



„The MSM Series offer efficient solutions for every industrial sector, ranging from lamps and household articles up to spacecraft and defense industries.“

MTM Metal Technic Machines GmbH
Postfach 08 • D—59218 Ahlen



Tel: +49 (0) 25 28 / 90 16 72
Fax: +49 (0) 25 28 / 90 16 74
sales@metal-technic-machines.de
www.metal-technic-machines.de

MTM



**Metal Technic
Machines GmbH**

**AUTOMATIC 1-ROLLER
METAL SPINNING MACHINES**
Manufacturing Program



Automatic Metal Spinning Machine MSM 10-350



**1-Roller Metal Spinning Machine
Type MSM 10-350**



This lathe will meet the prestressed guide ways high efficiency and profitability requirements of your production, thanks to an unbeatable price-performance ratio.

Whether small sized workpieces are machined as single parts or as small series, this machine sets standards in precision and guarantees highest performance at lowest costs.

Applications

The MSM 10-350 is suitable for the production of small sized rotationally symmetric articles up to a maximum diameter of 700mm like:

- lamps & reflectors
- hollowware
- table ware
- fans



Facts

MSM 10-350

Workpiece Dia. Max.	mm	600
Centre Height	mm	350
Centre Distance		800
Headstock Drive Motor	kW	4-16-16
Hydraulic	kW	7,5
Weight aprox.	kg	3.500



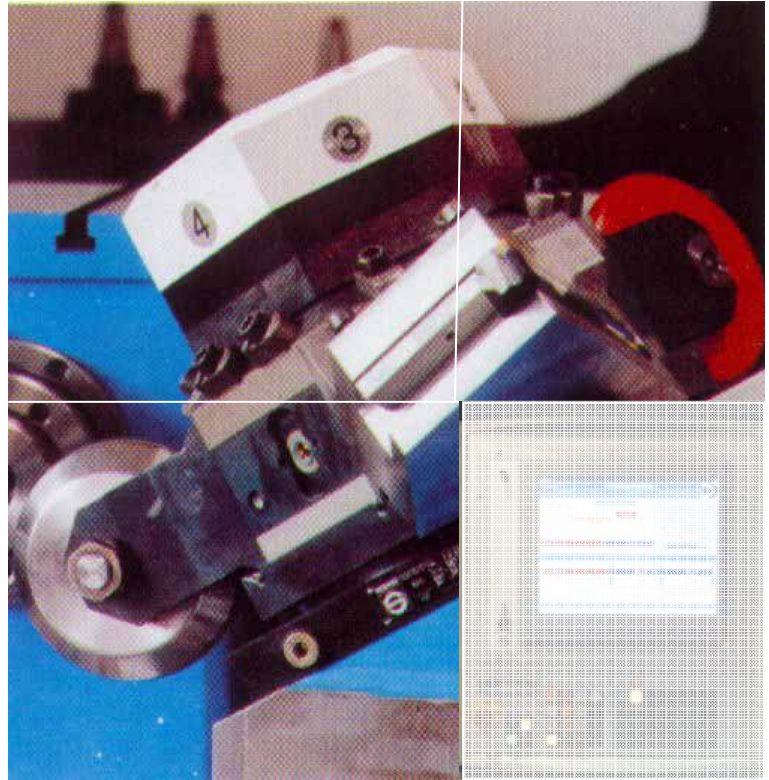
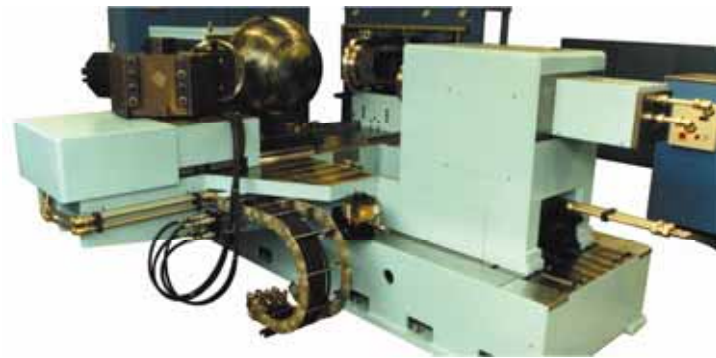
Applications

The powerful MSM 10-1600 is suitable for heavy duty metal spinning operations of various kinds of materials up to a maximum diameter of 2.800mm like:

- large reflectors and tanks ends
- aircraft and spacecraft components
- components for the chemical industry
- large fans and blower components



**1-Roller Metal Spinning Machine
Type MSM 10-1600**



In the production of large parts every substandard piece represents a loss.

