rate with a strong pulse-start arc.
- Smooth wire feed assisted by a stable power supply. Up to 10 sets of stored welding programs allow saving in operating time.
- A special four-step function suits the welding of metals with good thermal conductivity while offering perfect welding quality.
- Various interfaces available for connecting welding robots and other welding machines.
- Safe and reliable protection circuit and easy system for fault finding.
- High efficiency and energy saving, high load duration and no-noise rectifier.
- Reasonable structure, simple layout and easy maintenance.

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.
- Trolley
- Interconnection cable

OPTIONAL EXTRAS

- Water cooling unit
- Water cooled MIG gun

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG500PLUS
MODEL	MIG-500PLUS
RATED POWER SUPPLY INPUT	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 500A
OPEN CIRCUIT VOLTAGE	65V
WELDING CURRENT RANGE	30 TO 500A
WIRE DIAMETER	0.8 TO 1.6mm
DIMENSIONS(mm) AND NET WEIGHT(kg)	1030 x 550 x 850mm 79KG (PSU) 750 x 360 x 550mm 24KG (FEEDER)



TAURUS MIG/MMA-500 DOUBLE PULSED WELDER WITH SEPARATE FEEDER - 380V (WATER-COOLED)

This Taurus MIG-500PLUS is high-performance, inverter pulse MIG machine is designed for Argon or CO2 and mixed-gas welding on aluminium, aluminium alloys, low-carbon steel, low-alloy steel, stainless steel and copper. Aluminium welding wire (4043/5356), carbon steel (ER50-6/ER70S-6) wire and stainless steel wire as well as other solid or flux-cored wires can be used. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The machine offers good dynamic performance and static characteristics. Like other machines in this series, it meets the GB15579.1-2013 safety requirements for arc welding equipment and the JB/T7824-1995 requirements for inverter arc-welding rectifiers. It also complies with the GB/T10249-1998 standards of electric welding machines.

SOME KEY FEATURES

- Multiple functions combined in one machine. Digital ARM+MCU control system ensuring precise digital output.
- Good reliability combined with rapid dynamic response ensured by the IGBT high-frequency, soft-switch inverter technology.
- The closed-loop control system guarantees a stable welding voltage in cases of grid-voltage and arc-length fluctuation. Self-adjustment of arc length and a stable welding process are remarkable characteristics.
- Negligible splatter and a high metal deposition rate.
- Good quality welding seam with very small deformation.
- High arc-ignition success rate with a strong pulse-start arc.
- Smooth wire feed assisted by a stable power supply.
- Up to 10 sets of stored welding programs allow saving in operating time.
- A special four-step function suits the welding of metals with good thermal conductivity while offering perfect welding quality.
- Various interfaces available for connecting welding robots and other welding machines.
- Safe and reliable protection circuit and easy system for fault finding.
- High efficiency and energy saving, high load duration and no-noise rectifier.
- Reasonable structure, simple layout and easy maintenance.

ACCESSORIES

- Earth clamp cable kit.
- MIG torch.
- Argon flowmeter.
- Trolley
- Interconnection cable
- Watercooler

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-MIG500PLUS-WC
MODEL	MIG-500PLUS
RATED POWER SUPPLY INPUT	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 500A
OPEN CIRCUIT VOLTAGE	65V
WELDING CURRENT RANGE	30 TO 500A
WIRE DIAMETER	30 TO 500A
DIMENSIONS(mm) AND NET WEIGHT(kg)	1030 x 550 x 850mm 79KG (PSU) 750 x 360 x 550mm 24KG (FEEDER)



TAURUS CUT-40PA PLASMA CUTTER - 220V

This Taurus CUT40PA is a 40A, 220v single phase air plasma cutting machine. It produces a stronger, more concentrated and stable electric arc. The temperature of the arc can reach a high ionization state, forming a powerful plasma arc which allows metal to be cut quickly by plasma arc. The heat affected zone is reduced as much as possible and the energy is used more effectively giving a super smooth cutting surface. It can be used for cutting various metal materials such as stainless steel, aluminium, copper, cast iron and carbon steel. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The Taurus CUT4PA features a fast cutting speed, narrow cutting seam, clean cut, small heat affected zone, low deformation, simple operation and outstanding energy saving effect. It's suitable for manufacturing, installation and maintenance of various machinery and metal structures, cutting thin plates, opening holes, patching, beveling, cutting pipes and other cutting processes. It is widely used in aerial work, outdoor work, indoor and outdoor decoration, shipyard steel plate, petrochemical equipment, construction site and other industries. The Taurus plasma cutting machines are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- Small size, light weight, extended cutting time, easy to move and especially suited for applications requiring mobility and working at elevated areas.
- Integrated filtered pressure regulator and water trap.
- Reliable overheat, over-current and over-voltage protection.
- Easy arc striking and stable arc allow easy arc control.
- Accurate preset current ensures a clean cut, energy-saving performance on workpieces of differing thickness.
- Narrow cutting seam, clean cutting edge and no deformation.
- The IP21S grade ensures reliability even under harsh environmental conditions.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-CUT40PA
MODEL	CUT-40
POWER SUPPLY VOLTAGE	220V±15% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 40A
OPEN CIRCUIT VOLTAGE	270V
OUTPUT CURRENT RANGE	15 TO 40A
MAXIMUM QUALITY CUT THICKNESS (MILD STEEL)	8mm
SEVERANCE CUT THICKNESS (MILD STEEL)	12mm
PACKAGE DIMENSIONS(MM) AND NET WEIGHT(KG)	422 x 156 x 275mm 8.13KG

