

SC2 COMPACT

from \varnothing 62 mm to \varnothing 250 mm (2,44" - 9,84")
PORTABLE LINE BORING MACHINES | SUPERCOMBINATA SERIES



BE_XTRA

 **elsa**[®]
Super Xtrafactory Devices



SC2 COMPACT

The Supercombinata SC2 Compact, thanks to its standard equipment, is suitable to perform internal line boring and internal overlay welding within a working range from Ø 62 mm to Ø 250 mm in very small spaces (also blind holes). By means of extra kits it is able 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 60x2200 mm
Line boring	Ø 62 - 250 mm
External turning	Extra kit
Internal welding	Ø 42 - 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	350 Nm with 100 rpm
1° speed	max 100 rpm (170 Nm)
2° speed	max 340 rpm (50 Nm)

FEED MOTOR

Gear motor	DC
Power at rated speed	45 W
Max Speed	11 rpm
Feed system	Electromechanical
Feed	Manual/Automatic

WELDING TECHNOLOGY

Spiral	Continuous with variable step
Welding machine	Compatible with MIG/MAG wire with EURO connector

LONGITUDINAL STROKE

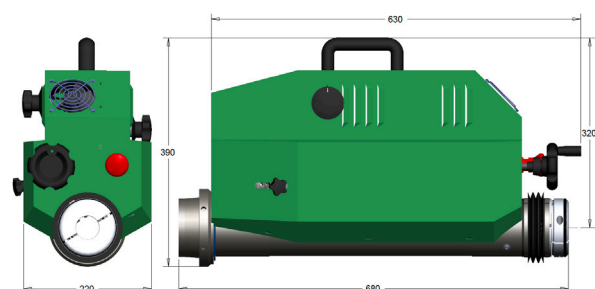
Unlimited	With 250 mm pitch
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ELECTRONIC CONTROL PANEL

Voltage	230 V (50Hz)
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	545 mm
Width	220 mm
Height	380 mm
Weight central unit	34 kg



STANDARD EQUIPMENT

Quantity	Description
1	Main unit
1	Boring machine stand
1	Electronical control panel
1	Control panel holder
1	Cable control panel /machine
1	Power cable
1	Boring bar Ø 60x2200 mm
1	Boring bar extension 415 mm
1	Tool holder for boring d. 120-250 mm
1	Box with 10 cutting inserts
2	Main bar support
2	Additional support
1	Telescopic shaft for welding
1	Reduction bushing drawing torch
1	Reduction bushing locking torch
1	Tool holder adjusting bushing

5	Diffusor extension 35 mm
4	Short gas nozzle
4	Long gas nozzle
5	Short contact tip Ø 0.8 mm wire
5	Long contact tip Ø 0.8 mm wire
1	O-ring for welding shaft 90x5 mm
1	Terminal lance for external welding
1	Centring system for through holes
1	Centring system for blind holes
1	Telescopic gauge up to Ø 250 mm
1	Dial gauge
1	Dial gauge support
1	Set of wrenches
1	Screws and bolts



EXTRA KITS

BORING REDUCTION

KEP00596	Ø 22 - 44 mm (0,87" - 1,73")
KEP00595	Ø 32 - 70 mm (1,26" - 2,76")
KEP00598	Ø 42 - 160 mm (1,65" - 6,30")
KEP00597	for jobs with KES00186

FACING

KES00186*	Ø 48 - 255 mm (1,89" - 10,04")
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*SC2 / SC2 Compact/ SC3 compatible by using KEP00687

EXTERNAL TURNING

KEL00184	Ø 60 - 120 mm - D. 150 mm (2,36" - 4,72")
KEL00202	Ø 100 - 200 mm - D. 200 mm (3,94" - 7,89")
KEL00203	Ø 150 - 300 mm - D. 300 mm (5,90" - 11,81")

ACCESSORIES

AE030025	Boring bar Ø 60x1100 mm
AE001027	Boring bar Ø 60x1500 mm
AE003014	Boring bar Ø 60x3000 mm
AE030026	Tool holder bar Ø 60x2200 mm with double taper
AE003015	Tool holder bar Ø 60x3000 mm with double taper
AE000443	Morse taper attachment 4 mm
AE000442	Internal joint for boring bar Ø 60 mm
AE000441	External joint for boring bar Ø 60 mm
GC35SC	Internal support d. 200-300 mm
GC39SC	Adjustable centring cones d. 135-225 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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