PROMOTECH®

smart tools
for heavy tasks

FM 37982

SBM-500 | STATIONARY BEVELING MACHINE

Equipped with a powerful 7.500-watt motor, the stationary beveling machine is a robust and efficient solution for beveling up to 30 mm wide on different-sized workpieces up to 100 mm thick and small pipes from 50 to 150 mm in diameter.

The SBM-500 features a high-speed rotary milling head that produces a clean, milled surface without thermal distortion or a heat-affected zone.

Continuous adjustment of spindle speed and auto-feed rate makes it suitable for different types of steel and aluminum.

Optional accessories expand the possible applications of the SBM-500 to deal with long workpieces, pipes 50-150 mm OD, and narrow workpieces with a minimum width of 30 mm.

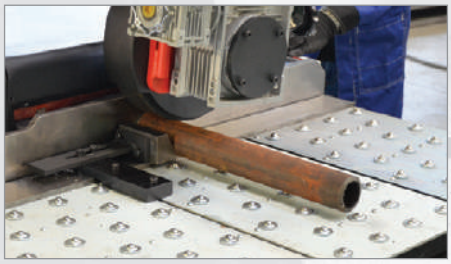
Features & benefits:

- Precise setting of bevel angle from 15 up to 60 degrees and bevel width up to 30 mm
- 3D contact wheel control ensures proper workpiece alignment in relation to high-speed rotary milling head
- variable auto-feed to bevel both ferrous and non-ferrous materials
- cutting inserts dedicated for optimal performance on different materials
- easy access to milling head and cutting inserts
- overload protection to prevent motor damage
- SBM-500 streamlines workflow to maximize your production efficiency





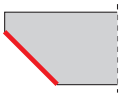
Auxiliary tables to accommodate long workpieces



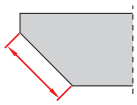
Posibility of pipe OD beveling



Attachment for narrow workpieces



Edge Beveling



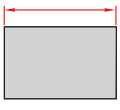
Bevel width
up to 30 mm



Bevel angles 15° - 60°
continuous adjustment



Workpiece height
from 3 mm up to 100 mm

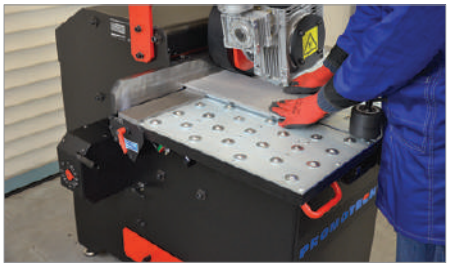


Min. workpiece width 50 mm
(30 mm option)
Min. workpiece length 150 mm



Pipe OD beveling
from 50 mm up to 150 mm
(option)

SBM-500 TECHNICAL SPECIFICATION	
Voltage	3~ 400 VAC + N+PE, 50/60 Hz
Power	7500 W
Spindle speed (no load)	500 - 2920 rpm
Feed rate	up to 3.3 m/min
Feed by contact wheel	YES
Bevel angle range	15 - 60° with continuous angle adjustment
Bevel width	up to 30 mm
Milling head with 10 inserts	YES
Min. dimensions of a bar	50x150x3 mm
Max. workpiece height	up to 100 mm
Weight	845 kg
Product Code:	UKS-0573-10-00-00-0



Convenient ball roller bench



Precise bevel angle adjustment

Standard set includes:

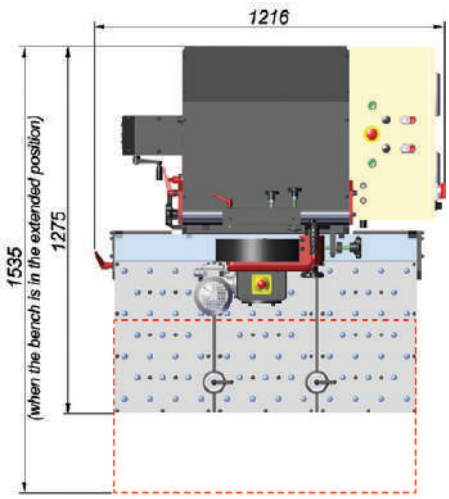
- SBM-500
- Set of Tools
- Operator's Manual

Main accessories:

- GLW-000054 - Milling head (10 cutting inserts required)
- PLY-000781- Cermet cutting insert for steel (sold 10 pcs/box)
- PLY-000835 - Cutting insert for stainless steel (sold 10 pcs/box)
- PLY-000282 - Cutting insert for steel (sold 10 pcs/box)
- PLY-000591 - Cutting insert for steel (sold 10 pcs/box)
- SRB-000465- Insert screw
- PLY-000268 - Shim
- SRB-000466 - Shim screw
- STL-0573-37-00-00-0 – Auxiliary table for long workpieces
- PRK-0573-36-00-00-0 – Pipe beveling attachment for pipes 50-150 mm (2-6") OD
- PRK-0573-38-00-00-0 - Narrow plate attachment

Optional accessories:

- GLW-000030 - Milling head (10 cutting inserts required)
- PLY-000396 - Cutting insert for steel (sold 10 pcs/box)
- PLY-000408 - Cutting insert for aluminum (sold 10 pcs/box)
- PLY-000692 - Cutting insert for stainless steel (sold 10 pcs/box)
- SRB-000418- Insert screw
- PLY-000439 - Shim
- SRB-000417 - Shim screw





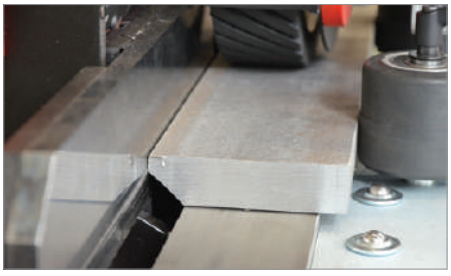
User-friendly control panel



Simple setting of bevel width



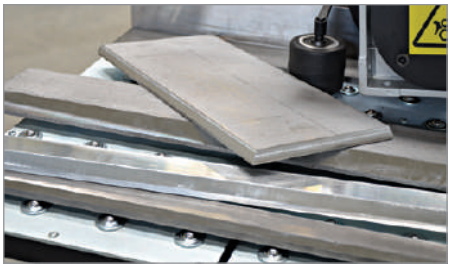
Easy access to milling head and inserts



Suitable for various materials incl. aluminum and stainless steel



High quality bevel results



High quality bevel results

All information is subject to change without notice. 24.04

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