PIPE TOOLS

STATIONARY PIPE CHAMFERING MACHINES

Overview 2020/21

www.dwt-pipetools.com

The pipe chamfering machine is used for stationary pipe beveling of all kinds of tubes with high wall thickness. The rugged and rigid machine construction combined with heavy guides of the MFS series makes it the most stable and accurate machine on the market. By minimal material handling and easy use, the process time is kept to an absolute minimum.

Manual Pipe Chamfering Machines

For pipes up to 32“ OD

These compact pipe chamfering machines allow you to establish any V bevels on your pipe or tube and super efficient and easy to setup and use in any shop. The MFS is an example of a machine that has been developed over the years to get the best possible quality machine for the end users.

Type	Pipe diameter OD [inch]	Max. wall thickness [mm]	Beveling shape	Drive motor [kW]	Spindle [rpm]
MFS 200M	1 - 8	7*	V-Bevel	3,75	max. 300
MFS 400 M	3 - 16	15*	V-Bevel	5,5	max. 200
MFS 800M	6 - 32	15*	V-Bevel	7,5	max. 150

* in one pass

Automatic Pipe Chamfering Machines

For pipes up to 120“ OD

Our automatic pipe chamfering machines are designed to create complex bevels on your pipe. You can easily create J, U, V and even C radius bevels. With the upgraded CNC controller you can even thread the end of your pipe or tube. The minimal handling of materials required and the very short machining time make the MFS to some of the fastest on the market.

Type	Pipe diameter OD [inch]	Max. wall thickness [mm]	Drive motor [kW]	Spindle [rpm]
MFS 200K/F	1 - 8	20	5,5	300
MFS 400 K/F	3 - 16	40	5,5	200
MFS 800K/F	6 - 32	100	7,5	150
MFS 1200K/F	10 - 48	100	11	120
MFS 1600K/F	16 - 64	120	22	50
MFS 3000K/F	32 - 120	120	22	50

Beveling shapes (automatic machines)

- V-Bevel
- J-Bevel
- Compound Bevel
- Z-Cutting

Beveling shapes (CNC-Fanuc)

- All beveling shapes
- Threading
- Flange preparation

Features & Advantages of the Pipe Chamfering machine

Self centering prism clamp

To clamp the pipes, the tube chamfering machine uses a sophisticated prism clamp that holds all of the tube sizes within the range of the machine firmly in place.

Tools for Pipe Chamfering Machine

In order to keep the machining costs low, only indexable inserts with indexable insert holders are used.

Real-time support with data glasses

The delivery scope of the machine includes data glasses with a mini PC. The manufacturer or supplier can be contacted at any time by scanning a barcode in order to receive live support on the machine.

Roller benches

The RBT roller benches have been especially designed for use in combination with the MFS. The trough system with steel rollers makes it possible to roll the tube easily by hand into the machine. Just as the MFS machines the RBT roller benches are extra strong and robust and exceptionally suitable for heavy work.

Type	Adjustment [mm]	Roller table loading weight [kg]	Turntable loading weight [kg]	Roller table motor [kW]	Turntable motor [kW]	Dimensions [mm]
TRB 0506CO	180	5.000	2.000	1,5	1,5	6000 x 460 x 750
TRB 1006CO	350	10.000	2.000	3,7	1,5	6000 x 660 x 750
TRB 1008CO	350	10.000	2.000	3,7	1,5	8000 x 460 x 750
TRB 1006CO-W	350	10.000	2.000	3,7	1,5	6000 x 1040 x 750
TRB 1008CO-W	350	10.000	2.000	3,7	1,5	6000 x 1040 x 750

Applications:

Pipe Cutting & Beveling line

Elbow Beveling

Flange Beveling

Applications


Pipe Cutting & Beveling line


Elbow Beveling


Flange Beveling


Preparation 36“ pipe


Bevel shape compound


Pipe material nine-crome, 750 mm OD


Flange serration


J-Bevel shape


Independent production line

Head office:

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The DWT GmbH head office is in the industrial heart of Germany. The machines are produced by a competent team and are delivered in the whole world.

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