



## General Technical Characteristics

<b>Boring Diameter</b>	mm	<b>22 - 180</b> (0,87 - 7,09)
<b>Welding Diameter</b>	mm	<b>25 - 250</b> (0,98" - 9,84")
Tool Holder Shaft Diameter	mm	<b>35</b> (1,38")
Tool Holder Shaft Length		<b>2380</b> mm (3 connectable bars 1000 x 1000 x 540)
Longitudinal Stroke		UNLIMITED WITH STEP OF <b>120</b> mm (4,72')
Rotation Motor		<b>DC (CE COMPLIANT)</b>
Feed Motor		<b>DC (CE COMPLIANT)</b>
Output Torque at the Bar		<b>120</b> Nm (266 Rpm)
Max Rotation Speed	rpm	<b>266</b>
Feed Rate	mm/rpm	<b>0-0,5</b> (0-0,02"/rev)
Max Feed Speed	mm/min	<b>390</b>
Removal Material	cm/min	<b>23</b>
Drive Unit Weight	kg	<b>20</b>

## Standard Diameter Ranges

**IN-LINE BORING**  
**FROM Ø 37 MM TO OVER Ø 180 MM**  
**OVERLAY WELDING**  
**INTERNAL- FROM Ø 25 MM TO OVER Ø 250 MM**  
**EXTERNAL- FROM Ø 20 MM TO OVER Ø 300 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 35 MM  
 LGTH 1000 mm + 1000 mm + 540 mm
- N° 4 BEARING CARRIERS
- N° 12 EXTENSION BRACKETS FOR DIAMETER ADJUSTING LGTH. 70 mm
- N° 2 TOOL HOLDERS EXTENSIONS ø 80 mm - ø 130 mm
- N° 5 CARBIDE INSERTS
- N° 1 CENTERING KIT (2 RINGS - 6 BOSSES - 6 SCREWS M10x100 mm)
- N° 1 MICROSPAND (MODULAR DEVICE USED FOR INTERNAL MEASUREMENTS)
- N° 1 COMPARATOR 1/100
- N° 2 COMPARATOR HOLDERS 8/8 - 10/8
- N° 1 COMPARATOR EXTENSION
- N° 1 TORCH CABLE WITH EUR ATTACHMENT
- N° 1 TELESCOPIC WELDING TORCH SHAFT Ø 35 MM LGTH. 1500 mm
- N° 3 TORCH HEADS FOR INTERNAL OVERLAY WELDING C/W WELDING WIRE NOZZLES AND GAS DIFFUSER  
 (B 125 mm x M 70mm x N 60 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 O 150 MM)
- N° 2 TOOL HOLDERS S10CX30 mm + S10CX50 MM (COMPLETE WITH TORX SCREWS)
- N° 1 LATHED WELDING WIRE NOZZLES Ø 0,8 - N° 2 SHORT WELDING WIRE NOZZLES Ø 0,8 - ø 1 mm
- N° 1 WRENCH FOR TOOL HOLDERS
- N° 2 LONG WELDING WIRE NOZZLES Ø 0,8 - ø 1 mm
- WRENCHES
- N° 1 SMALL HOOK (device for regulating cutting depth of tool holder)
- OPERATION MANUAL
- N° 1 TROLLEY

## Accessory kits

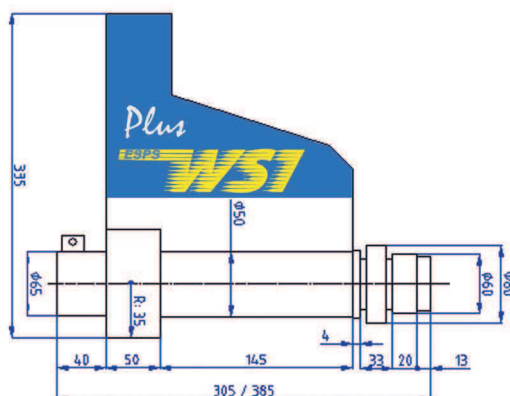
**KIT 20**  
**For in line boring starting from ø 22 mm**