The MSM 10-1600 meets the highest demands for precision, reliability and speed and helps to avoid this loss.

The multiplicity of products is complemented by simpli-

fied programming and easily understandable functions for optimized ergonomics and a superior operator convenience

The horizontal layout and sturdy design concept of this heavy duty machine allows the treatment of very large with a huge wall thickness.

Facts

		MSM 10-1600
Workpiece Dia. Max.	mm	2.800
Centre Height	mm	1.600
Centre Distance		2.000
Headstock Drive Motor	kW	110
Hydraulic	kW	60
Weight aprox.	kg	25.000

Automatic Metal Spinning Machine MSM 10-400



**1-Roller Metal Spinning Machine
Type MSM 10-400**



Additional to the 350, this machine allows the treatment of thicker parts. Modern network concepts support service via Internet and help to reduce time and costs caused by sub-standard pieces.

Advanced machine construction and technology, compact design with opti-

mum ergonomics in the working area and superior operator convenience are the fundamental parts of this machine concept

With a centre height of 400mm the MSM 10-400 allows the treatment of aluminium, copper, stainless steel etc. up to a maximum diameter of 900mm.



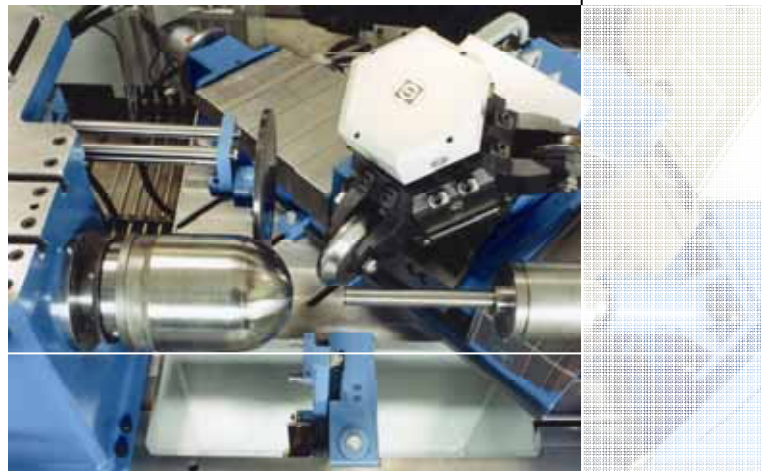
Applications

The MSM 10-400 is suitable for the production of small sized rotationally symmetric articles up to a maximum diameter of 900mm like:

- lamps & reflectors
- hollowware
- separators
- fan components
- float chambers
- tank-ends

Facts

		MSM 10-400
Workpiece Dia. Max.	mm	900
Centre Height	mm	400
Centre Distance		1.000
Headstock Drive Motor	kW	4-16-16
Hydraulic	kW	11
Weight aprox.	kg	4.000



Automatic Metal Spinning Machine MSM 10-1200



**1-Roller Metal Spinning Machine
Type MSM 10-1200**



The MSM 10-1200 is designed for heavy duty spinning operations up to a diameter of 2400 mm.

The tool turret of heavy standard design guarantees the optimum accessibility for rapid spinning roller and tooling changes.

The large roller guide ways with a ball screw spindle and the integrated spindle motors ensure maximum sturdiness and stability.

The reference for chipless metalforming.

Applications

The MSM 10-1200 is suitable for the production of large sized rotationally symmetric articles up to a maximum diameter of 2200mm like:

- fume hoods
- tank bottoms
- radar reflectors
- large fan and blower components
- aircraft and prime mover components



Facts

		MSM 10-1200
Workpiece Dia. Max.	mm	2.200
Centre Height	mm	1.200
Centre Distance		1.500
Headstock Drive Motor	kW	5-55-55
Hydraulic	kW	30
Weight aprox.	kg	15.000

Automatic Metal Spinning Machine MSM 10-800



**Metal Spinning Lathe
MSR 10-800**

The MSM 10-800 is a powerful MSL Series sets an new standard for the complete treating operations with medium sized, big thinned parts .

Shortest changeover times, These features make the machine suitable for every spinning and flowforming operation various kinds of rollers the up to a diameter of 1600 mm.



Applications

The MSM 10-800 is suitable for the production of medium sized rotationally symmetric articles up to a maximum diameter of 1600mm like:

- heavy walled containers
- tank-ends
- rocket and aircraft components
- silo hoppers

Facts

		MSM 10-800
Workpiece Dia. Max.	mm	1.600
Centre Height	mm	800
Centre Distance		1.400
Headstock Drive Motor	kW	5-55-55
Hydraulic	kW	22
Weight aprox.	kg	9.000

