



PORTABLE LINE BORING MACHINE OB400 DUAL SYSTEM

WORKING AND OPERATING RANGES

Boring Bar	Ø	40mm (1.57")
Internal line boring	Ø	42mm - 400mm (1.65" - 15.74")
Internal Automatic Bore Welding	Ø	Extra Kit
External Automatic Bore Welding	Ø	Extra Kit
Drilling	Ø	Extra Kit
Tapping	Ø	Extra Kit
Flange Facing and Seeger Circlips	Ø	Optional with FK (Facing Kit)
External Turning	Ø	Optional with KTE Kit

ADVANTAGES

Patented DUAL SYSTEM: Two modules for independent task (welding and facing)

Double motorization: Total control of rotation and feed

Motor protection (MMPS): MAUCOTOOLS Motor Protection System (MMPS)

Modular system: Compatible with all Optional Kits to increase machining diameter up to 600mm and operations (Automatic Bore Welding, Facing, Drilling and Tapping).

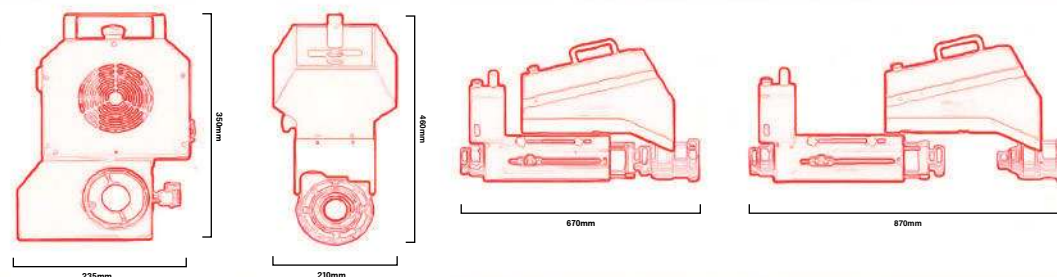
Cost-effective: No need to purchase a new machine, optimizing your investment

Time and money savings: One setups, quick centering kit with magnetic system

Robust and precise: Ø16mm tool holder, connecting tool holder bars (Ø20mm, Ø40mm and Ø60mm)

Safety: MAUCOTOOLS Error Detection System (MeDS) and MMPS

Advanced features: Synchronized rotation and feed, unlimited longitudinal stroke, fast electronic feed



DUAL SYSTEM Feed Module

Brushless motor	YES
Phases	1
Motor type	DC
Power	125W
Speed	0-300 RPM
Feed	Electromechanical (Automatic and Manual)
MeDS	YES
MMPS	YES

DUAL SYSTEM Rotation Module

2 types of motors	Electric	Hydraulic
Speed (2 gears)	Speed I: 54-126 RPM Speed II: 180-423 RPM	Min. 9 RPM Max. 423 RPM
Power	1800W - 220V-230V (110V Available)	5.5kW

MAUCOTOOLS S.R.L

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STANDARD PACK

OB400 DUAL SYSTEM

 x1 cod. RT DUAL SYSTEM Rotation Module	 x1 cod. AV DUAL SYSTEM Feed Module	 x1 cod. CAV Control Panel for Feed Module	 x1 cod. CAV1 Connection cable for Feed Module	 x1 cod. C37C¹ C37L² Power Supply Cable	 x1 cod. C37RA Connection Cable for Rotation and Feed Modules	 x1 cod. B27 Boring bar ø40mm (1.57") L=1000mm (39.37")	 x1 cod. B27G Internal Boring bar Coupling
 x1 cod. ECM Morse Taper Ejecting Drift	 x1 cod. CM1 Morse Cone Adapter for drilling	 x1 cod. B16 MAUCOTOOLS Locking System (MLS)	 x1 cod. A32 Bearing Carrier for Feed Module	 x2 cod. S34 Universal Support	 x1 cod. C10 Special Wrench for Universal Support	 x6 cod. S34S-60 Bracket with Spacer for Support L=60mm (2.36")	 x6 cod. SS100 Bracket for Universal support L=100mm (3.94")
 x6 cod. SS180 Bracket for Universal support L=180mm (7.08")	 x2 cod. SM30-400 Magnetic Fast-Centering kit	 x1 cod. C29 Special Caliper for Internal Diameter	 x1 cod. C31M Dial Gauge with Magnetic Holder	 x1 cod. P16L40-06 Toolholder ø16mm (0.63") L=40mm (1.57")	 x1 cod. P16L60-06 Toolholder ø16mm (0.63") L=60mm (2.36")	 x1 cod. P16L100-06 Toolholder ø16mm (0.63") L=100mm (3.94")	 x10 cod. P06 Carbide Insert for Toolholder
 x10 cod. P15A Torx Screw for Toolholder	 x1 cod. PC14 Torx Wrench for Toolholder	 x1 cod. GR4 Cutting Depth Adjustment Hook	 x1 cod. PC15 Toolholder Extension ø90mm (3.54")	 x1 cod. PUC115 Toolholder Extension L=115mm (4.53")	 x1 cod. PUC250 Toolholder Extension L=140mm (5.51")	 x1 cod. PUL400 Toolholder Extension L=320mm (12.59")	 x1 cod. C11 Complete Kit of Service Keys and Wrenches
 x1 cod. C11 Red Metal Box (Packing)							

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¹ C37C: Short power cable (1 unit);

² C37L: Long power cable (1 unit);