**KIT 2000 from ø 40 mm to ø 250 mm**  
 For facing bosses, creating circlip grooves,  
 external machining.

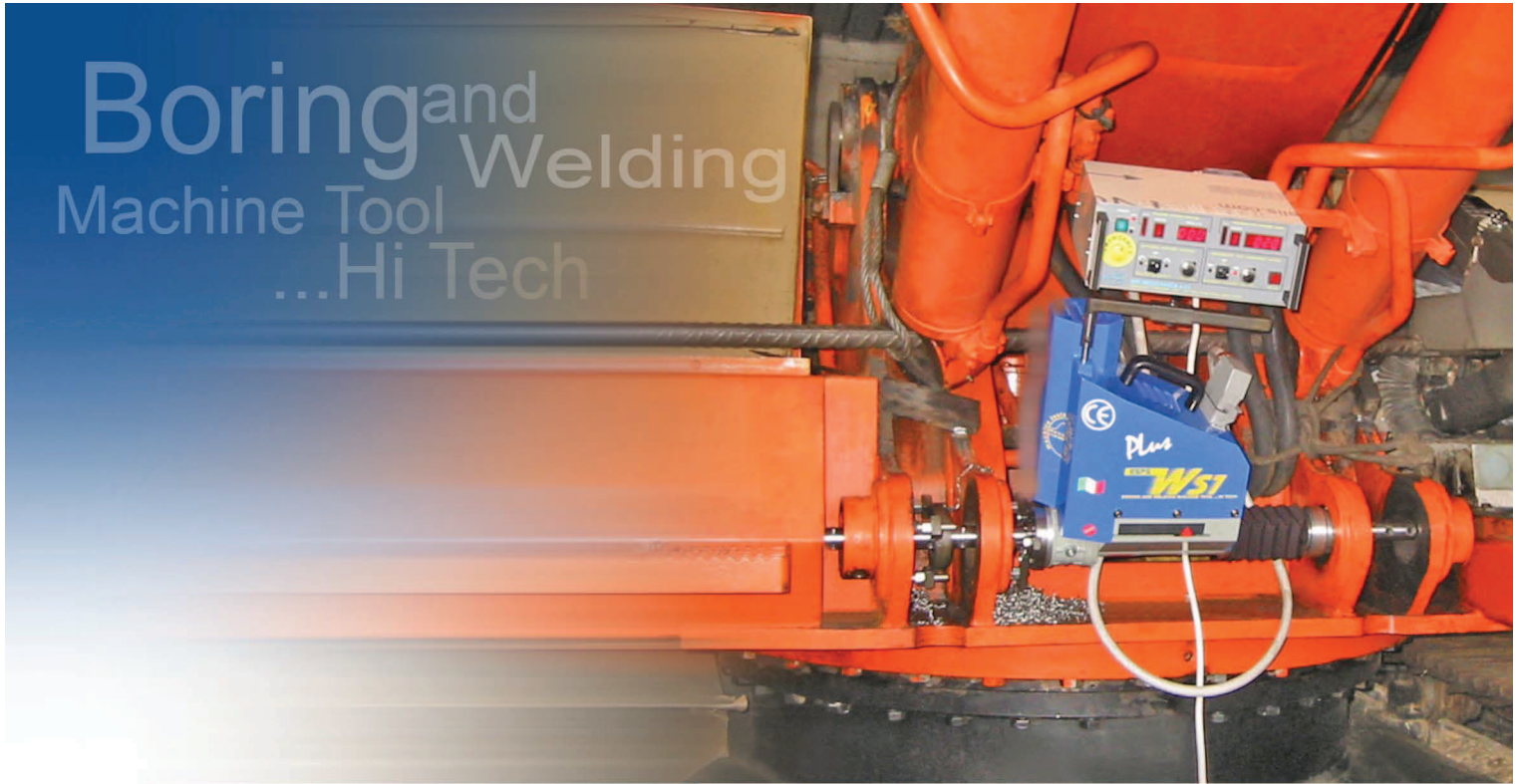
## Certified Test



Steel C45	DIAMETERS	
	mm	DIAMETERS
Diameter	mm	Ø60    Ø180
Cutting Depth	mm	5 IN THE RADIUS 10 IN THE DIAMETER    3 IN THE RADIUS 6 IN THE DIAMETER
Feed Speed	mm/min	8    4



# Boring and Welding Machine Tool ...Hi Tech



## HANDINESS



Reconditioning and realignment of the chassis holes without disassembling the arm. It's evident from the pictures that the use of our machines simplifies the most difficult operations.



REDUCE DRASTICALLY THE BURDENSOME  
MACHINING COSTS

Machining in horizontal, vertical or any other position without compromising the performances of the machine.

