

WS2





## WS2 TECHNICAL CHARACTERISTICS

### 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 Ø 40 MM LGTH 1000 MM + 1000 MM + 730 MM; TOT. USABLE LGTH 2600 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° 1 CENTERING KIT (2 RINGS - 6 BOSSES - 6 SCREWS M10X60 MM)
- N°6 THREADED BARS M10X250 MM FOR THE CENTERING KIT
- N° 5 CARBIDE INSERTS
- N° 1 TOOL-HOLDER S10CX50 MM (COMPLETE WITH WRENCH AND TORX SCREW)
- N° 1 TOOL-HOLDER S12CX80 MM (COMPLETE WITH WRENCH AND TORX SCREW)
- N° 4 TOOL-HOLDER EXTENSIONS (Ø 90 MM + Ø 150 MM + Ø 230 MM + EXTENSION KNUX TYPE LGTH 100 MM),
- N° 1 SMALL HOOK Ø 35MM (DEVICE FOR REGULATING CUTTING DEPTH OF TOOL HOLDER)
- N° 1 MICROSPAND (MODULAR DEVICE USED FOR INTERNAL MEASUREMENTS)
- N°3 MICROSPAND EXTENSIONS (N° 1) 100 MM + (N° 2) 50 MM
- N°1 COMPARATOR 1/100
- N°1 COMPARATOR EXTENSION
- N°2 COMPARATOR HOLDER 8/8 - 10/8
- 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°1 LATHED WELDING WIRE NOZZLE Ø 0,8 MM
- N° 2 SHORT WELDING WIRE NOZZLE Ø 0.8 MM - 1 MM
- N° 2 LONG WELDING WIRE NOZZLE Ø 0.8 MM - 1 MM
- WRENCHES
- OPERATION MANUAL
- N° 1 TROLLEY (FOR CONTAINING ALL THE STANDARD KIT)

### ACCESSORY KITS

#### KIT 20

for in line boring starting from Ø22mm up to Ø45mm

#### KIT 30

for in line boring starting from Ø32mm up to Ø60mm

**KIT 2000** from Ø 45 mm up to Ø 400 mm  
FOR FACING BOSSES, CREATING A CIRCLIP  
GROOVES, EXTERNAL MACHINING.

### STANDARD WORKING DIAMETERS

#### IN-LINE BORING

Starting from Ø 42mm up to Ø 400mm

#### ROTARY WELDING

internal

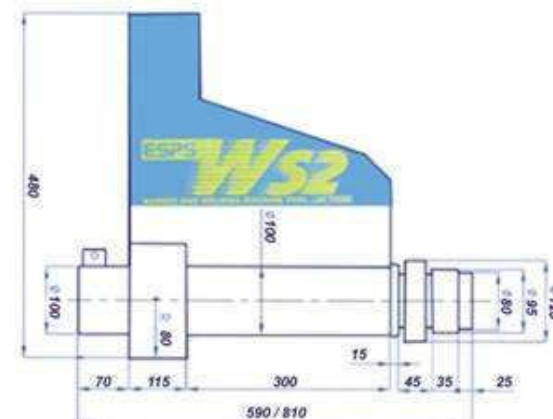
Starting from Ø 25mm up to Ø 400mm

external

Starting from Ø 20mm up to Ø 400mm

**DRILLING** from Ø 5 mm up to Ø 45 mm

**TAPPING** from Ø 8 mm up to Ø 45 mm



### TECHNICAL CHARACTERISTICS

TOOL HOLDER SHAFT DIAM.	mm	40 (1,57")
TOOL HOLDER SHAFT LGTH.		2600 MM (N° 3 conn. bars 1000 x 1000 x 730 mm)
BORING DIAMETER	mm	22 - 400 ( 0,87" - 15,75")
WELDING DIAMETER	mm	25 - 400 ( 0,98" - 15,75")
WELDING TECHNOLOGY		SPIRAL (Continuous with variable step)
LONGITUDINAL STROKE		UNLIMITED WITH STEP OF 220 mm ( 8,66")
ROTATION MOTOR		CC NORMA CE
FEED MOTOR		CC NORMA CE
FEED		ELECTRIC - MECHANICAL
OUTPUT TORQUE AT THE BAR		290 Nm ( 266 Rpm )
MAX SPEED	rpm	266
FEED RATE	mm/rpm	0-0,5 ( 0-0,02 / rev )
MAX FEED SPEED <small>w/rapid button</small>	mm/min	285
REMOVAL MATERIAL	cm³/min	23
DRIVE UNIT WEIGHT	kg	34

#### CERTIFIED TEST

STEEL C45		DIAMETER	DIAMETER
VALUE	mm	Ø 100	Ø 300
CUTTING DEPT	mm	5 in the radius 10 in the diameter	3 in the radius 6 in the diameter
FEED SPEED	mm/min	20	8

