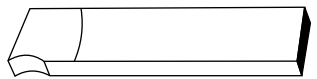
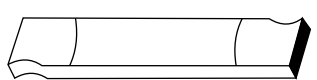
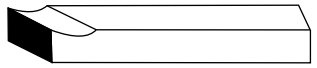
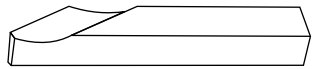

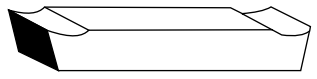



Split-Frame Cold Pipe Cutting & Beveling Machines

Split-Frame Cold Pipe Cutting & Beveling Machines

Cutting & Beveling Tools

Cutting Tools			
Description	Part Number	Application	Sketch
5x25x100mm M42 Cutting tool	540032	Standard cutting, for most materials up to 30mm	
6x25x200mm M42 Cutting tool	540033	Longer cutting tool, both ends have blade, for most materials up to 60mm	
8x25x200mm M42 Cutting tool	540034	Longer cutting tool, both ends have blade, for most materials up to 60mm	
Beveling Tools			
Description	Part Number	Application	Sketch
M42 Beveling tool 12x20x104mm	540020	Right hand Standard beveling tool for most materials up to 30mm	
	540021		
	540022		
	540023		
	540024		
M42 Beveling tool 12x20x104mm	540025	Left hand Standard beveling tool for most materials up to 30mm	
	540026		
M42 Compound Beveling tool 12x20x104mm	540027	Right hand 10°x30°, for most material up to 30mm	
	540028	Right hand 10°x37.5° as per ASME B(16). 25 for most material, up to 30mm	
M42 Beveling tool 25x25x200mm	540029	Longer Beveling tool, both ends have blade for most materials up to 60mm. Fit the heavy wall tool slide.	
	540030		
	540031		
Counterboring Tools			
Description	Part Number	Application	Sketch
M42 Counterboring tool	540053	For pipe Counterboring install on the counterboring tool slide	

Note : Tools are available for special weld geometries & thick Walled Pipes.

OD-Mounted Pipe Cutting & Beveling Machine

This series of machines are ideal for all types of Pipe Cutting, Beveling and End preparation. The Split-Frame Design allows the machine to split in half at the frame and mount around the OD for in-line pipe cutting or fitting for strong, stable clamping. The equipment performs precision in-line cut or simultaneous cut/bevel, single point, counterbore and flange facing operations, as well as weld end preparation on open ended pipe, Ranging from 1 to 48 inches O.D. (DN20-1400), on most wall thicknesses and steel types.

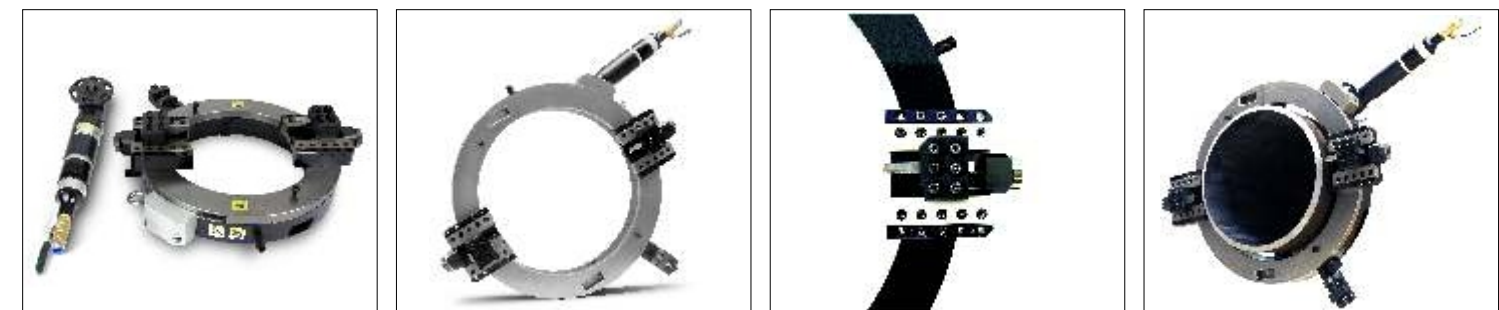
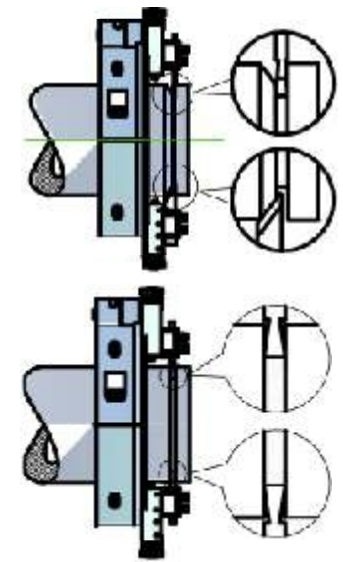


