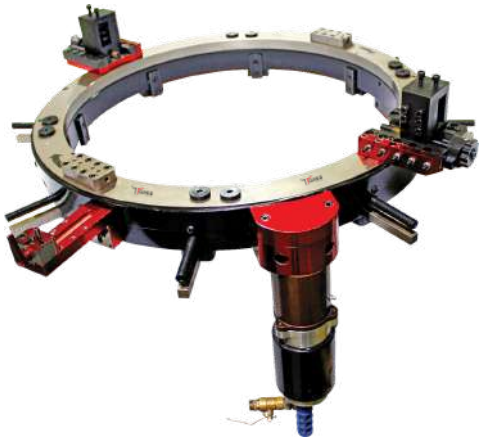
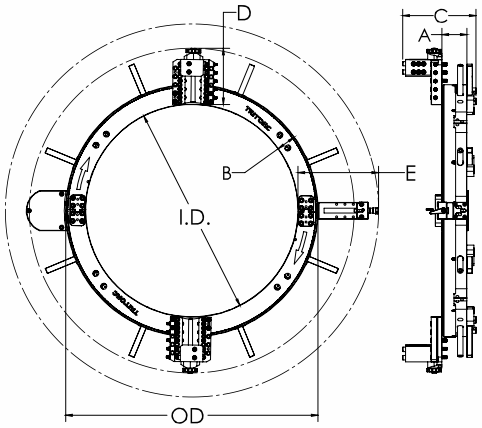
PIPE CUTTING & BEVELLING MACHINES

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.

The equipment performs precision in-line cut or simultaneous cut/bevel, single cut/bevel, counterbore and flange facing operations, as well as weld end preparation on open ended pipe, ranging from 2 to 56 inches. O.D. (DN20-1400),on most wall thickness and material.

***Above 56 inches can be supplied on request.**





FOR TCCM
A = 75
B = 60
C = 217.5
D = 168.6
E = 241.5

Note: Also available in Steel

TCCM Series Machine Range:

Model	Machine ID		Machine OD		Mounting Range		Ring Weight (Kg)	
	mm	Inch	mm	Inch	mm	Inch	W/O Accessories	With Accessories
TCCM-6	184	7.24	304	11.97	52-152	2-6	10	27.4
TCCM-8	238	9.37	358	14.09	51-203	2-8	12.26	30.2
TCCM-10	292	11.50	412	16.22	102-254	4-10	14.23	33.1
TCCM-12	343	13.50	463	18.23	152.4-305	6-12	17	36.5
TCCM-14	373	14.69	493	19.41	203-356	8-14	18.28	38
TCCM-16	424	16.69	544	21.42	254-406	10-16	19.77	41
TCCM-18	480	18.90	600	23.62	305-457	12-18	22.94	44.5
TCCM-20	528	20.79	648	25.51	356-508	14-20	24.81	46.4
TCCM-22	576	22.68	696	27.40	406-559	16-22	26.59	52.6
TCCM-24	636	25.04	756	29.76	457-610	18-24	29.27	55.3
TCCM-26	687	27.05	861	33.90	508-660	20-26	72	117
TCCM-28	739	29.09	913	35.94	559-711	22-28	82.5	120.3
TCCM-30	799	31.46	973	38.31	610-762	24-30	83	126.3
TCCM-34	926	36.46	1100	43.31	711-864	28-34	98.3	142.2
TCCM-36	956	37.64	1130	44.49	762-914	30-36	95.6	143.7
TCCM-42	1106	43.54	1280	50.39	914-1067	36-42	109.6	164.2
TCCM-48	1256	49.75	1430	56.30	1067-1219	42-48	126	178.6
TCCM-56	1475	58.07	1649	64.92	1219-1422	48-56	147.2	217.6

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

AIR OPERATED MOTOR

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

Advantages:

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

ELECTRIC OPERATED MOTOR

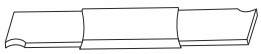
- Model : W24-230MVT
- 230V-50/60HZ2400W 11,0A
- N 6600/Min(rpm)

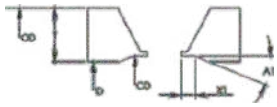
HYDRAULICALLY OPERATED MOTOR

- Power Supply : 380-440V3PH 50/60HZ
- l2-60Litre per minute@12.5Mpa

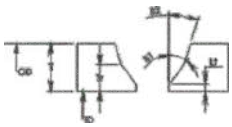
Advantages:

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

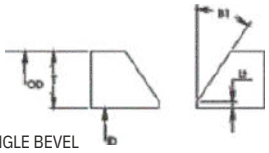
TOOLING CHART - CUTTING TOOLS		
Description	**Application**	**Sketch**
Cutting Tool Material: HSS Dimension: 6 x 25 x 150	Standard Cutting for most materials up to 30 mm	
Cutting Tool Material: HSS Dimension: 6 x 25 x 200	Longer cutting tool, both ends have blade, for most materials up to 30 mm	
Cutting Tool Material: HSS Dimension: 6 x 25 x 200	Longer cutting tool, both ends have blade, for most materials up to 60 mm	
TOOLING CHART - BEVELLING TOOLS		
Bevelling Tool Material: HSS Dimension: 25 x 25 x 150 & 25 x 25 x 200	Right Hand & Left Hand Standard Bevelling Tool for most materials Angle 37.5°	
Compound Bevelling Tool Material: HSS Dimension: 25 x 25 x 200	Right Hand & Left Hand Standard Bevelling Tool for most materials Angle 37.5° & 10°	



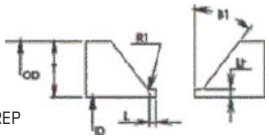
COUNTER BORE



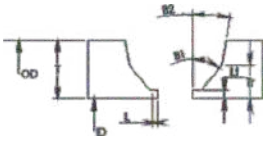
COMPOUND BEVEL



SINGLE BEVEL



J PREP



COMPOUND J PREP