PROMOTECH®

smart tools
for heavy tasks

FM 37982

# ABM-28 | PORTABLE AUTO FEED MACHINE

**This latest generation portable beveling machine performs auto feed beveling on steel plates on top, face and bottom edges.**





## Most important features include:

- Auto-feed portable beveling.
- Continuously adjustable bevel angle between 60 and minus 60 degrees, eliminating the need to turn a plate over
- Max. bevel width (depending on the beveled angle) from 28 up to 35 mm
- Variable feed control for work on a variety of steel grades and thicknesses (up to 35 mm as standard or optionally up to 70 mm)
- Beveling in both travel directions
- Motor overload protection
- J groove beveling available as option
- Quick setup
- Extendable rails



The ABM-28 can perform beveling along steel plate's edge in both travel directions eliminating hard physical work of the operator.

Required length of the guide track (rail) can be accomplished with additional sections of guide tracks.



Plate thickness max 35 mm 36-70 mm (option)

Bevel width up to 35 mm

Bevel angle from 60 to minus 60°

Top beveling

Facing off

Bottom beveling

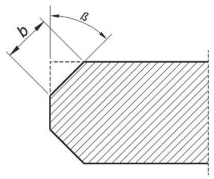
Clad removal (option) depth up to 5 mm (1/5") width up to 25 mm (1")

J-groove beveling (option)

| ABM-28 TECHNICAL SPECIFICATION | |
|---|---|
| Voltage | ~220–240 V, 50–60 Hz |
| Power | 1600 W |
| Spindle speed (no load) | 2780 rpm |
| Bevel angle ($\beta$) | 60 to -60° |
| Maximum bevel width (b) | 35 mm (1.38") |
| Feed speed | 250 – 500 mm/min |
| Plate thickness | max 35 mm, 36-70 mm (option) |
| Weight (machine with 1 guide track) | 53.5 kg (118 lbs) |
| Product Code | UKS-0518-10-20-00-0 |

| $\beta$ | 0° | 30° | 45° | 60° |
|---|---|---|---|---|
| b | 35 mm | 30 mm | 28 mm | 30 mm |

Maximum bevel width depends on the beveled angle







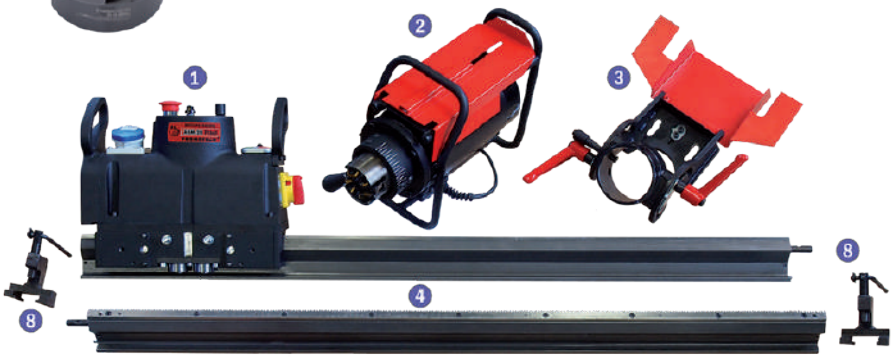
Milling heads for beveling (standard) and for J-groove (option)





## Standard shipping set:

1. Carriage mounted on a guide track
2. Milling unit
3. Milling unit support for beveling at 60° to - 60°
4. Additional guide track section
5. Track clamp for 10-35 mm thick plates (3 pcs)
6. Chip container
7. Set of tools
8. Clamp for 10-35 mm thick plates (2 pcs)
   - Wooden box
   - Operator's Manual







## Accessories and optional equipment:

- GLW-000013 Milling head (7 inserts required)
- PLY-000282 Cutting insert (1 piece), sold 10pcs/box
- PLY-000591 Cutting insert HD (1 piece), sold 10pcs/box
- GLW-0518-07-03-00-0 J-groove R6 milling head (6 inserts R6 required)
- PLY-000422 Cutting insert for J-groove R6 end preparation
- GLW-0518-07-04-00-0 J-groove R8 milling head (5 inserts R8 required)
- PLY-000424 Cutting insert for J-groove R8 end preparation
- ZSP-0518-13-00-00-0 Guide track L=1200mm (47.25")
- UST-0152-99-02-00-0 Track clamp for 10-35mm thick plates
- UST-0152-15-01-00-1 Track clamp for 36-70 mm thick plates
- ZCS-0152-99-00-00-0 Clamp for 10-35 mm thick plates
- ZCS-0152-99-01-00-0 Clamp for 36-70 mm thick plates
- WSP-0518-03-00-00-0 Milling unit support for beveling 10-35mm thick plates from -60° to 60°
- WSP-0518-04-00-00-0 Milling unit support for beveling 36-70 mm thick plates at 0° to 60° (incl. facing)
- WSP-0518-05-00-00-0 Milling unit support for beveling 36-70 mm thick plates at 0° to -60°
- ZST-0518-07-00-00-0 12° Angle attachment with height adjustment
- ZST-0518-09-00-00-0 Clad removal attachment incl. milling unit support and 3 track clamps for up to 35 mm thick plate



WSP-0518-04-00-00-0



WSP-0518-05-00-00-0



ZST-0518-07-00-00-0



ZST-0518-09-00-00-0



All information is subject to change without notice. 24.05

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