



## SE 2025 (M)

### Drill head

The drill head is adjustable 360° around the column and can be raised and lowered.

### Gear box

The gear box is built according to our experienced methods for highest possible torque. Helical gears combined with steel gears against reinforced fiber gears in the main gear box ensure higher operating efficiency, a more powerful drive and smooth operation. The noise level and maintenance of the gear box is reduced to a minimum.

### Power feed (M)

When the set drill depth is reached, the spindle will automatically return to the starting point. The feed gear box is provided with an automatic overload protection device, which intervenes when the drill pressure is too high. The feed can also be interrupted manually.

### Table

The table is made from high quality cast iron, complete with T-slots and coolant channel. The table is mounted on a rigid arm turntable, turning 360° around the column. An easy to reach crank handle is fitted for elevating and lowering the table to the correct working height.

### Spindle

The spindle is mounted in ball and roller bearings and the lower spindle roller bearing is placed as near to the lower part of the spindle as possible, ensuring greater precision and stability. It is adjusted by the journals in the bearing, which guarantees very small tolerances. The spindle is counterbalanced by a tension spring and the spindle return can be adjusted depending on the weight of the tool. There is also a built-in tool ejector for rapid tool exchange.

### Column

The column is made from steel, ensuring machine rigidity and precision with the minimum of deviation from the stipulated angle between the drill and the table.

### Base plate

The machine is equipped with a plane base plate.

### Safety

The machine is supplied with a thermal switch, no-volt release and emergency stop.

### Options (selection)

Rectangular table 400 x 500 mm, square table 400 x 400 mm with side face plate, coordinate table 450 x 242 mm, machined base plate, flanged quill with double return spring for multi spindle drill head, coolant complete with tubes, foot operated reversing switch, hand reversing switch, automatic reversing unit for tapping, foot operated start switch, machine light halogen, tool package MT 3, chuck guard, micro switch for chuck guard.



