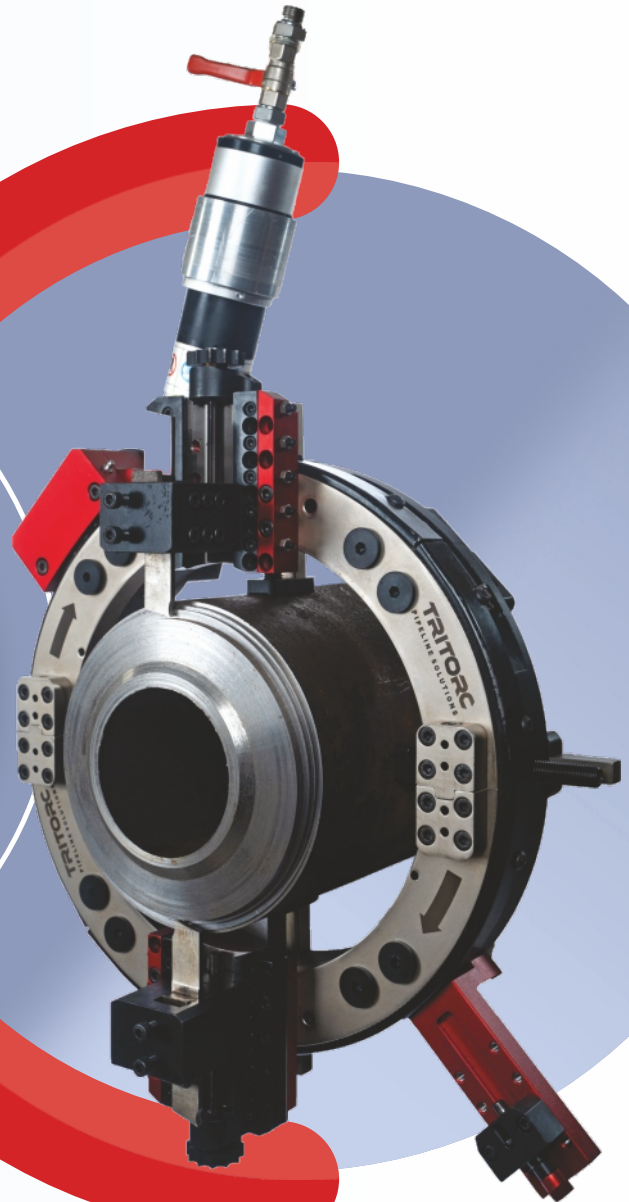
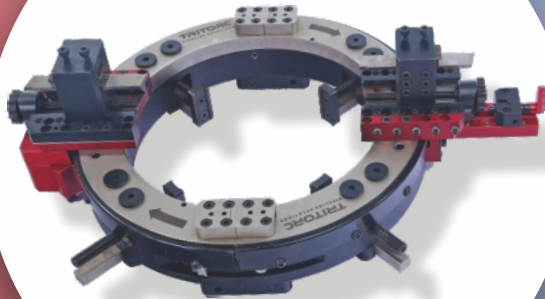


# TRITORC



## PIPE CUTTING AND BEVELLING MACHINES

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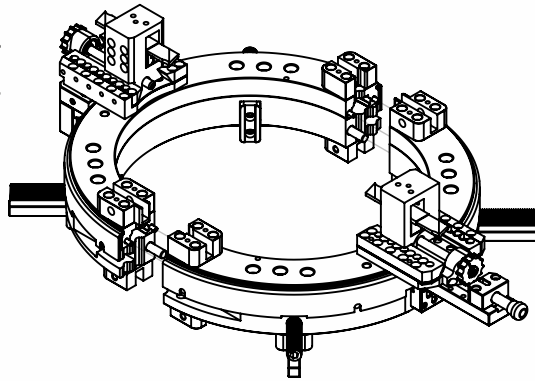
IN-SITU MACHINING

# TSF SERIES

## OD-MOUNTED PIPE CUTTING AND BEVELLING EQUIPMENTS PIPE CUTTING AND BEVELLING MACHINES

The TSF Series Machine is ideal for all types of Pipe Cutting, Beveling And End Preparation Operations. The Split Frame design allows the machine to split in half at the frame and mount around the OD of the in-line pipe or fittings for strong, stable clamping. For safety purposes, wherein hot working is not possible, flame less / spark free cutting can be carried out.

- Easier assembly and disassembly of frames halves with Split Frame Technology.
- Quickly splits and install on outer dia of the pipe.
- Simultaneously Cuts & Bevels resulting in Precise Finishing.
- Low Axial and Radial Clearance.
- Auto Feed for Cutting & Beveling.
- J Bevel: Various Degree & Radius.
- Multiple Motor Positioning.
- Modular Tool Slides



### Drive Options:

Pneumatic, Hydraulic & Electric

### Air Requirement:

100 CFM @ 0.7/0.8Mpa

### Hydraulic Requirement:

2-60L per min. @12.5Mpa

### Power Supply:

380-440V, 3Phase, 50/60Hz

### Electric Requirement:

220-240V 1PH 50/60HZ

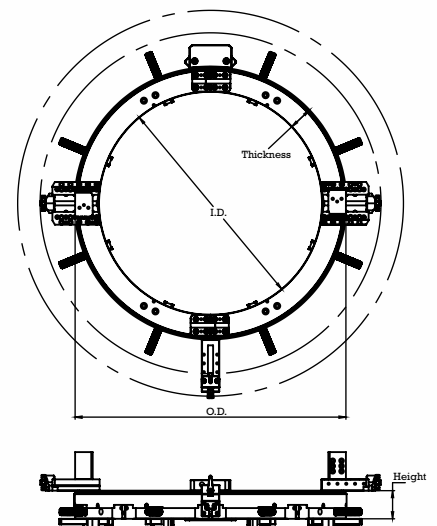
Cut and Bevel any material of any Wall Thickness.