Lightweight Aluminum & Steel SPLIT-FRAME BODY



Features

- **Split-Frame**
Machine quickly split to mount around outside diameter of in-line pipe
- **Cut or Cut/Bevel simultaneously**
Cuts and bevels simultaneously leaving a clean precision prep ready for welding
- **Cold Cut/Bevel**
Hot torch cutting requires grinding and produces an undesirable heat affected zone
Cold cutting / beveling improve safety & there is no heat affected zone.
- **Low Axial & Radial Clearance**
- **Tool feed automatic**
Cut and bevel pipe of any wall thickness
- **Materials include : Carbon steel, alloy, stainless steel as well as other material**
- **Pneumatic, Electric and Hydraulic drive option**
- **Machining OD of pipe from 1" upto 48"**



TORC STAR BOLTING TOOLS

INDIA OFFICE :
 Plot No. 268, Pandey Industrial Estate,
 Pokhran Road No. 1, Upvan, Thane (W) 400 606, India.
 Tel.: 91-22-2585 3106 / 2588 4343
 Email: sales@torcstar.com
 Website: www.torcstar.com

USA OFFICE :
 1736 125th Avenue SE
 Bellevue, WA 98005
 Tel.: #334-714-0945
 Email: usa@torcstar.com



Split-Frame Cold Pipe Cutting & Beveling Machines

Split-Frame Cold Pipe Cutting & Beveling Machines

Specification

Drive Option : Pneumatic, Hydraulic & Electric
 Air requirement : 1500L - 3000L Per minute @0.6/0.7Mpa
 Hydraulic requirement : 2 - 60L per minute @12.5Mpa
 Electric requirement : 220 - 240V, 1PH, 50Hz
 Feed mode : Star wheel, automatic feeding
 Feed rate : Fixed @0.08mm per revolution



Air Motor

Power Supply : 1500 - 3000L/min @0.6/0.7Mpa

Advantage

Explosion Proof
 Stable Performance
 Simple structure makes easy to maintainance
 Occasionally overload no damage

Hydraulic Motor

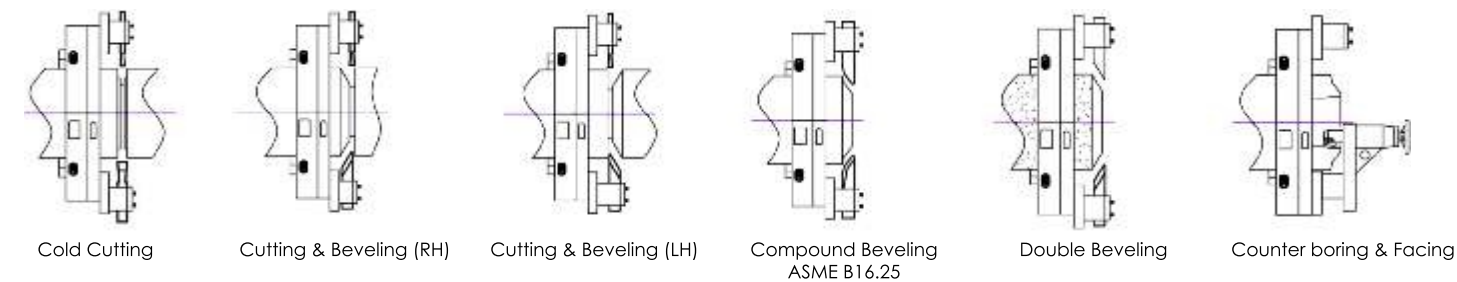
Power Supply : 415V, 3PH, 50Hz
 32 - 36Lit per minute

Advantage

Powerful drive, High efficiency, Stable Performance, Low noise,
 Adjustable speed, Ideal for heavy wall thickness & large size pipe

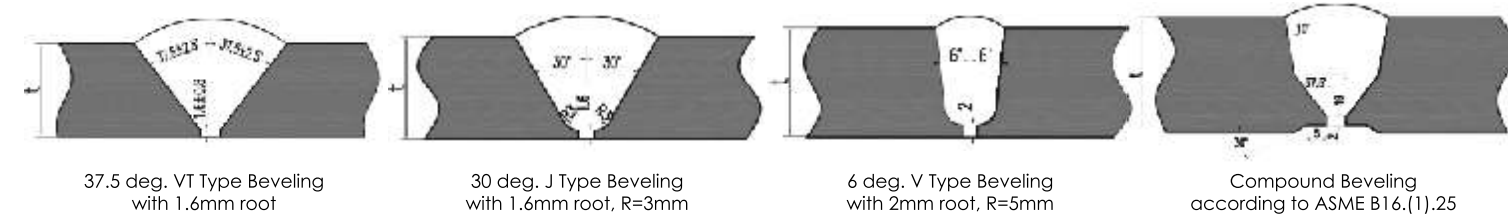


Schematic View



Typical Buttwelding Joint

Different welding requirement and welding technology always required different welding seam.



