

# EASY

from  $\varnothing$  22 mm to  $\varnothing$  250 mm (0,87" - 9,84")  
PORTABLE LINE BORING MACHINES | SUPERCOMBINATA SERIES



**BE\_XTRA**

 **elsa**<sup>®</sup>  
Super **Xtrafactory** Devices



## PORTABLE LINE BORING MACHINES | SUPERCOMBINATA SERIES

# EASY

The Supercombinata EASY, thanks to its standard equipment, is suitable to perform internal line boring and internal overlay welding within a working range from Ø 22 mm to Ø 250 mm. By means of extra kits, it is suitable to perform external turning, facing of orthogonal planes and creation of circlips grooves. With additional accessories, the Supercombinata can be adapted to many different needs of our customers.

## TECHNICAL SPECIFICATIONS

### DIAMETERS

Boring bar diameter	Ø 40x2200 mm
Line boring	Ø 22 - 250 mm
External turning	Extra kit
Internal welding	Ø 25 - 250 mm
Facing of orthogonal planes	Extra kit

### ROTATION MOTOR

AC motor	Single phase
Power at rated speed	1800 W
Output torque at the bar	290 Nm with 120 rpm
1° speed	Max 115 rpm (145 Nm)
2° speed	Max 400 rpm (45 Nm)

### FEED MOTOR

Gear motor	DC
Power at rated speed	90 W
Max speed	11 rpm
Feed system	Electromechanical
Feed	Manual/Automatic

### WELDING TECHNOLOGY

Spiral	Continuous with variable step
Welding machine	Compatible with MIG/MAG welder with Euro connector

### LONGITUDINAL STROKE

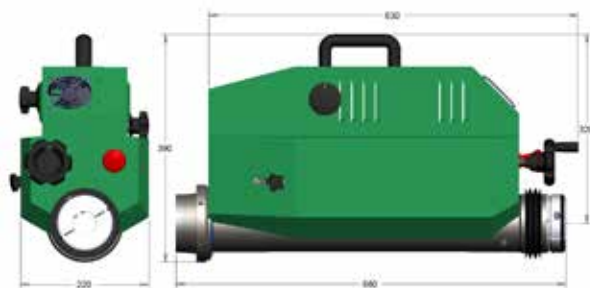
Unlimited	With 350 mm pitch
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### ELECTRONIC CONTROL PANEL

Voltage	230 V (50 Hz)
Main switch	Available
Emergency switch	Available
Inverter feed	RH/LH
Inverter rotation	CW/CCW
Speed regulator	Rotation/Feed
Electrical absorption	2000 W
Control panel 110/120 V	Upon request

### DIMENSIONS

Length	680 mm
Width	240 mm
Height	380 mm
Weight central unit	36 kg



## STANDARD EQUIPMENT

Quantity	Description
1	Main unit
1	Boring machine stand
1	Electronic control panel
1	Control panel holder
1	Cable control panel/machine
1	Power cable
1	Boring bar Ø 40x2200 mm
1	Boring bar extension 520 mm
1	Pivot
1	Tool holder for boring d. 100-250 mm
1	Special tool holder LH Ø 12x40 mm
1	Tool holder LH Ø 12x40 mm
1	Tool holder LH Ø 12x60 mm
1	Tool holder RH Ø 12x100 mm
1	Box with 10 cutting inserts
2	Main bar support
2	Additional support

1	Telescopic shaft for welding
5	Diffusor extension 35 mm
4	Long gas nozzle
4	Short gas nozzle
5	Short contact tip Ø 0,8 mm wire
5	Long contact tip Ø 0,8 mm wire
2	Wire guide nozzle short Ø 0,8 for internal welding from Ø 25 mm
2	Gas retainer nozzle short for Ø 25 mm internal welding
1	Terminal lance for internal overlay welding from Ø 25 mm
1	O-ring for welding shaft 100x5 mm
1	Centring system for through holes
1	Telescopic gauge up to Ø 250 mm
1	Dial gauge
1	Dial gauge support
1	Set of wrenches
1	Screws and bolts
1	Reduction kit for boring from Ø 22 mm (to choose)
1	Reduction kit for boring from Ø 32 mm (to choose)



## EXTRA KITS

### BORING REDUCTION

KEP00187	Ø 22 - 44 mm (0,87" - 1,73")
KEP00188	Ø 32 - 70 mm (1,26" - 2,76")

### FACING

KES00186	Ø 48 - 255 mm (1,89" - 10,04")
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### EXTERNAL TURNING

KEL00202	Ø 100 - 200 mm - P. 200 mm (3,94" - 7,88")
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## ACCESSORIES

AE003017	Boring bar Ø 40x3000 mm
AE000487	External joint for boring bar Ø 40 mm
AE000490	Internal joint for boring bar Ø 40 mm
AE030015	Cam system
GC37SC	Internal support d. 200-300 mm
GC36SC	Adjustable centring cones d. 60-105 mm
SG00127	Terminal lance d. 30-50 mm
COT90201	Long contact tip Ø 1,0 mm wire
COT90202	Short contact tip Ø 1,0 mm wire



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