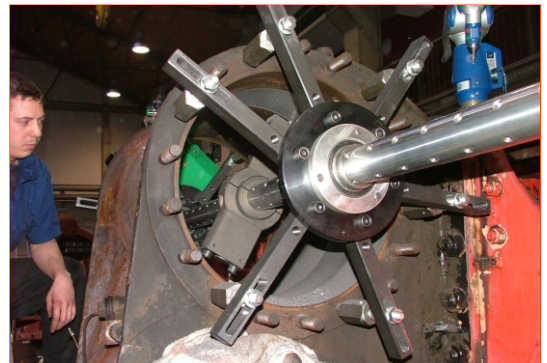




## SUPERCOMBINATA SC3

### COD. SC360/2

PORTABLE MULTIFUNCTIONAL LINE BORING MACHINE  
(from Ø 62 mm to Ø 800 mm)



The model **SUPERCOMBINATA SC3** has a **2300W 4-g geared motor** and its working range goes from **Ø 62 mm a Ø 800 mm** . By means of extra accessories the working range can be increased to **Ø 1200 mm** or reduced down to **Ø 22 mm**.

Furthermore the **SUPERCOMBINATA SC3** can be equipped with additional accessories to make the following jobs:

- **FACING**
- **BORING**
- **MILLING**
- **THREADING**
- **FLANGE FACING**
- **SEEGER CIRCLIPS**
- **EXTERNAL LINE BORING AND WELDING**

Elsa's range of line borers & rotary welding machines are compatible with any MIG/MAG power source with an euro connection.

#### EXTRA KITS

| Code   | Description                      |
|--|----------------------------------|
| <b>Kit for Line Boring</b>   |                                  |
| KEP00594   | Ø 22 mm - Ø 44 mm                |
| KEP00593   | Ø 32 mm - Ø 70 mm                |
| KEP00688   | Ø 42 mm - Ø 160 mm               |
| <b>Kit for Line Boring and Overlay Welding</b>                           |                                  |
| KED00366   | Ø 800 mm - 1200 mm               |
| <b>Kit allows the end user to Flange Face and create Circlip Grooves</b> |                                  |
| KES00186   | Ø 48 mm - Ø 255 mm               |
| Coupled with a reduction kit 60/40 mm                                    |                                  |
| KES00200   | Ø 56 mm - Ø 400 mm               |
| Coupled with a reduction kit 60/40 mm                                    |                                  |
| KES00363   | Ø 228 mm - Ø 500 mm              |
| KES00364   | Ø 376 mm - Ø 800 mm              |
| <b>Kit for Threading</b>   |                                  |
| KFL00927   | Ø 120 mm - Ø 350 mm              |
| <b>Kit for external boring and welding</b>                               |                                  |
| KEL00202   | Ø 150 mm - Ø 200 mm Prof. 200 mm |
| KEL00203   | Ø 150 mm - Ø 300 mm Prof. 300 mm |

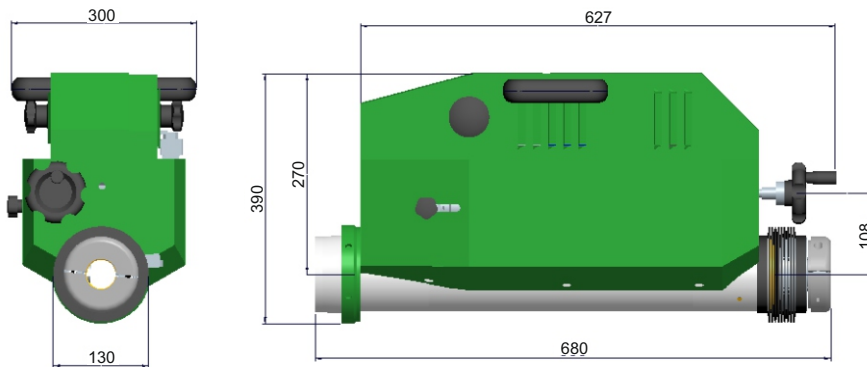
#### ACCESSORIES

| Code     | Description  |
|----------|--|
| AE000441 | JOINT FOR BORING BAR (A) Ø 60 mm                   |
| AE000442 | JOINT FOR BORING BAR (B) Ø 60 mm                   |
| AE003014 | BORING BAR Ø 60 X 3000 mm                          |
| AE030025 | BORING BAR Ø Ø 60 X 1100 mm<br>WITH MORSE 4 TAPPER |
| AE000443 | MORSE 4 TAPPER                                     |
| SG00127  | TERMINAL LAUNCH min. Ø30 mm max. Ø50 mm            |
| COT90201 | LONG CONTACT TIP Ø 1,0 mm                          |
| COT90202 | SHORT CONTACT TIP Ø 1,0 mm                         |
| SG00176  | SPECIAL TOOLHOLDER RIGHT Ø 12x40 mm                |
| SG00177  | TOOLHOLDER RIGHT Ø 12x40 mm                        |
| SG00178  | TOOLHOLDER RIGHT Ø 12x50 mm                        |
| SG00179  | SPECIAL TOOLHOLDER RIGHT Ø 12x60 mm                |
| SG00181  | TOOLHOLDER RIGHT Ø 12x80 mm                        |
| SG00183  | SPECIAL TOOLHOLDER LEFT Ø 10x20 mm                 |
| SG00184  | SPECIAL TOOLHOLDER LEFT Ø 10x30 mm                 |
| SG00185  | TOOLHOLDER LEFT Ø 10x30 mm                         |
| SG00186  | TOOLHOLDER LEFT Ø 10x40 mm                         |
| SG00193  | TOOLHOLDER LEFT Ø 12x100 mm                        |