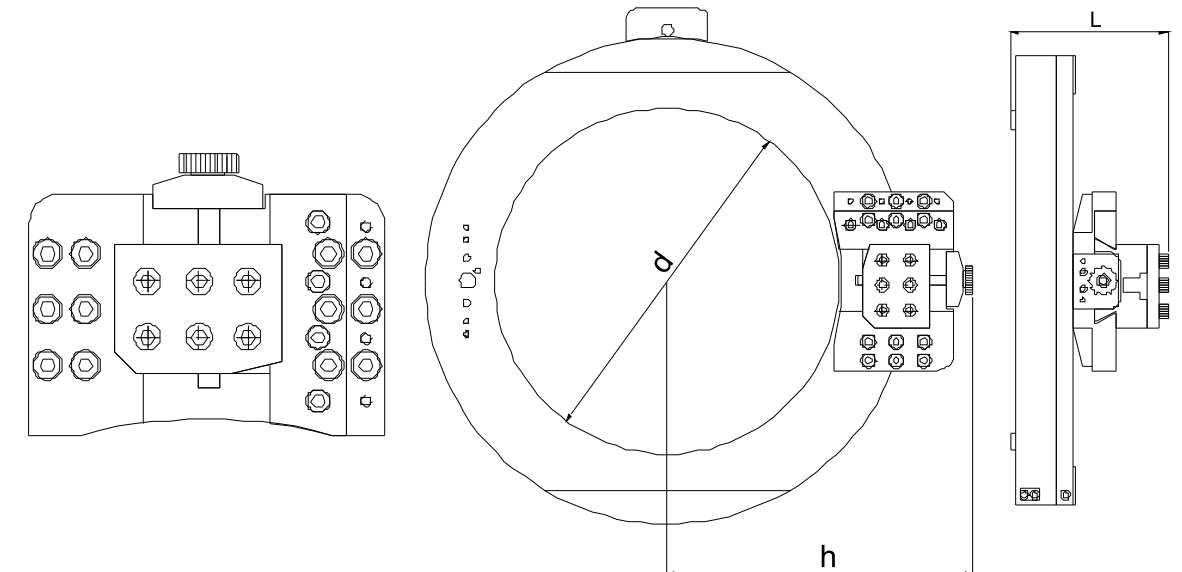
Axial & Radial Clearance

The Split-Frame Designed with compact cross section for low clearance application. The clearance chart for evaluating the installation space where will install the machine in narrow space, most for pipeline maintain projects. With seventeen standard models available to find the suitable model.

Selection Guide

18 sizes machine for options. Consult with us for special size. For narrow working condition, pay attention to the axial and radial clearance.

Technical Specifications



S No.	Model Size	Working Range (OD)		d (mm)	D (mm)	L (mm)	Working Weight, Kgs
		Inch	mm				
1	TCS 0103	1 - 3	25 - 89	94	147	159	35
2	TCS 0206	2 - 6	50 - 168	185	512	192	41.5
3	TCS 0308	3 - 8	80 - 230	236	564	192	42.5
4	TCS 0510	5 - 10	125 - 275	283	612	192	44.5
5	TCS 0612	6 - 12	168 - 325	334	665	192	53
6	TCS 0814	8 - 14	219 - 377	386	719	192	56
7	TCS 1016	10 - 16	273 - 426	438	776	195	60
8	TCS 1218	12 - 18	300 - 457	469	807	195	65.5
9	TCS 1420	14 - 20	355 - 508	519	862	195	77
10	TCS 1622	16 - 22	400 - 560	570	910	195	79
11	TCS 1824	18 - 24	457 - 610	618	960	195	85
12	TCS 2026	20 - 26	508 - 660	670	1020	195	96
13	TCS 2228	22 - 28	550 - 715	719	1084	198	114
14	TCS 2430	24 - 30	600 - 762	770	1134	198	116
15	TCS 2632	26 - 32	660 - 813	830	1194	207	120.5
16	TCS 3036	30 - 36	762 - 914	924	1296	214	144.5
17	TCS 3642	36 - 42	914 - 1066	1077	1468	216	197.5
18	TCS 4248	42 - 48	1066 - 1230	1248	1646	216	236