Pipe End Preparation joints can be performed as Standard Bevel, Compound Bevel & J Bevel

Standard Bevel: 30° & 37.5°  
Compound Bevel: 10 × 37° & 10 × 37.5°

### Technical Data of Various Machine Models:

MODEL No.	RANGE Inch	MACHINE ID mm	MACHINE OD mm	THICKNESS mm	HEIGHT mm	WEIGHT kg
TSF-6	2-6	184	324	70	80	38.3
TSF-8	2-8	238	378	70	80	40.5
TSF-10	4-10	292	432	70	80	49
TSF-12	6-12	343	483	70	80	55.8
TSF-14	8-14	373	513	70	80	57
TSF-16	10-16	422	562	70	80	60.8
TSF-18	12-18	482	622	70	80	64.2
TSF-20	14-20	526	666	70	80	68.9
TSF-22	16-22	578	718	70	80	70.1
TSF-24	18-24	634	774	70	80	77.3
TSF-28	22-28	739	923	92	83	128.7
TSF-30	24-30	799	983	92	83	134.8
TSF-36	30-36	958	1142	92	83	147.3
TSF-42	36-42	1108	1292	92	83	166.5
TSF-48	42-48	1258	1442	92	83	180
TSF-56	48-56	1473	1657	92	83	185
TSF-60	54-60	1573	1763	95	94	211
TSF-66	60-66	1729	1916	93.5	94	224
TSF-72	66-72	1867	2054	93.5	94	237.3



### Air Operated Motor



Torque: 117 Nm  
 Power: 3.77 HP  
 Tested at @ 0.6Mpa  
 Compressed air

#### Advantages:

- Explosion Proof
- Stable Performance
- Simple structure makes it easy to maintain

### Electric Operated Motor



Model: W24-230MVT  
 230V- 50/60HZ 2400W 11.0A  
 N 6600/Min (rpm)

### Hydraulic Operated Motor



Power Supply: 380-440V 3PH 50/60HZ  
 2-60L per minute @12.5Mpa

#### Advantages:

- Stable Performance & High Efficiency
- Low Noise & Adjustable Speed
- Ideal for Heavy Wall Thickness

## TOOLING CHART - PIPE CUTTING & BEVELLING MACHINE

Specially designed to suit the most critical applications with restricted access. These Tools are rigid, however they are compact and light weight to facilitate portability and ease of use.

CUTTING TOOLS			
DESCRIPTION	PART NUMBER	APPLICATION	SKETCH
Material: HSS Width: 25mm Thk: 6mm Length: 150mm	PT-BS-RH-6X25X150	Standard Cutting, for most material up to 30mm	
Material: HSS Width: 25mm Thk: 6mm Length: 200mm	PT-BS-RH-6X25X200	Longer Cutting Tool, both end have blade, for most material up to 60mm cutting job only, with 2C -8200	
Material: HSS Width: 25mm Thk: 8mm Length: 200mm	PT-BS-RH-8X25X200	Longer Cutting Tool, both end have blade, for most material up to 60mm cutting job only	
BEVELLING TOOLS			
Material: HSS Width: 25mm Thick: 25mm Length: 150mm	BT-BS-RH- 25X25X150-37.5°	Right Hand Standard Beveling Tool for most materials, up to 30mm	
Material: HSS Width: 25mm Thk: 25mm Length: 200mm	BT-BS-RH- 25X25X200-37.5°	Right Hand Standard Beveling tool for most materials, up to 60mm	
Material: HSS Width: 25mm Thk: 25mm Length: 150mm	CBT-SS-RH- 25X25X150-10°-37.5°	Right Hand 10x37.5° as per ASME B[16].25 For most material, up to 30mm	
COUNTER BORING TOOL			
Material: HSS	CBT-15°	For Pipe Counter Boring used on counter boring tool slid	

# TRITORC

**Perfect Product, Unmatched Quality.**  
**No Ambiguity, Full Accountability.**  
**Uncompromising Quality, Unbeatable Prices.**

## OUR PRESENCE



## OUR PRESENCE

### TRITORC EQUIPMENTS PVT. LTD.

Kripam House, Plot No. A-158,  
Road No. 25, Wagle Industrial Estate,  
Thane - 400604, INDIA.  
Tel.: 022 - 4126 6028

### TRITORC ENGINEERING SERVICES & TRADING LLC

P.O. Box 590, P.C 111 / Misfah Indl. Area,  
Block 2 / Plot 5502, Baushar,  
Sultanate of Oman. Tel.: +968 - 95381059

### TRITORC KSA

Jubail, Tel.: +966 - 54 613 3431  
+966 - 58 067 3032

### TRITORC FZC

P6 - 081, Saif Zone,  
P.O. Box - 513586, Sharjah, UAE.  
Tel.: +971 - 65529407

### TRITORC OILFIELD & EQUIPMENT SERVICES LLC

M11 Musaffah, P.O. Box No- 93050,  
Abu Dhabi, UAE. Tel.: +971 - 24464927

### TRITORC INC.

5041, Spencer Highway Suite,  
#302, Pasadena, Texas - 77505.  
Tel.: +1 (832) - 831-4342

### TRITORC QATAR

#### C/o Trading & Agency Services (TRAGS)

P.O. Box - 1884, Doha, Qatar.  
Tel.: +974 - 4446 2900

### TRITORC KUWAIT

P.O. Box 5114, Salmiya, Kuwait.  
Tel.: +965 - 94167197

### TRITORC NIGERIA

Port Harcourt, Nigeria.  
Tel.: +234 - 818 604 4310

### TRITORC ALGERIA

Algiers, Tel.: +213 - 6 60605386