



SMALLER



### General Technical Characteristics

<b>Boring Diameter</b>	mm	<b>22 - 70</b> (0,87 - 2,76)
<b>Welding Diameter</b>	mm	<b>25 - 400</b> (0,98" - 15,75")
Tool Holder Shaft Diameter	mm	<b>20</b> (0,79")
Tool Holder Shaft Length		<b>1950</b> mm (2 connectable bars 1000 x 1000)
Longitudinal Stroke		UNLIMITED WITH STEP OF <b>80</b> mm ( 3,15' )
Rotation Motor		<b>DC (CE COMPLIANT)</b>
Feed Motor		<b>DC (CE COMPLIANT)</b>
Output Torque at the Bar		<b>46,5</b> Nm (400 Rpm)
Max Rotation Speed	rpm	<b>400</b>
Feed Rate	mm/rpm	<b>0-0,3</b> (0-0,01"/rev)
Max Feed Speed	mm/min	<b>130</b>
Removal Material	cm/min	<b>18</b>
Drive Unit Weight	kg	<b>12</b>

### Standard Diameter Ranges

**IN-LINE BORING**  
**FROM Ø 22 MM TO OVER Ø 70 MM**  
**OVERLAY WELDING**  
**INTERNAL- FROM Ø 25 MM TO OVER Ø 400 MM**  
**EXTERNAL- FROM Ø 20 MM TO OVER Ø 400 MM**

### Standard Equipment

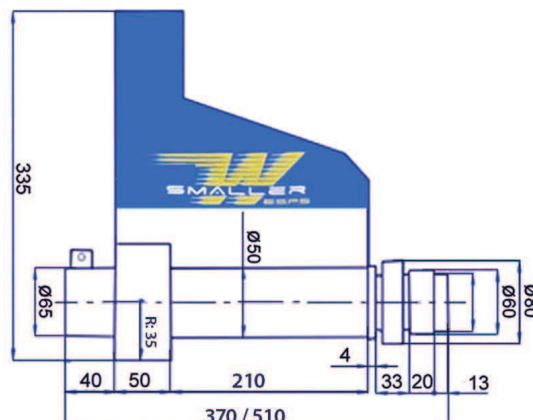
- N° 1 DRIVE UNIT - N° 1 CONTROL PANEL
- N° 1 CABLE FOR CONTROL PANEL - N° 1 CONTROL PANEL HOLDER
- N° 2 CONNECTABLE TOOL-HOLDER SHAFTS Ø 20 MM LGTH 1000 MM + 1000 MM
- N° 4 BEARING CARRIERS
- N° 12 EXTENSION BRACKETS FOR ADJUSTING DIAMETERS LGTH. MM 60
- N° 1 TOOL HOLDER EXTENSION Ø 50 MM
- N° 1 CENTERING KIT (2 RINGS - 6 BOSSES- 6 SCREWS M10 X 100 mm)
- N° 1 MICROSPAND (modular device used for internal measurements)
- N° 1 COMPARATOR 1/100
- N° 2 COMPARATOR HOLDERS 8/8
- N° 1 COMPARATOR EXTENSION
- N° 1 TORCH CABLE WITH EUR ATTACHMENT
- N° 1 WELDING TORCH SHAFT Ø 20 MM x 1000 MM LGTH
- N° 1 TORCH HEAD FOR EXTERNAL OVERLAY WELDING C/w WELDING WIRE NOZZLES AND GAS DIFFUSER (A 320 MM)
- N° 4 TORCH HEADS FOR INTERNAL OVERLAY WELDING C/w WELDING WIRE NOZZLES AND GAS DIFFUSER (M 70 MM x C 90 MM x B 125 MM x G 180 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 58x25 MM (COMPLETE WITH WRENCH AND TORX SCREWS)
- N° 1 LATHED WELDING WIRE NOZZLE Ø 0,8 MM
- N° 2 SHORT WELDING WIRE NOZZLES Ø 0,8 MM - Ø 1 MM
- N° 2 LONG WELDING WIRE NOZZLES Ø 0,8 MM - Ø 1 MM
- WRENCHES
- N° 1 SUPPORT-HOLDER PLATE - N° 3 SUPPORT-HOLDER PLATE BRACKETS 180 MM
- N° 1 COMPASS (device for measuring internal diameters)
- N° 3 THREADED RODS (M10x200 mm)
- FOR SUPPORT-HOLDER PLATE(M10 X 200) WITH DOUBLE NUT (6 NUTS M10)
- OPERATION MANUAL
- N° 1 TROLLEY

### Accessory kits

**KIT 2000 from ø 25 mm to ø 90 mm**  
 For facing bosses, creating circlip grooves, external machining.

### Certified Test

Steel C45		DIAMETERS	DIAMETERS
Diameter	mm	Ø30	Ø70
Cutting Depth	mm	6 IN THE RADIUS 12 IN THE DIAMETER	3 IN THE RADIUS 6 IN THE DIAMETER
Feed Speed	mm/min	6	3



# Boring and Welding Machine Tool ...Hi Tech



## FUNCTIONALITY



Overlay welding on Ø 380 mm



Reconditioning and realignment of the central articulation of a wheel loader. The work is carried out directly on site without disassembling the hydraulic tubes, thus avoiding waste of oil and respecting the environment.



Reconditioning of the steering axle housing

IMPROVE YOUR SKILL BY ENHANCING THE PRECISION AND QUALITY OF YOUR WORK

