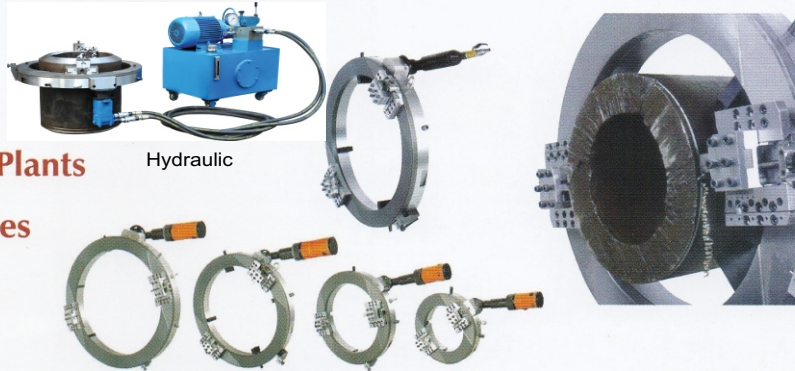




Split Frame Cold Cutting & Beveling Machine

SOLUTION FOR PRECISION PIPE CUTTING & BEVELLING

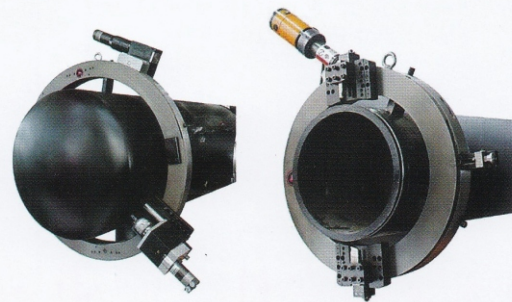
- Oil & Gas
- Petro Chemical
- Nuclear Power Plants
- Mining Industries
- Pharmaceutical
- Fabrication



Features

- Cuts and Bevels varied Pipe Thickness with just change of Interchangeable bits
- Portable - External Mountable of its type for Pipe Cutting and Beveling Applications
- Low Friction adjustable Bearing provides maximum Stability and Extended Machine Life
- Bearing and Sliding Parts are totally enclosed for Operational Safety and Long Life
- Easily Splits into halves to mount on the Outside diameter of the Pipes on-Line
- Cutting & Beveling can be done in single set up or else two tool bits for same operation can be used
- Available in Pneumatic, Hydraulic and Electrical Drive .
- Bevels and Cuts material Like MS, Carbon Steel, Alloy steels, stainless steels, Inconel, etc
- Size range : 3/4" - 03", 03" - 08", 06" - 12", 10"-16", 18"-24", 26"-32", 36"- 42", 40"-48" & Above

Model	Nom. Pipe		ID of Machine	Radial Clearance	Axial Clearance	Nett Wt
	MM	Inche				
MTOP0103	20-89	3/4"-03"	94	126.5	159.5	16
MTOP0205	50-159	02"-05"	165	195	171.6	30
MTOP0308	80-230	03"-08"	236	232	171.6	53
MTOP0510	125-275	05"-10"	281	245	171.6	54
MTOP0612	168-325	06"-12"	331	281.5	171.6	68
MTOP0814	219-317	08"-14"	386	309	171.6	71
MTOP1016	273-426	10"-16"	432	324.25	172.6	75
MTOP1218	300-457	12"-18"	464	349.5	172.6	84
MTOP1420	355-508	14"-20"	515	374.5	181.6	88
MTOP1824	457-610	18"-24"	618	426	182.6	120
MTOP2430	600-762	24"-30"	770	502.5	185.1	152
MTOP2632	660-813	26"-32"	840	534.5	187.5	164
MTOP3036	762-914	30"-36"	924	581.5	194	170
MTOP3642	914-1066	36"-42"	1077	662.5	194	192
MTOP4048	1016-1230	40"-48"	1248	754	207	226



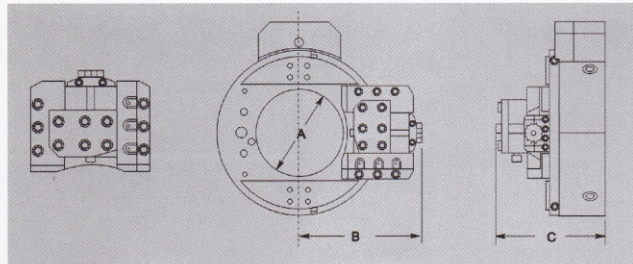
Specifications

- Feed Method : Auto - Star Wheel
- Feed Rate : 0.06 mm/0.0025"
- Wall Thickness : < 30 mm (Without Reset the Tool Bits)

Drivers :

- Air / Pneumatic : 0.6 - 0.8 Mpa 1500 - 2000 Lit/Min
- Electric : 220 Volts, 50/60 HZ, 6/12 Amps, : 1000-2000 W
- Hydraulic : 380 Volts - 3 Phase, 12.5 Mpa, : 2-60 Lit/ Min

MACHINE BODY SIZE



Model Specifications	80	150	300	450	600	750	900	1050	1160	1300	1500
A DIM (mm)	85	166	306	458	606	753	910	1060	1170	1306	1505
B DIM (mm)	171	230	309	385	458	532	613	688	772	840	940
C DIM (mm)	161	161	175	175	175	175	175	175	221	221	221

ID Mount End Prep Beveling

The ID Mounted beveling operation utilizes an expandable mandrel which is slid into the open end of the pipe. A draw nut is tightened, which expands the mandrel blocks up a ramp and against the ID surface for positive mounting, self centered and squared to the bore. As the tool bit is fed in to the material from the end, bevel is produced which conforms to the angle predetermined by the angle ground in to the bit. Bits are available for practically any material or beveling required, and bits can be custom made for any form tooling operation.

Features

Cold Beveling
Fast, Precision, On-site Beveling
minimal Axial and Radial clearance
Light weight and compact design
Easy set-up & robust operation
Electric or Pneumatic drive



Technical Parameter

Electric	Pneumatic	Working range(I.D. mm)	Wall thickness (mm)	Rotating rate (rpm)
MTE-101	MTP-201	Φ 85-240	≤75	16
MTE-102	MTP-202	Φ 150-330	≤75	14
MTE-103	MTP-203	Φ 300-600	≤75	10
MTE-104	MTP-204	Φ 600-820	≤75	8
MTE-105	MTP-205	Φ 820-1020	≤75	7
MTE-106	MTP-206	Φ 1015-1255	≤75	5
MTE-107	MTP-207	Φ 1270-1470	≤75	4

FEATURES

This machine is researched and manufactured according to the operation of long-distance pipeline and flange. We have independent intellectual property. Outside callipers is fixed in proper position, high stiffness of structural support, fulfill the wide cutting range, easy operation, high efficiency. It can process chute/flume/sealing surface and blank flange, tube-plate of heat exchange.

Swivel Tool post with 360° power feed, wide range use.

Feed handwheel of horizontal and vertical tool post with scale, precise and convenient regulation.

Tool post can feed automatically in both axial and radial, processed precision is guaranteed.

Adjustable hydraulic drive motor, adjustable speed, strong power, meets different requirements of customers.

Maximum depth of roughing processing is 1.5mm.

Pneumatic motor is optional, used for proof-explosion on-site operation.

FLANGE FACING MACHINE

