

TRITORC



PIPE CUTTING AND BEVELLING MACHINES

TUBE / PIPE BEVELLING MACHINE

IN-SITU MACHINING

TCSL AND TTCB SERIES

OD-MOUNTED PIPE CUTTING AND BEVELLING EQUIPMENTS

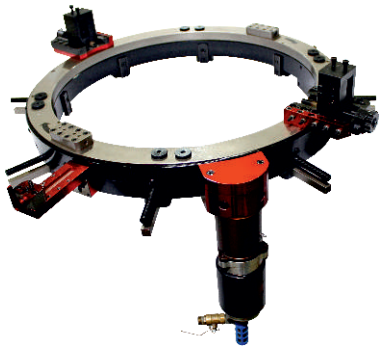
PIPE CUTTING AND BEVELLING MACHINES

The Split Frame 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.

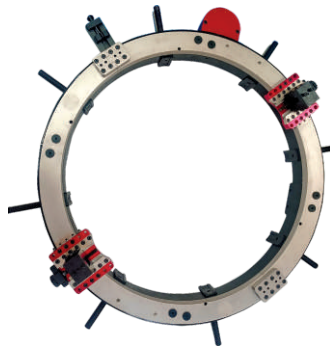
- Precision in-line cut
- Simultaneous cut/bevel
- Single cut/bevel
- Counter bore operations
- Pipe ranging from 2 to 56 inches.
- Above 56 inches can be supplied on request.

Both Series have a stationery ring of aluminium which make it easy to handle and a steel ring imparts strength.

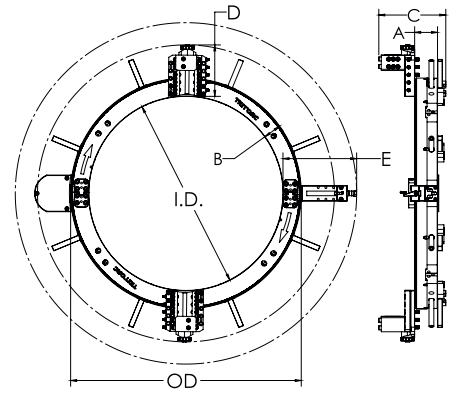
- Pipe end preparation joints can be performed as Standard Bevel, Compound Bevel & J Bevel
- Standard Bevel: 30° & 37.5°
- Compound Bevel: 10 x 37° & 10 x 37.5°
- O.D. (DN20-1400), on most wall thickness and material.



TCSL Series



TTCB Series



TCSL & TTCB Series Machine Range:

Model	Machine ID		Machine OD		Mounting Range		Ring Weight* (Kg)	
	mm	Inch	mm	Inch	mm	Inch	W/o Accessories	With Accessories
TCSL-6	184	7.24	304	11.97	51-152	2"-6"	10	27.4
TCSL-8	238	9.37	358	14.09	51-203	2"-8"	12.26	30.2
TCSL-10	292	11.50	412	16.22	102-254	4"-10"	14.23	33.1
TCSL-12	343	13.50	463	18.23	152.4-305	6"-12"	17	36.5
TCSL-14	373	14.69	493	19.41	203-356	8"-14"	18.28	38.0
TCSL-16	424	16.69	544	21.42	254-406	10"-16"	19.77	41.0
TCSL-18	480	18.90	600	23.62	305-457	12"-18"	22.94	44.5
TCSL-20	528	20.79	648	25.51	356-508	14"-20"	24.814	46.4
TCSL-22	576	22.68	696	27.40	406-559	16"-22"	26.59	52.6
TCSL-24	636	25.04	756	29.76	457-610	18"-24"	29.27	55.3
TTCB-26	687	27.05	861	33.90	508-660	20"-26"	72	117.1
TTCB-28	739	29.09	913	35.94	559-711	22"-28"	82.5	120.3
TTCB-30	799	31.46	973	38.31	610-762	24"-30"	83	126.3
TTCB-34	926	36.46	1100	43.31	711-864	28"-34"	98.3	142.2
TTCB-36	956	37.64	1130	44.49	762-914	30"-36"	95.6	143.7
TTCB-42	1106	43.54	1280	50.39	914-1067	36"-42"	109.6	164.2
TTCB-48	1256	49.45	1430	56.30	1067-1219	42"-48"	126	178.6
TTCB-56	1475	58.07	1649	64.92	1219-1422	48"-56"	147.2	217.6

FOR TCSL	FOR TTCB
A = 75	A = 105
B = 60	B = 87
C = 217.5	C = 268.7
D = 168.6	D = 188.5
E = 241.5	E = 260.5

DRIVE SPECIFICATIONS:

Drive Options:

Pneumatic, Hydraulic & Electric

Air Requirement:

90 CFM @ 0.6/0.7Mpa

Hydraulic Requirement:

2-60L per min. @12.5Mpa

Electric Requirement:

220-240V 1PH 50/60HZ

Feed Rate :

Fixed@0.08mm per revolution

Note: Also available in Steel

ID MOUNTED TUBE / PIPE BEVELLING MACHINES

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.



TFM-2042



TFM - 39105

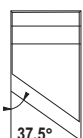


TFM 102457

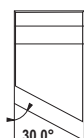
Pneumatic Drive	TFM-2042	TFM-2876	TFM-51203	TFM-39105	TFM-99306	TFM-102457
Locking Range (mm)	20 - 42	28 - 76	51-203	39-104	100-306	102-457
Ideal Speed (RPM)	400	110	40	60	35	13
Torque (Nm)	27.5	84	220	220	180	1266
Feeding Stroke (mm)	23	40	40	40	50	60
Pneumatic Power (HP)	0.60	0.83	1.3	1.3	1.9	2.6
Air Consumption (cfm)	16	42	40	40	60	85
Air Pressure (psi)	90	90	90	90	90	90
Weight (kg)	5.5	5.5	26.5	21.0	43.0	-

Electric Drive	TFM-2042	TFM-2876	TFM-51203	TFM-39105	TFM-99306	TFM-102457
Locking Range (mm)	20-42	28-76	51-203	39-104	100-306	102-457
Ideal Speed (RPM)	250	140	40	60	31	15
Torque (Nm)	45.0	138	240	240	230	1182
Feeding Stroke (mm)	23	40	40	40	50	60
Electric Power (watts)	650	595	1800	1800	1400	2000
Weight (kg)	5.5	11.0	30.0	23.0	44	90

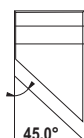
TOOL SET



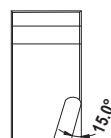
FT-1
(Ext. Beveling)



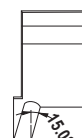
FT-2
(Ext. Beveling)



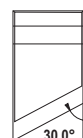
FT-3
(Ext. Beveling)



FT-4
(Int. Beveling)



FT-5
(Int. Beveling)



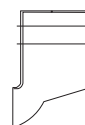
FT-6
(Int. Beveling)



FT-8
(Facing)



FT-9
(Weld Removal)



FT-10
(‘J’ Grooving)

TRITORC

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

OUR PRESENCE



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