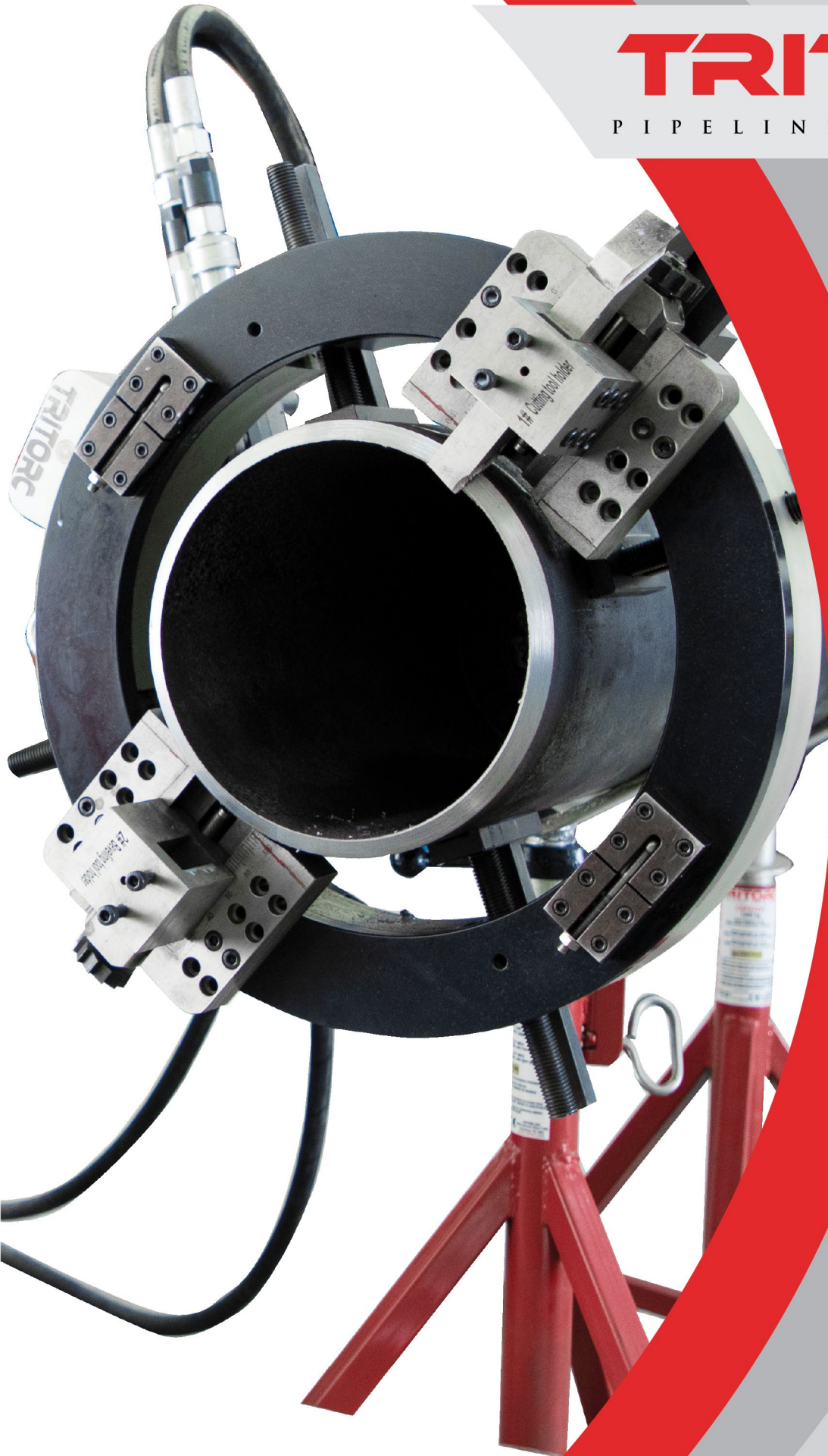


# TRITORC

PIPELINE SOLUTIONS



**FLANGE FACING**

**BEVELLING**

**SPLIT FRAME PIPE CUTTING**

[www.tritorc.com](http://www.tritorc.com)

## SPLIT FRAME PIPE CUTTING & BEVELLING MACHINE

The TTCB series machine is ideal for all types of pipe cutting, Beveling and end preparation. The split frame design supports the tool to split in half at the frame and mount around the OD of the in-line pipe or fittings for secure, stable clamping. The equipment performs precision in-line cut or simultaneous cut/bevel, single point, counter bore and flange facing operations, as well as weld end preparation on open-ended pipe, Ranging from 1inch to 56 inches on most wall thicknesses and material.