SE 2025 B

SE 2025 M

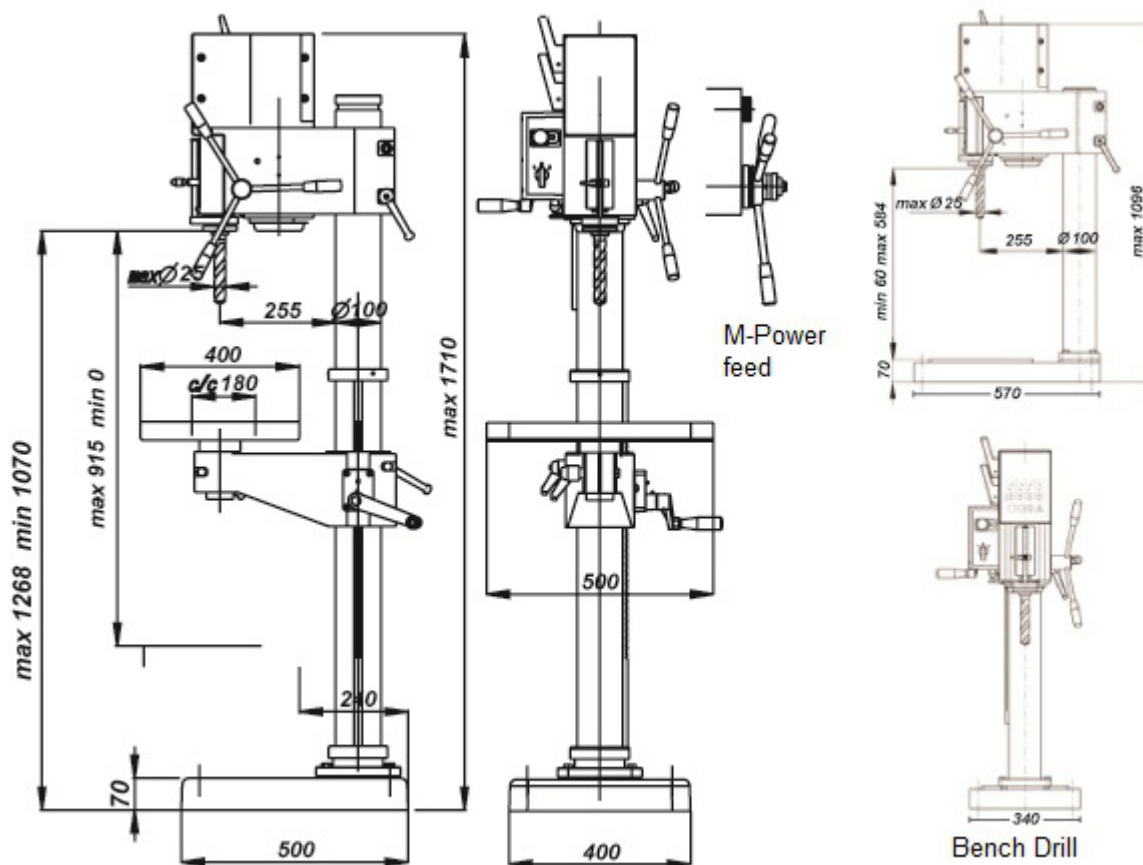
# Solberga

## SE 2025 (M)

### Technical data - SE 2025 (M)

Drilling capacity	Ø 25 mm
Quill movement	135 mm
Tapping capacity (steel, cast iron)	M 16 / M 20
Morse taper	MK / MT 3
Motor power (50 Hz)	0,65 kW / 0,9 kW
Motor power (60 Hz)	0,80 kW / 1,1 kW
Spindle speed (50 Hz)	105-210-350-445-700-890-1450-2900
Spindle speed (60 Hz)	130-260-420-840-535-1070-1745-3480
Feed speed (mm/inch)	0,10 / 0,004 - 0,15 / 0,006 - 0,22 / 0,009 - 0,30 / 0,012
Size of table	500 x 400 mm
Net weight SE 2025 / SE 2025 M	180 / 200 kg
Net weight SE 2025 B / SE 2025 BM	130 / 150 kg

Drill guard is standard within CE area.



# Solberga

## SE 2025 T

### Design

Special design with external motor for woodworking and single phase.

### Drill head

The drill head is adjustable 360° around the column and can be raised and lowered.

### Gear box

The gear box is built according to our experienced methods for highest possible torque. Helical gears combined with steel gears against reinforced fiber gears in the main gear box ensure higher operating efficiency, a more powerful drive and smooth operation. The noise level and maintenance of the gear box is reduced to a minimum.

### Spindle

The spindle is mounted in ball and roller bearings and the lower spindle roller bearing is placed as near to the lower part of the spindle as possible, ensuring greater precision and stability. It is adjusted by the journals in the bearing, which guarantees very small tolerances. The spindle is counterbalanced by a tension spring and the spindle return can be adjusted depending on the weight of the tool. There is also a built-in tool ejector for rapid tool exchange.

### Motor

SE 2025 T is equipped with a top-motor, which is dust and waterproof according to IP-54 standard.

### Table

The table is made from high quality cast iron, complete with T-slots and coolant channel. The table is mounted on a rigid arm turntable, turning 360° around the column. An easy to reach crank handle is fitted for elevating and lowering the table to the correct working height.

### Column

The column is made from steel, ensuring machine rigidity and precision with the minimum of deviation from the stipulated angle between the drill and the table.

### Base plate

The machine is equipped with a plane base plate.

### Safety

The machine is supplied with a thermal switch, no-volt release and emergency stop.

### Options (selection)

**3 phase machine:** Coordinate table 450 x 242 mm, machined base plate, flanged quill with double return spring for multi spindle drill head, coolant complete with tubes, foot operated reversing switch, hand reversing switch, automatic reversing unit for tapping, foot operated start switch, machine light halogen, tool package MT 3, chuck guard, micro switch for chuck guard. Drill guard is standard within CE area.

**1 phase machine:** Foot operated start switch, machine light halogen, tool package MT 3. Drill guard is standard within CE area. Coordinate table 450 x 242 mm



