



General Technical Characteristics

Boring Diameter	mm	400 - 1700 (15,75 - 66,93)
Welding Diameter	mm	400 - 1700 (15,75" - 66,93")
Tool Holder Shaft Diameter	mm	100 (3,94")
Tool Holder Shaft Length		3000 mm single shaft (potentially connectable)
Longitudinal Stroke		UNLIMITED WITH STEP OF 260 mm (10,24")
Rotation Motor		DC (CE COMPLIANT)
Feed Motor		DC (CE COMPLIANT)
Output Torque at the Bar		6300 Nm (41 Rpm)
Max Rotation Speed	rpm	41
Feed Rate	mm/rpm	0-0,4 (0-0,02"/rev)
Max Feed Speed	mm/min	53
Removal Material	cm/min	172
Drive Unit Weight	kg	105

Standard Diameter Ranges

IN-LINE BORING FROM Ø 400 MM TO OVER Ø 1700 MM
 OVERLAY WELDING : INTERNAL - FROM Ø 400 MM TO OVER Ø 1700 MM
 EXTERNAL - FROM Ø 400 MM TO OVER Ø 1700 MM

Standard Equipment

N°1 DRIVE UNIT - N° 1 CONTROL PANEL - N° 1 CABLE FOR CONTROL PANEL
 N° 1 CONTROL PANEL HOLDER - N° 20 WASHERS FOR STAR SHAPED BRACKETS FIXING
 N° 34 BRACKETS FOR ADJUSTING DIAMETERS (N° 12 X mm 200, N° 12 X mm 300, N° 10 X mm 850 double special brackets)
 N° 24 THREADED BARS FOR CENTRING KIT (6 - M30x200 mm; 6 - M30x400 mm; 6 - M30x600 mm; 6 - M30 X 800 mm)
 N° 1 TOOL HOLDER SHAFT Ø 100 mm Lgth. 3000mm - N° 4 BEARING CARRIERS
 COMPLETE BOLTING - N° 2 STAR SHAPED BRACKETS Ø 920 mm
 N° 88 THREADED BARS M14 (TENSION BAR) FOR TOOL HOLDER (8 X 100mm + 8 x 150 mm + 8x 200mm +
 8 x 250 mm + 8 x 300 mm + 8 x 350 mm + 8 X 400 mm + 8 x 450 mm + 8 x 500 mm + 8 x 550 mm + 8 x 600 mm)
 N° 10 STUD FOR BRACKET - N° 10 STUD SPACERS - N° 10 STUD NUTS
 N° 2 TOOL HOLDER KEYS 8X8X110 - N° 20 WASHERS 18
 N° 1 CENTERING KIT (2 EXT.RINGS - 2 INT.RINGS - 6 BOSSES Lgth. 100 mm)
 N° 1 TOOL HOLDER S10Cx30 mm (COMPLETE WITH TORX SCREW)
 N° 1 TOOL HOLDER S10Cx50 mm (COMPLETE WITH TORX SCREW)
 N° 1 TOOL HOLDER S12Cx80 mm (COMPLETE WITH TORX SCREW)
 N° 1 WRENCH FOR TOOL HOLDERS - N° 10 CARBIDE INSERTS
 N° 1 MAIN DISK SHAPED TOOL HOLDER Ø 340 MM COMPOSED OF 2 HALF DISKS
 N° 1 TELESCOPIC TORCH SHAFT Ø 60 mm Lgth. Tot. 2000 mm (WATER COOLED)
 N° 1 WELDING TORCH CABLE WITH EUR ATTACHMENT (WATER COOLED)
 N° 2 TOWER SHAPED TOOL HOLDER EXTENSION 100 MM FOR MAIN TOOL HOLDER
 N° 4 SUPPLEMENT HEIGHT 50 MM FOR TOOL HOLDER EXTENSION
 N° 4 SUPPLEMENT HEIGHT 100 MM FOR TOOL HOLDER EXTENSION
 N° 2 SUPPLEMENT HEIGHT 200 MM FOR TOOL HOLDER EXTENSION
 N° 2 CHROMED BARS Ø 40 X 50 MM FOR TOOL HOLDER EXTENSION
 N° 2 CHROMED BARS Ø 40 X 100 MM FOR TOOL HOLDER EXTENSION
 N° 2 CHROMED BARS Ø 40 X 150 MM FOR TOOL HOLDER EXTENSION
 N° 1 MICROSPAND (MODULAR DEVICE USED FOR INTERNAL MEASUREMENTS)
 N° 4 MICROSPAND EXTENSIONS 100 mm - N° 1 COMPARATOR 1/100 - N° 1 COMPARATOR EXTENSION
 N°2 COMPARATOR HOLDER 8/8 - 10/8 - N° 2 LONG WELDING WIRE NOZZLES Ø 1,2 mm
 N° 2 LONG WELDING WIRE NOZZLES Ø 1,6 mm - N° 2 ADAPTING BUSHINGS FOR TORCH SHAFT
 N° 1 LONG GAS DIFFUSER
 N° 1 TROLLEY - WRENCHES - OPERATION MANUAL

Accessory kits

KIT 2000 from Ø 400 mm to Ø 1700 mm
 For facing bosses, creating circlip grooves,
 external machining.

Certified test

Steel C45		DIAMETERS	DIAMETERS
Diameter	mm	Ø800	Ø1700
Cutting Depth	mm	4 IN THE RADIUS 8 IN THE DIAMETER	1,5 IN THE RADIUS 3 IN THE DIAMETER
Feed Speed	mm/min	5	2