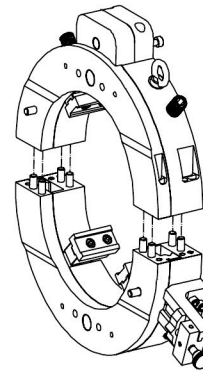
### TTCB SERIES OD MOUNTED PIPE CUTTING & BEVELLING MACHINE

#### Products Features:

- Ergonomically design helps to operate in minimal space
- Wide range of drive options increase the flexibility of operation
- Fully enclosed bearings helps for safe and durable operation
- Tritorc Models cover range from 1 to 48
- All accessories are interchangeable between most of machines

#### Drives:

- Pneumatic
- Electric
- Servo
- Hydraulic



**TTCB Series**

## PRODUCT SELECTION

Model No	Working Range		Weight (kg)
	Inch	Mm	
TTCB - 3	1 - 3	25 - 75	-
TTCB - 6	2 - 6	50 - 159	41.5
TTCB - 9	3 - 8	80 - 230	42.5
TTCB - 10	4 - 10	100 - 250	44.5
TTCB - 12	6 - 12	150 - 300	53
TTCB - 14	8 - 14	200 - 350	56
TTCB - 16	10 - 16	250 - 400	60
TTCB - 18	12 - 18	300 - 450	65.5
TTCB - 20	14 - 20	350 - 500	77
TTCB - 22	16 - 22	400 - 560	79
TTCB - 24	18 - 24	450 - 600	85
TTCB - 26	20 - 26	508 - 660	96
TTCB - 28	22 - 28	550 - 710	114
TTCB - 30	24 - 30	600 - 760	116
TTCB - 32	26 - 32	660 - 810	120.50
TTCB - 36	30 - 36	760 - 910	144.50
TTCB - 42	36 - 42	910 - 1060	197.5
TTCB - 48	42 - 48	1060 - 1210	236
TTCB - 56	48 - 56	1210 - 1420	-

## DRIVE DETAILS

### Electric Operated Motor TEMD -1

- This is long life motor come up with Deadman's switch for high user protection
- Rotating back & side Handle mounted at three positions for optimum handle position
- Twist proof
- Safety switch to prevent unintentional start



TECHNICAL DATA	
Grinding wheel ø	230 mm / 9
No-load speed	6600 rpm
Revolutions at rates load	4600 rpm
Torque	17Nm / 150 in-lbs
Spindle thread	511 – 8/ UNC
Weight (without power cable)	5.8 kg / 12.8 lbs
Cable length	4 m / 13 ft

### Air Operated Motor - TAMD - 1 & TAMD - 2



TECHNICAL DATA	
Torque	117 Nm
Power	2.4 / 3.5 BHP
Working Pressure	6 Bar
Compressed Air	Continues Flow

### Hydraulic Operated Motor - TTHM - 1



TECHNICAL DATA	
Hydraulic Motor Power	200r/min
Hydraulic Motor Torque	260 Nm
Weight	15 Kg

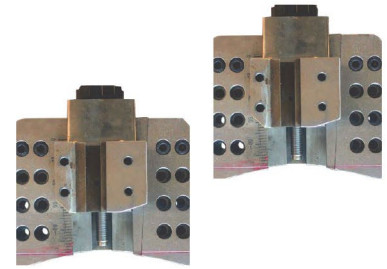
### Hydraulic Power Pack -THPP



TECHNICAL DATA	
Power supply	5.5 KW
Working voltage	380V, 3ph, 5lines
Working frequency	50 hz
Rated working pressure	100 bar
Rated flowing	530- L/min
Open way	Manual / remote control
Oil line length	6 m (standard)
N.W. (kg)	239 kgs