ACCESSORIES

- Earth clamp cable kit.
- P60(AG60) plasma torch.



TAURUS CUT-40D PLASMA CUTTER WITH BUILT-IN COMPRESSOR - 220V

This Taurus CUT40D is a 40A, 220v single phase air plasma cutting machine with a built-in air compressor. It produces a stronger, more concentrated and stable electric arc. The temperature of the arc can reach a high ionization state, forming a powerful plasma arc which allows metal to be cut quickly by plasma arc. The heat affected zone is reduced as much as possible and the energy is used more effectively giving a super smooth cutting surface. It can be used for cutting various metal materials such as stainless steel, aluminium, copper, cast iron and carbon steel. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The Taurus CUT40D features a fast cutting speed, narrow cutting seam, clean cut, small heat affected zone, low deformation, simple operation and outstanding energy saving effect. It's suitable for manufacturing, installation and maintenance of various machinery and metal structures, cutting thin plates, opening holes, patching, beveling, cutting pipes and other cutting processes. It is widely used in aerial work, outdoor work, indoor and outdoor decoration, shipyard steel plate, petrochemical equipment, construction site and other industries. The Taurus plasma cutting machines are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- Simple-design appearance, portable in size, high reliability and more durable.
- Built-in reliable high-power air compressor, no additional gas source is required, stable gas output after long-term use.
- Reliable cutting machine with overheat, over-current and over-voltage protection functions.
- The arc starting system adopts the principle of high frequency oscillation which is easy to start arc and with high success rate of arc starting.
- A dual options of a built-in air compressor and an external air source which can be switched quickly, and may be more suitable for long-time working environment.
- Gas detection can detect whether the gas volume is sufficient before cutting to ensure smooth cutting process.
- Accurate cutting current preset ensures good cutting effect and energy saving effect making it more convenient to operate and suitable for cutting work-pieces with different thicknesses.
- Due to the IP21S protection grade, this cutting machine works reliably even under harsh environmental conditions.

ACCESSORIES

- Earth clamp cable kit.
- P60(AG60) plasma torch.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-CUT40D
MODEL	CUT40D AIR
POWER SUPPLY VOLTAGE	220V±15% SINGLE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 40A
OPEN CIRCUIT VOLTAGE	65V
OUTPUT CURRENT RANGE	20 TO 40A
MAXIMUM QUALITY CUT THICKNESS (MILD STEEL)	6mm (BUILT-IN COMPRESSOR) 8mm (EXTERNAL COMPRESSOR)
SEVERANCE CUT THICKNESS (MILD STEEL)	12mm (BUILT-IN COMPRESSOR) 16mm (EXTERNAL COMPRESSOR)
PACKAGE DIMENSIONS(MM) AND NET WEIGHT(KG)	530 x 325 x 400mm 20.5KG



