



PORTABLE LINE BORING MACHINE **LBM600X DUAL SYSTEM**

WORKING AND OPERATING RANGES

Boring Bar	Ø	60mm (2.36")
Internal line boring	Ø	62mm - 600mm (2.44" - 23.65")
Internal Automatic Bore Welding	Ø	32mm - 600mm (1.28" - 23.65")
External Automatic Bore Welding	Ø	22mm - 600mm (0.88" - 23.65")
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

MAUCOTOOLS S.R.L

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ADVANTAGES

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

Stronger motor: The machine features a more powerful 2300W motor with 4 speeds and is also available in 110V and Hydraulic versions

Double motorization: Total control of rotation and feed

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

Modular system: Compatible with all Optional Kits to reduce and increasing machining diameter starting from 22mm up to 1200mm

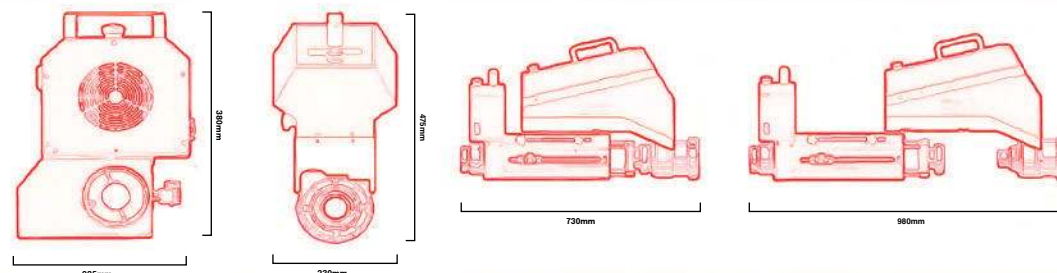
Cost-effective: No need to purchase a new machine, optimizing your investment

Time and money savings: One setup, many working operations

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

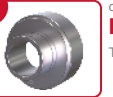
DUAL SYSTEM Rotation Module

2 types of motors	Electric	Hydraulic
Speed (4 gears)	Speed I: 30 - 90 RPM Speed II: 50 - 140 RPM Speed III: 130 - 400 RPM Speed IV: 210 - 630 RPM	Min. 9 RPM Max. 423 RPM
Power	2300W - 220V-230V (110V Available)	5.5kW

STANDARD PACK

LBM600X 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	 x3 cod. B27S60X³ B2760X⁴ Boring bar ø60mm (2.36") L=1000mm (39.37")	 x2 cod. B27GX Internal Boring bar Coupling
 x1 cod. ECM Morse Taper Ejecting Drift	 x1 cod. CM1X Morse Cone Adapter for drilling	 x1 cod. A32 Bearing Carrier for Feed Module	 x4 cod. S3460X Universal Support	 x1 cod. C10X 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")
 x12 cod. SS250 Bracket for Universal support L=250mm (9.84")	 x2 cod. S34F60 Flange for Support for Boring Bar ø40mm (1.57")	 x2 cod. CN600X Centering Kit from ø400mm (15.74") to ø600mm (23.62")	 x1 cod. MCS600 Microspand up to ø600mm (23.62")	 x1 cod. C31MX Dial Gauge with Magnetic Holder	 x1 cod. P16L60-06 Toolholder ø16mm (0.63") L=60mm (2.36")	 x1 cod. P16L100-06 Toolholder ø16mm (0.63") L=100mm (3.94")	 x1 cod. P16L120-06 Toolholder ø16mm (0.63") L=120mm (4.73")
 x10 cod. P06 Carbide Insert for Toolholder	 x10 cod. P15A Torx Screw for Toolholder	 x1 cod. PC14 Torx Wrench for Toolholder	 x1 cod. GR4X Cutting Depth Adjustment Hook	 x1 cod. SRU300 Toolholder Extension L=50mm (1.97")	 x1 cod. SRU400 Toolholder Extension L=100mm (3.94")	 x1 cod. SRU500 Toolholder Extension L=140mm (5.51")	 x1 cod. SRU600 Toolholder Extension L=210mm (8.26")
 x1 cod. S34S60X Tool Holding Fixture for LBM600X	 x1 cod. CPS600 Counterweight for Line Boring						
 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")	 x2 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. BRSMX Reduction bushings for Welding Torch	 x1 cod. BTS40X Torch Lock
 x1 cod. C11 Complete Kit of Service Keys and Wrenches	 x1 cod. CI1X Red Metal Box (Packing)						

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¹ C37C: Short power cable (1 unit); ² C37L: Long power cable (1 unit);

³ B2760X: Bar ø60mm L=1000mm without head hole (2 units); ⁴ B27S60X: Bar ø60mm L=1000mm with head hole (1 unit);