TOOL SLIDE ASSEMBLIES		
Part No	ITEM	Description
TLCTS -100	Standard Low Clearance Tool Slide	Low profile light weight for less clearance Between Pipes, Cutting & Bevelling all materials up to 1 mm wall thickness
THDTS -100	Heavy Duty Tool Slide	



OD TRACKING TOOL SLIDE ASSEMBLIES		
Part No	ITEM	Description
TODT-100	Spring Loaded O/D Tracking Tool Slide	For cutting 7 Bevelling of all material of up to 100mm wall thickness. It has advantage for large diameter and heavier wall thickness. Includes: 2 OD tracking tool slides 1 tool slide parting 1 tool slide Bevelling / parting 1 corrosion protected trip assembly Fasteners

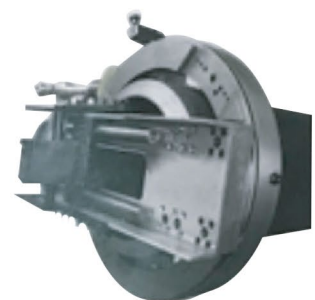


UNIVERSAL COUNTER BORE SLIDE ASSEMBLIES MAX. AXIAL TRAVEL: 1 3/4 IN (44.5 MM). MOUNTS TO BEVEL TOOL SLIDE.		
Part No	ITEM	Description
TCBA-80	Universal Counter Bore Slide Module for Low Clearance	It is available in a range of portable length. The counter-bore slide module accessory bolts directly to the standard tool slide and can be installed immediately upon completion of the cut and external bevel, to remove any internal inconsistencies prior to welding.



BRIDGE SLIDE ASSEMBLY	
Part No	Size
TBS - 20	6" - 12"
	8" - 14"
	10" - 16"
	14" - 20"
TBS - 28	18" - 24"
	22" - 28"

BRIDGE SLIDE ASSEMBLY	
Part No	Size
TBS - 36	26" - 32"
	30" - 36"
	36" - 42"
TBS - 48	42" - 48"

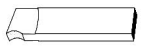





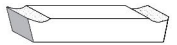


Note: Bridge Slide Assembly Covers Different Sizes





FRL		
Part No	ITEM	Description
TTPD	TTPD-F/R/L	Air pressure measured with PSI/BAR liquid filled gauge. Adjustable lubricator for proper "Air Tool Oil" drip. Ergonomic F/R/L frame in saety yellow with hose storage. Dimensions: Width 9" Height 12" Length 12" Weight 12 lbs. includes 8ft Air Hose.




**SPECIFICATION AXIAL RING SIZE / STANDARD TOOL SLIDE**

CUTTING TOOL						
Sketch	Model	Description	Thickness	Thk	Length	Width
	TCT-5	Cutting Tool Standard	Max 20mm	3/16"	5"	1"
	TCT-6	Cutting Tool Long (Dual Side)	Max 40mm	1/4"	6"	1"
	TCT-8	Cutting Tool Customised (Dual Side)	Max 100mm	5/16"	8"	1"

