

SC2

from \varnothing 62 mm to \varnothing 600 mm (2,44" - 23,62")
PORTABLE LINE BORING MACHINES | SUPERCOMBINATA SERIES



BE_XTRA

 **elsa**[®]
Super Xtrafactory Devices



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SC2

The Supercombinata SC2, with its standard equipment, is suitable to perform line boring and internal and external overlay welding within a working range from Ø 62 mm to Ø 600 mm (also blind holes). It's suitable for drilling and tapping. By means of extra kits, it is suitable to perform external turning, facing of orthogonal planes and creation of circlips grooves, threading. With additional accessories, the Supercombinata can be adapted to many different needs of our customers. Available with a control panel for 230V or 110V power supply as well as in digital version.

TECHNICAL SPECIFICATIONS

DIAMETERS

Boring bar diameter	Ø 60x2200 mm
Line boring	Ø 62 - 600 mm
External turning	Extra kit
Internal welding	Ø 42 - 600 mm
External welding	Ø 42 - 400 mm
Drilling	Optional accessories
Tapping	Optional accessories
Threading	Extra kit
Facing of orthogonal planes	Extra kit

ROTATION MOTOR

AC motor	Single phase
Power at rated speed	1800 W
Gearbox	4-speed
Output torque at the bar	Up to 520 Nm with 65 rpm

FEED MOTOR

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

LONGITUDINAL STROKE

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

WELDING TECHNOLOGY

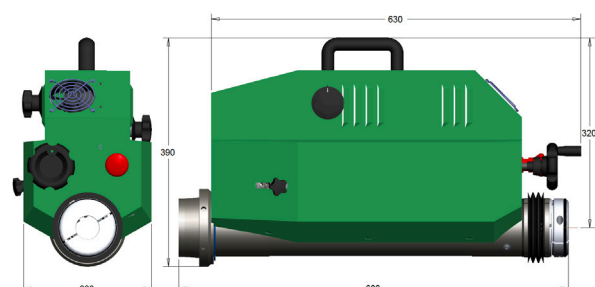
Unlimited	With 350 mm pitch
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ELECTRONIC CONTROL PANEL

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
Digital control panel	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 60x2200 mm
1	Boring bar extension 520 mm
2	Pivot
1	Tool holder for boring d. 120-250 mm
1	Tool holder for boring d. 250-600 mm
1	Tool holder lh Ø 12x50 mm
1	Tool holder lh Ø 12x60 mm
1	Special tool holder lh Ø 12x60 mm
1	Tool holder lh Ø 12x80 mm
1	Tool holder rh Ø 12x100 mm
1	Box with 10 cutting inserts
1	Adjusting plug for tool holder
2	Main bar support
2	Additional support
18	Bracket

4	Flanges support d. 250-600 mm
1	Telescopic shaft for welding
1	Reduction bushing drawing torch
1	Reduction bushing locking torch
5	Diffuser extension 35 mm
3	Diffuser extension 100 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 100x5 mm
1	Terminal lance for external welding
1	Centring system d. 250-600 mm
1	Centring system for through holes
1	Centring system for blind holes
1	Telescopic gauge up to Ø 600 mm
1	Dial gauge
1	Dial gauge support
1	Set of wrenches
1	Screws and bolts



EXTRA KITS

BORING REDUCTION

KEP00594	Ø 22 - 44 mm (0,87" - 1,73")
KEP00593	Ø 32 - 70 mm (1,26" - 2,76")
KEP00688	Ø 42 - 160 mm (1,65" - 6,30")
KEP00687	for jobs with KES00186/KES00200

FACING

KES00186*	Ø 48 - 255 mm (1,89" - 10,04")
KES00200*	Ø 56 - 400 mm (2,20" - 15,75")
KES00363	Ø 228 - 500 mm (8,98" - 19,68")

*SC2 / SC2 Compact / SC3 compatible by using KEP00687

INTERNAL THREADING

KFL00927	Ø 120 - 350 mm (4,72" - 13,78")
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EXTERNAL TURNING

KEL00184	Ø 60 - 200 mm - D. 120 mm (2,36" - 4,72")
KEL00202	Ø 100 - 200 mm - D. 200 mm (3,94" - 7,87")
KEL00203	Ø 150 - 300 mm - D. 300 mm (5,90" - 11,81")

BIG DIAMETERS

KED00360	Ø 600 - 800 mm (23,62" - 31,50")
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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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Elsa Srl
Località La Petrizia - SS 106
88050 Sellia Marina (CZ) - Italia
Tel: (+39) 0961 962854
Fax: (+39) 0961 968716
info@elsasrl.com

www.elsasrl.com