



WS2 Compact

General Technical Characteristics

Boring Diameter	mm	22 - 400 (0,87 - 15,75)
Welding Diameter	mm	25 - 400 (0,98" - 15,75")
Tool Holder Shaft Diameter	mm	40 (1,57")
Tool Holder Shaft Length		2600 mm (3 connectable bars 1000 x 1000 x 730)
Longitudinal Stroke		UNLIMITED WITH STEP OF 120 mm (4,72")
Rotation Motor		DC (CE COMPLIANT)
Feed Motor		DC (CE COMPLIANT)
Output Torque at the Bar		290 Nm (266 Rpm)
Max Rotation Speed	rpm	266
Feed Rate	mm/rpm	0-0,5 (0-0,02"/rev)
Max Feed Speed	mm/min	285
Removal Material	cm/min	23
Drive Unit Weight	kg	27

Standard Diameter Ranges

IN-LINE BORING FROM Ø 42 MM TO OVER Ø 400 MM
 OVERLAY WELDING : INTERNAL - FROM Ø 25 MM TO OVER Ø 400 MM
 EXTERNAL - FROM Ø 20 MM TO OVER Ø 400 MM
 TAPPING - FROM Ø 8 MM TO MAX Ø 45 MM
 DRILLING - FROM Ø 5 MM TO MAX Ø 45 MM

Standard Equipment

- N° 1 DRIVE UNIT - N° 1 CONTROL PANEL
- N° 1 CABLE FOR CONTROL PANEL
- N° 1 CONTROL PANEL HOLDER
- N° 3 CONNECTABLE TOOL-HOLDER SHAFTS WITH CONICAL COUPLING Ø 40 MM
lgth 1000 mm + 1000 mm + 730 mm
- N° 4 BEARING CARRIERS
- N° 24 BRACKETS FOR ADJUSTING DIAMETERS (N° 12 X 50 MM, N° 6 X 100 MM, N° 6 X 180 MM)
- N° 4 TOOL-HOLDER EXTENSIONS (Ø 90 MM + Ø 150 MM + Ø 230 MM + extension lgth 100 MM)
- N° 1 CENTERING KIT (2 RINGS - 6 BOSSES - 6 SCREWS M10x60 mm)
- N° 6 THREADED BARS M10x250 MM FOR THE CENTERING KIT
- N° 1 COMPARATOR 1/100
- N° 2 COMPARATOR HOLDER 8/8 - 10/8
- N° 1 COMPARATOR EXTENSION
- N° 1 WELDING TORCH CABLE WITH EUR-FITTING
- N° 1 TELESCOPIC WELDING TORCH SHAFT Ø 40 MM Tot. Lgth. 1500 mm
- N° 4 TORCH HEADS FOR INTERNAL OVERLAY WELDING C/W WELDING WIRE NOZZLES AND GAS DIFFUSER
(B 125 MM x C 90 MM x G 180 MM x M 70 MM)
- N° 1 TORCH HEAD FOR EXTERNAL OVERLAY WELDING C/W WELDING WIRE NOZZLES AND GAS DIFFUSER
(A 320 MM)
- N° 3 TORCH HEAD EXTENSIONS (D 55 MM x E 45 MM x H 135 MM) - N° 5 CARBIDE INSERTS
- 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 MICROSPAND (MODULAR DEVICE USED FOR INTERNAL MEASUREMENTS)
- N° 3 MICROSPAND EXTENSIONS (N° 1 x 100 MM + N° 2 x 50 MM)
- N° 1 LATHED WELDING WIRE NOZZLE Ø 0,8 MM
- N° 1 WRENCH FOR TOOL HOLDERS
- N° 2 SHORT WELDING WIRE NOZZLE Ø 0,8 MM - 1 MM
- N° 2 LONG WELDING WIRE NOZZLE Ø 0,8 MM - 1 MM
- N° 1 SMALL HOOK (device for regulating cutting depth of tool holder)
- N° 1 FLANGE FOR REDUCED SPACES
- N° 1 TROLLEY - WRENCHES - OPERATION MANUAL

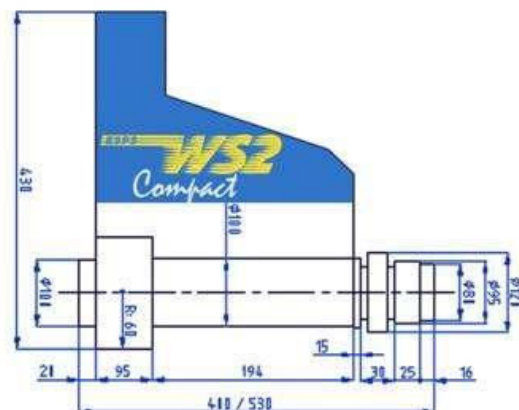
Accessory kits

KIT 20 For in line boring starting from ø 22mm
 KIT 30 For in line boring starting from ø 32mm

KIT 2000 from ø 45 mm to ø 400mm
 For facing bosses, creating circlip grooves,
 external machining

Certified Test

Steel C45		DIAMETERS	DIAMETERS
Diameter	mm	Ø100	Ø300
Cutting Depth	mm	5 IN THE RADIUS 10 IN THE DIAMETER	3 IN THE RADIUS 6 IN THE DIAMETER
Feed Speed	mm/min	20	8



Boring and Welding Machine Tool ...Hi Tech



EFFICIENCY



Restoring the supports of the chassis lift ram location without removing the cabin. Disassembling the cabin, on the new excavator machines, means that while reassembling it, there can be complications on the electronic and electrical apparatus.

Reconditioning of the excavator arm.
On-site operation, without disassembling the stick and the hydraulic tubes, while respecting the environment.



Regeneration of the swing check valve of gas pipelines.

REDUCE MACHINING TIME
OF 85% AND
ELIMINATE DOWN TIME