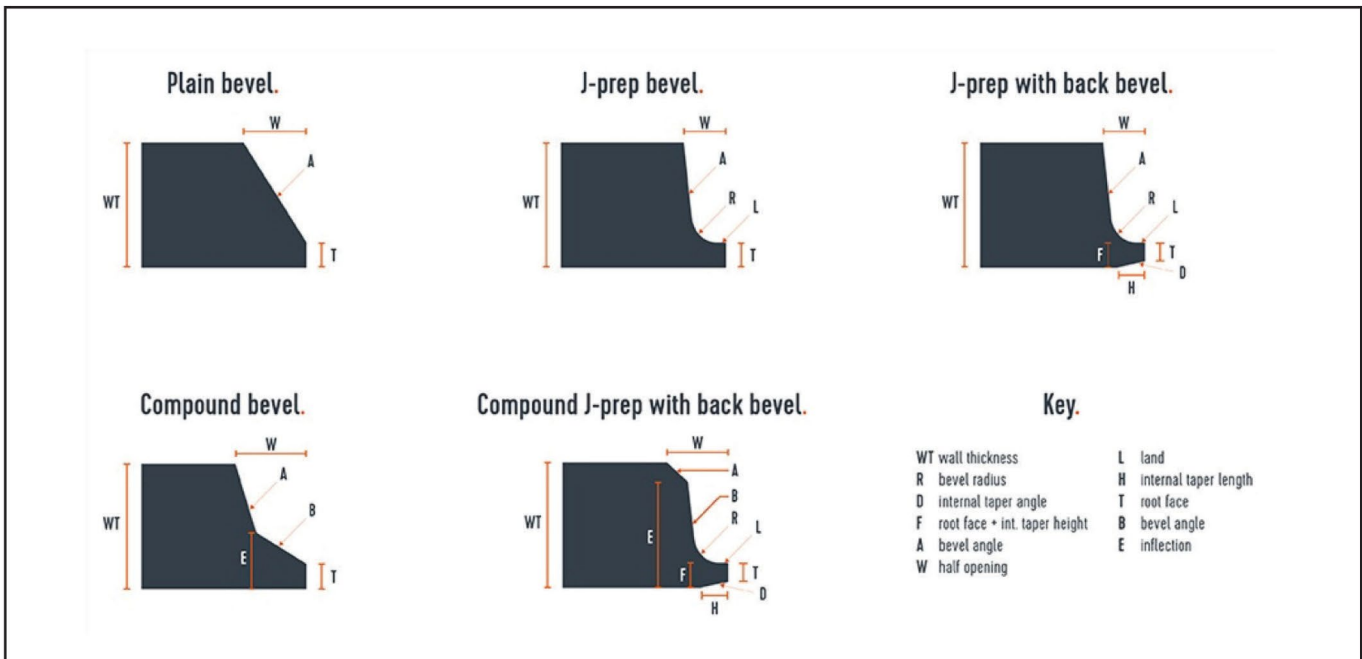
BEVELLING TOOL				
Sketch	Model	Description	Angle	Length
	TBT-30	Beveling Tool Inside	30°	5"
	TBDT-30	Beveling Tool Inside (Dual Side)	30°	6"
	TBT-37.5	Beveling Tool Inside	37.5°	5"
	TBDT-37.5	Beveling Tool Inside (Dual Side)	37.5°	6"

COMPOUND BEVELLING TOOL				
Sketch	Model	Description	Angle	Length
	TCBT-30	Compound Bevel Tool Inside	10 x 30°	5"
	TCDBT-30	Compound Bevel Tool OutSide	10 x 30°	6"
	TCBT-37.5	Compound Bevel Tool Inside	10 x 37.5°	5"
	TCDBT-37.5	Compound Bevel Tool OutSide	10 x 37.5°	6"

COUNTERBORE TOOL			
	Model	Description	Diamension
	CBT-15	Counterbore Tool	15° x 31.34 mm
	CBT-30	Counterbore Tool 30° x 31.34 mm	30° x 31.34 mm

Note: For pipe counterboring used on counter boring tool slide

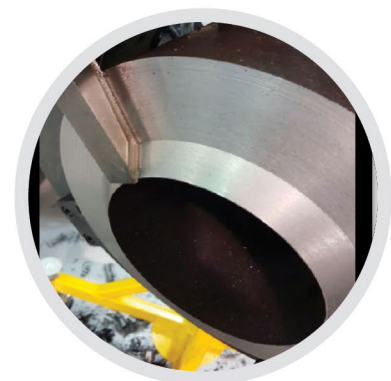
CUTTING TOOL					
Model	Description	Angle	Length	Width	Sketch
HTCT - 1	Heavy Duty Cutting Tool (Side One)	90°	6"	1"	
HTCT - 2	Heavy Duty Cutting Tool (Side Two)	90°	6"	1"	
HCBT-37.5 - 1	Heavy Duty Cutting & Bevelling Tool (Side One)	37.5°	6"	1"	
HCBT-37.5 - 2	Heavy Duty Cutting & Bevelling Tool (Side Two)	37.5°	6"	1"	
HCBT-30 - 1	Heavy Duty Cutting & Bevelling Tool (Side One)	30°	6"	1"	
HCBT-30 - 2	Heavy Duty Cutting & Bevelling Tool (Side Two)	30°	6"	1"	
HCBT-10 - 37.5	Heavy Duty Compound Bevel Tool	10° x 37.5°	6"	1"	
HCBT-10 - 30	Heavy Duty Compound Bevel Tool	10° x 30°	6"	1"	