# SUPERCOMBINATA sc3

## COD. SC360/2

PORTABLE MULTIFUNCTIONAL LINE BORING MACHINE  
(from Ø 62 mm to Ø 800 mm)



- Geared transmission
- Permanent lubrication
- Synchronous feed & rotation motion enables a smoother rotary welding mode
- Conical supports
- Telescopic welding torch
- 110 V power supply also available on request

### TECHNICAL DATA SHEET

#### Diameters:

|                     |                 |
|---------------------|-----------------|
| BORING BAR DIAMETER | mm Ø 60         |
| BORING BAR LENGTH   | mm 2200         |
| IN LINE BORING      | mm Ø 62 - Ø 800 |
| EXTERNAL BORING     | Kit optional    |
| INTERNAL WELDING    | mm Ø 42 - Ø 800 |
| EXTERNAL WELDING    | mm Ø 42 - Ø 250 |
| DRILLING            | Kit optional    |
| TAPPING             | Kit optional    |
| THREAD              | Kit optional    |
| FACING              | Kit optional    |

#### Rotation Motor

|   |          |          |          |          |
|---|----------|----------|----------|----------|
| AC Motor single phase                       |          |          |          |          |
| Power at rated speed 2300 W                 |          |          |          |          |
| Output torque at the bar 902 Nm with 55 rpm |          |          |          |          |
| Speed:                                      | 1° speed | 2° speed | 3° speed | 4° speed |
|   | 55 rpm   | 82 rpm   | 220 rpm  | 370 rpm  |
| Output torque:                              | 450      | 300      | 100      | 70       |

#### Feed Motor

|                               |  |
|-------------------------------|--|
| DC motor                      |  |
| Power at rated speed 90 W     |  |
| MAX. SPEED 11 rpm             |  |
| Electromechanical feed system |  |
| Manual/Automatic feed         |  |

#### Welding technology

|  |
|--|
| Spiral (continuous with variable step) |
|--|

#### Longitudinal stroke

|                                |
|--------------------------------|
| Unlimited with steps of 350 mm |
|--------------------------------|

#### Electronic control panel

|                                       |
|---------------------------------------|
| Voltage - 220 V 50/60 Hz              |
| Main switch                           |
| Emergency switch                      |
| Inverter cw/cww feed                  |
| Inverter cw/cww rotation              |
| Potentiometer adjustment rotation rpm |
| Potentiometer adjustment feed rpm     |
| Electrical absorption 2300 W          |

#### Dimensions

|                            |
|----------------------------|
| Length: 680 mm             |
| Width: 300 mm              |
| Height: 390 mm             |
| Weight central unit: 39 kg |

### STANDARD EQUIPMENT

|       |   |
|-------|---|
| N° 1  | MAIN UNIT                                       |
| N° 1  | ELECTRONIC CONTROL PANEL                        |
| N° 1  | BORING BAR Ø 60 X 2200 mm                       |
| N° 1  | BORING BAR EXTENSION 520 mm                     |
| N° 1  | TELESCOPIC WELDING TORCH                        |
| N° 1  | LANCE FOR EXTERNAL WELDING                      |
| N° 5  | LANCE EXTENSION 100 mm                          |
| N° 5  | LANCE EXTENSION 35 mm                           |
| N° 4  | LONG NOZZLE                                     |
| N° 4  | SHORT NOZZLE                                    |
| N° 5  | LONG CONTACT TIP Ø 0,8 mm                       |
| N° 5  | SHORT CONTACT TIP Ø 0,8 mm                      |
| N° 1  | ADJUSTING PLUG FOR TOOL HOLDER                  |
| N° 1  | BOX WITH 10 CUTTING EDGES                       |
| N° 1  | TOOL HOLDER RIGHT Ø 12X100 mm                   |
| N° 1  | TOOL HOLDER LEFT Ø 12X60 mm                     |
| N° 1  | TOOL HOLDER LEFT Ø 12X60 mm                     |
| N° 1  | TOOL HOLDER RING FOR WORKS FROM Ø 250 TO 800 mm |
| N° 1  | TOOL HOLDER FOR BORING FROM Ø 120 TO 250 mm     |
| N° 2  | MAIN BAR SUPPORT                                |
| N° 2  | ADDITIONAL SUPPORT                              |
| N° 1  | CENTRING KIT FROM Ø 250 TO 800 mm               |
| N° 1  | SPINDLE CENTRING KIT                            |
| N° 1  | SPINDLE CENTRING KIT FOR BLIND HOLES            |
| N° 1  | DIAL GAUGE                                      |
| N° 1  | DIAL GAUGE SUPPORT                              |
| N° 1  | TELESCOPING GAUGE UP TO Ø 12 mm                 |
| N° 18 | BRACKET FOR FLANGES A                           |
| N° 18 | BRACKET FOR FLANGES B                           |
| N° 4  | FLANGES SUPPORT FROM Ø 250 TO 800 mm            |
| N° 1  | REDUCTION BUSHING DRAWING TORCH                 |
| N° 1  | REDUCTION BUSHING LOCKING TORCH                 |
| N° 18 | HEXAGONAL BOLT M14X80 mm                        |
| N° 54 | ALLEN BOLT M14X50 mm                            |
| N° 18 | HEXAGONAL NUT M14                               |
| N° 1  | CABLE CONTROL PANEL/MACHINE                     |
| N° 1  | POWER CABLE 220V/CONTROL PANEL                  |
| N° 1  | BORING MACHINE STAND                            |
| N° 1  | COMPLETE SET OF WRENCHES                        |