



PORTABLE LINE BORING MACHINE **LBM400 DUAL SYSTEM**

WORKING AND OPERATING RANGES

Boring Bar	Ø	40mm (1.57")
Internal line boring	Ø	42mm - 400mm (1.65" - 15.75")
Internal Automatic Bore Welding	Ø	32mm - 400mm (1.28" - 15.75")
External Automatic Bore Welding	Ø	22mm - 400mm (0.88" - 15.75")
Drilling	Ø	10mm - 45mm (0.39" - 1.77")
Tapping	Ø	10mm - 45mm (0.39" - 1.77")
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

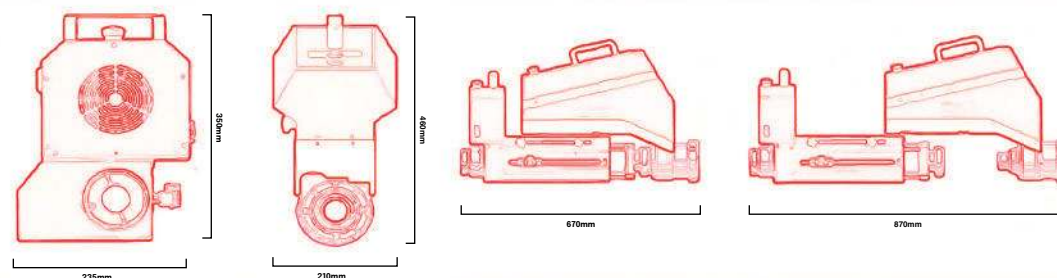
Cost-effective: No need to purchase a new machine, optimizing your investment

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

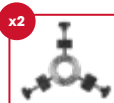
MAUCOTOOLS S.R.L

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STANDARD PACK

LBM400 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	 x2 cod. C37C¹ C37L² Power Supply Cable	 x1 cod. C37RA Connection Cable for Rotation and Feed Modules	 x2 cod. B27³ B27S⁴ Boring bar ø40mm (1.57") L=1000mm (39.37')	 x2 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	 x4 cod. S34 Universal Support	 x1 cod. C10 Special Wrench for Universal Support	 x12 cod. S34S-60 Bracket with Spacer for Support L=60mm (2.36')	 x12 cod. SS100 Bracket for Universal support L=100mm (3.94')
 x12 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 Measurement	 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. T17 Telescopic Welding Torch Shaft L=1700mm EUR Cable	 x1 cod. R17AS Front Articulated Joint for Welding Torch Shaft	 x1 cod. R17 Torch Head for Internal Welding	 x1 cod. R17P40 Torch Head Extension L=40mm (1.57')	 x1 cod. R17P60 Torch Head Extension L=60mm (2.36')	 x1 cod. R17P100 Torch Head Extension L=100mm (3.94')	 x1 cod. R17PS External Torch Head Extension L=320mm (12.59')	 x1 cod. R17GD Large-Diameter Welding Torch L= 190 mm (7.48')
 x3 cod. G08C Short Welding Wire Tip ø0,8mm (0.031')	 x3 cod. G08L Long Welding Wire Tip ø0,8mm (0.031')	 x3 cod. G10C Short Welding Wire Tip ø1,0mm (0.039')	 x3 cod. G10L Long Welding Wire Tip ø1,0mm (0.039')	 x2 cod. G22C Short Gas Nozzle	 x2 cod. G22L Long Gas Nozzle	 x1 cod. BTS40 Torch Lock	 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);

³ B27: Bar ø40mm L=1000mm without head hole (1 unit);

⁴ B27S: Bar ø40mm L=1000mm with head hole (1 unit);