Angle 37.5°

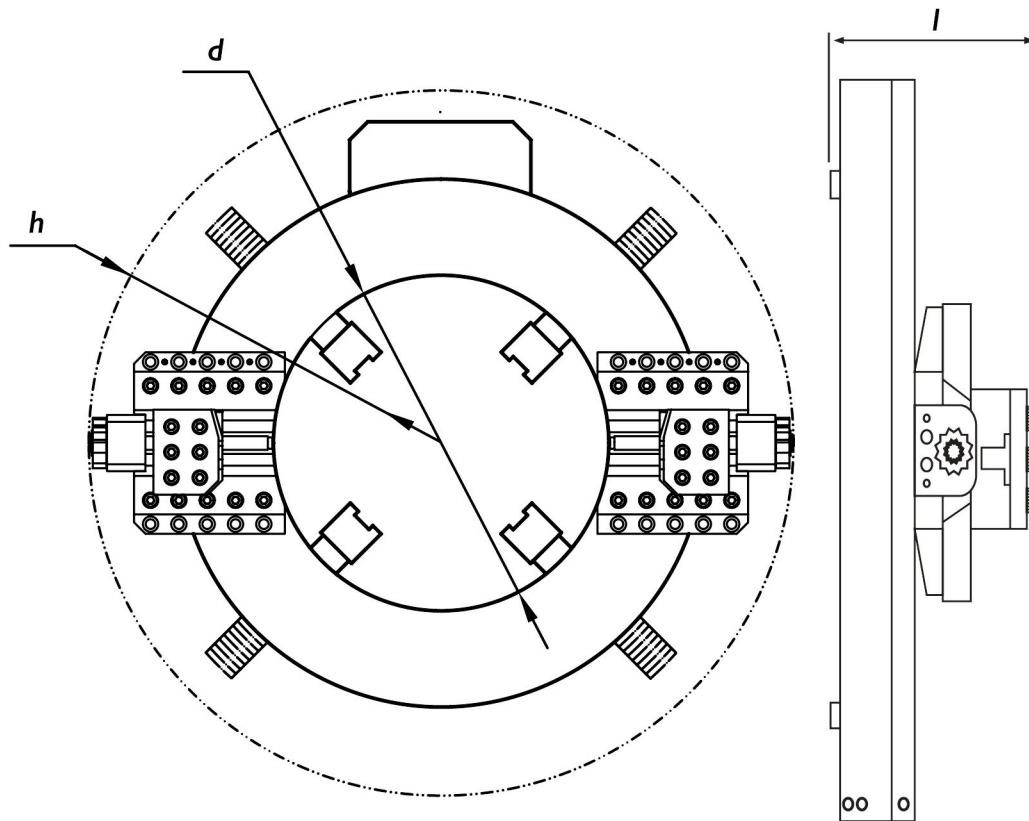


Angle 90°



Angle 10x37.5°

**SPECIFICATION AXIAL RING SIZE / STANDARD TOOL SLIDE**



Model No	Working Range		Standard Tool Slide		
	Inch	mm	d (mm)	h (mm)	l (mm)
TTCB - 3	1-3	25-89	90	132	159
TTCB - 6	2-6	50-168	170	227	171
TTCB - 9	3-8	80-230	232	253	171
TTCB - 10	4-10	100-275	280	275	171
TTCB - 12	6-12	150-325	330	300	171
TTCB - 14	8-14	219-377	380	328	171
TTCB - 16	10-16	273-426	430	351	172
TTCB - 18	12-18	300-457	460	367	172
TTCB - 20	14-20	355-508	510	396	181
TTCB - 22	16-22	400-560	560	420	182
TTCB - 24	18-24	457-610	612	445	182
TTCB - 26	20-26	508-660	670	475	182
TTCB - 28	22-28	560-715	715	495	185
TTCB - 30	24-30	600-762	765	520	185
TTCB - 32	26-32	660-813	830	555	187
TTCB - 36	30-36	762-914	915	592	194
TTCB - 42	36-42	914-1066	1070	619	194
TTCB - 48	42-48	1066-1230	1235	777	207
TTCB - 56	48-56	1230-1420	***	***	***