TAURUS CUT70i PLASMA CUTTER - 380V

This Taurus CUT-70i is a 70A, 380v three phase air plasma cutting machine. It produces a stronger, more concentrated and stable electric arc. The temperature of the arc can reach a high ionization state, forming a powerful plasma arc which allows metal to be cut quickly by plasma arc. The heat affected zone is reduced as much as possible and the energy is used more effectively giving a super smooth cutting surface. It can be used for cutting various metal materials such as stainless steel, aluminium, copper, cast iron and carbon steel. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The Taurus CUT-70i features a fast cutting speed, narrow cutting seam, clean cut, small heat affected zone, low deformation, simple operation and outstanding energy saving effect. It's suitable for manufacturing, installation and maintenance of various machinery and metal structures, cutting thin plates, opening holes, patching, beveling, cutting pipes and other cutting processes. It is widely used in aerial work, outdoor work, indoor and outdoor decoration, shipyard steel plate, petrochemical equipment, construction site and other industries. The Taurus plasma cutting machines are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- Various protection such as moisture-proof, dust-proof, electromagnetic-interference-proof and, effective electronic protection.
- Adjustable post gas flow time base on the actual need and adjust the dead time to save the energy.
- Gas detection can detect whether the gas volume is sufficient before cutting to ensure smooth cutting process.
- Adjustable Pre-flow and post-flow cooling
- Adopts a non-contact high-frequency arc starting pilot arc function, excellent instant arc starting performance and a high arc starting success rate.
- Accurate cutting current preset ensures good cutting effect and energy saving effect with more convenient to operate and suitable for cutting work-pieces with different thicknesses, narrow cutting seam, clean cutting edge and anti-deformation.
- Arc ignition system adopt principle of high frequency oscillation with characteristic of pilot arc, easy starting arc and high success rate of arc ignition.
- This is a reliable cutting machine with overheat, over-current and over-voltage protection functions.
- Due to the IP21S protection grade, this cutting machine works reliably even Under harsh environmental conditions.

ACCESSORIES

- Earth clamp cable kit.
- P80 plasma torch

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-CUT-70I
MODEL	CUT-70I
POWER SUPPLY VOLTAGE	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 70A
OPEN CIRCUIT VOLTAGE	285V
OUTPUT CURRENT RANGE	30 TO 70A
MAXIMUM QUALITY CUT THICKNESS (MILD STEEL)	20mm
SEVERANCE CUT THICKNESS (MILD STEEL)	30mm
PACKAGE DIMENSIONS(MM) AND NET WEIGHT(KG)	595 x 315 x 530mm 30KG



TAURUS CUT120i PLASMA CUTTER - 380V

This Taurus CUT120i is a 120A, 380v three phase air plasma cutting machine. It produces a stronger, more concentrated and stable electric arc. The temperature of the arc can reach a high ionization state, forming a powerful plasma arc which allows metal to be cut quickly by plasma arc. The heat affected zone is reduced as much as possible and the energy is used more effectively giving a super smooth cutting surface. It can be used for cutting various metal materials such as stainless steel, aluminium, copper, cast iron and carbon steel. The advanced power input system will detect and handle a voltage drop or a spike of up to 15%. This will not only safeguard the machine against damage resulting from erratic power supply, but will also ensure smooth, uninterrupted operation. The Taurus CUT120i features a fast cutting speed, narrow cutting seam, clean cut, small heat affected zone, low deformation, simple operation and outstanding energy saving effect. It's suitable for manufacturing, installation and maintenance of various machinery and metal structures, cutting thin plates, opening holes, patching, beveling, cutting pipes and other cutting processes. It is widely used in aerial work, outdoor work, indoor and outdoor decoration, shipyard steel plate, petrochemical equipment, construction site and other industries. The Taurus plasma cutting machines are manufactured in accordance with IEC60974-1, Safety Requirements for Arc Welding Equipment.

SOME KEY FEATURES

- Various protection such as moisture-proof, dust-proof, electromagnetic-interference-proof and, effective electronic protection.
- Arc ignition system adopt principle of high frequency oscillation with characteristic of pilot arc, easy starting arc and high success rate of arc ignition.
- Adjustable post gas flow time base on the actual need and adjust the dead time to save the energy.
- Adopts a non-contact high-frequency arc starting pilot arc function, excellent instant arc starting performance and a high arc starting success rate.
- Gas detection can detect whether the gas volume is sufficient before cutting to ensure smooth cutting process.
- Adjustable Pre-flow and post-flow cooling
- Accurate cutting current preset ensures good cutting effect and energy saving effect with more convenient to operate and suitable for cutting work-pieces with different thicknesses, narrow cutting seam, clean cutting edge and anti-deformation.
- This is a reliable cutting machine with overheat, over-current and over-voltage protection functions.
- Due to the IP21S protection grade, this cutting machine works reliably even Under harsh environmental conditions.

ACCESSORIES

- Earth clamp cable kit.
- A141 plasma torch.

SPECIFICATION	DESCRIPTION
PRODUCT CODE	TA-CUT-120I
MODEL	CUT-120I
POWER SUPPLY VOLTAGE	380V±15% THREE PHASE
DUTY CYCLE 40°C @ 10 MINUTES	60% @ 120A
OPEN CIRCUIT VOLTAGE	300V
OUTPUT CURRENT RANGE	30 TO 120A
MAXIMUM QUALITY CUT THICKNESS (MILD STEEL)	30mm
SEVERANCE CUT THICKNESS (MILD STEEL)	50mm
PACKAGE DIMENSIONS(MM) AND NET WEIGHT(KG)	710 x 385 x 630mm 41KG