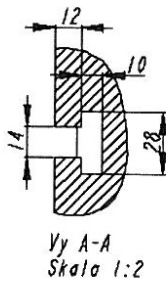
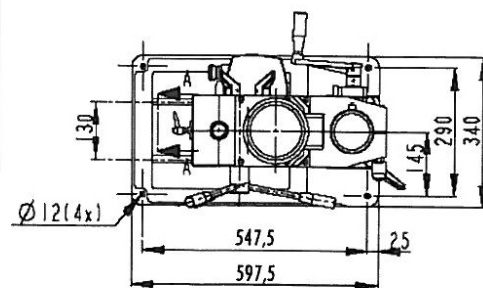
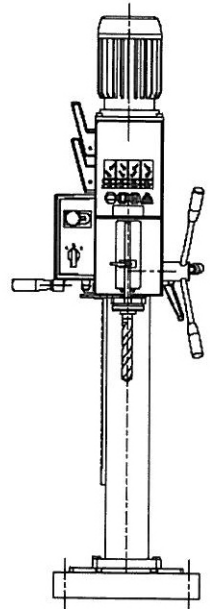
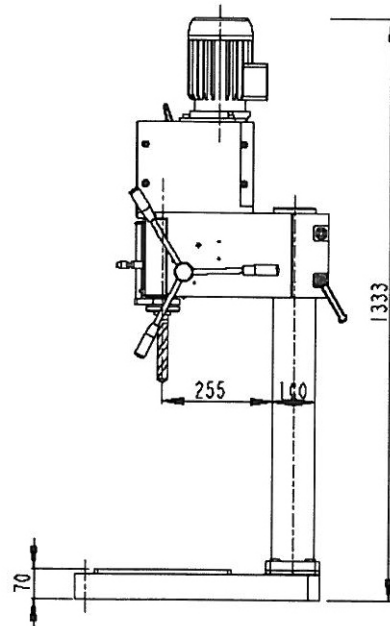
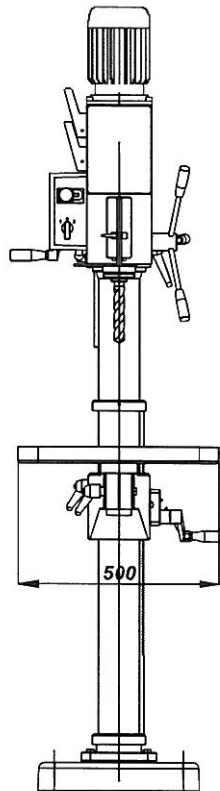
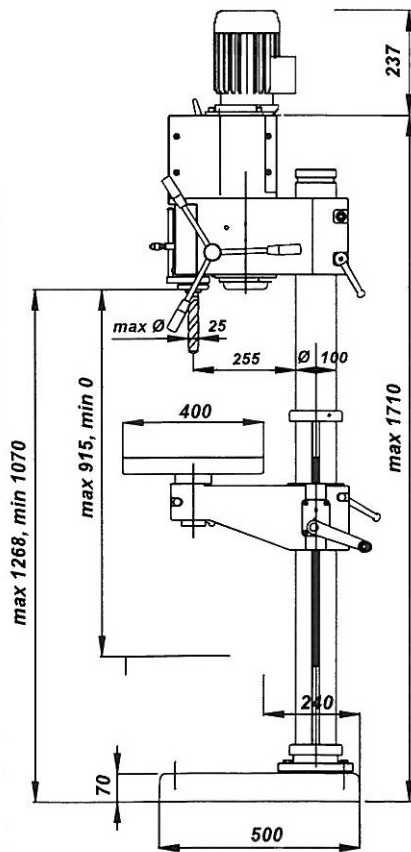


## Technical data - SE 2025 T

Drilling capacity	Ø 25 mm
Quill movement	135 mm
Tapping capacity (steel, cast iron)	M 16 / M 20
Morse taper	MK / MT 3
Motor power (3/phase 50 Hz)	0,75 kW / 0,95 kW
Motor power 230V/1/50 Hz	0,55 kW / 0,75 kW
Motor power (3/phase 60 Hz)	0,75 kW / 0,95 kW
Motor power 120V/1/60Hz	0,55 kW / 0,75 kW
Spindle speed (50 Hz)	105-210-350-445-700-890-1450-2900
Spindle speed (60 Hz)	130-260-420-840-535-1070-1745-3480
Size of table	500 x 400 mm
Net weight SE 2025 T	180 kg

Drill guard is standard within CE area.

### Dimensions sketch SE 2025 T



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# Solberga

## SE 2030 (M)

### Drill head

The drill head is adjustable 360° around the column and can be raised and lowered.

### Gear box

The gear box is built according to our experienced methods for highest possible torque. Helical gears combined with steel gears against reinforced fiber gears in the main gear box ensure higher operating efficiency, a more powerful drive mechanism and smooth operation. The noise level and maintenance of the gear box is reduced to a minimum. The eight (8) spindle speeds are easily selected by changing two handles.

### Power feed (M)

When the set drill depth is reached, the spindle will automatically return to the starting point. The feed gear box is provided with an automatic overload protection device, which intervenes, when the drill pressure is too high. The feed can also be interrupted manually.

### Table

The machine is fitted with a high quality cast iron rectangular table 500 x 400 mm with T-slots and coolant channel.

### Spindle

The spindle is made from steel, with the lower spindle bearing being located as near to the lower part of the spindle as possible, ensuring greater precision and rigidity even in milling operations. It is further adjustable by the journals in the bearings, which guarantee very small tolerances. The spindle is counterbalanced by a tension spring and the spindle return can be adjusted depending on the weight of the tool. It can be locked when carrying out milling operations.

### Column

The column is constructed of steel, which ensures extra rigidity of the machine, giving accurate precision and minimum deviation from the stipulated angle between the drill and the table.

### Base plate

The base plate has a machined surface, complete with T-slots and coolant channel.

### Safety

The machine is supplied with a thermal overload switch, no-volt release and emergency stop.

### Options (selection)

Square table 400 x 400 mm with side face plate, coolant complete with tubes, machine light halogen, tool package MT 3, chuck guard, micro switch for chuck guard, coordinate table 450 x 242 mm, coordinate table 584 x 242 mm (with or without automatic feed), flanged quill with double return spring for multi spindle drill head (with or without automatic feed), foot operated reversing switch, foot operated start switch, automatic reversing unit for tapping



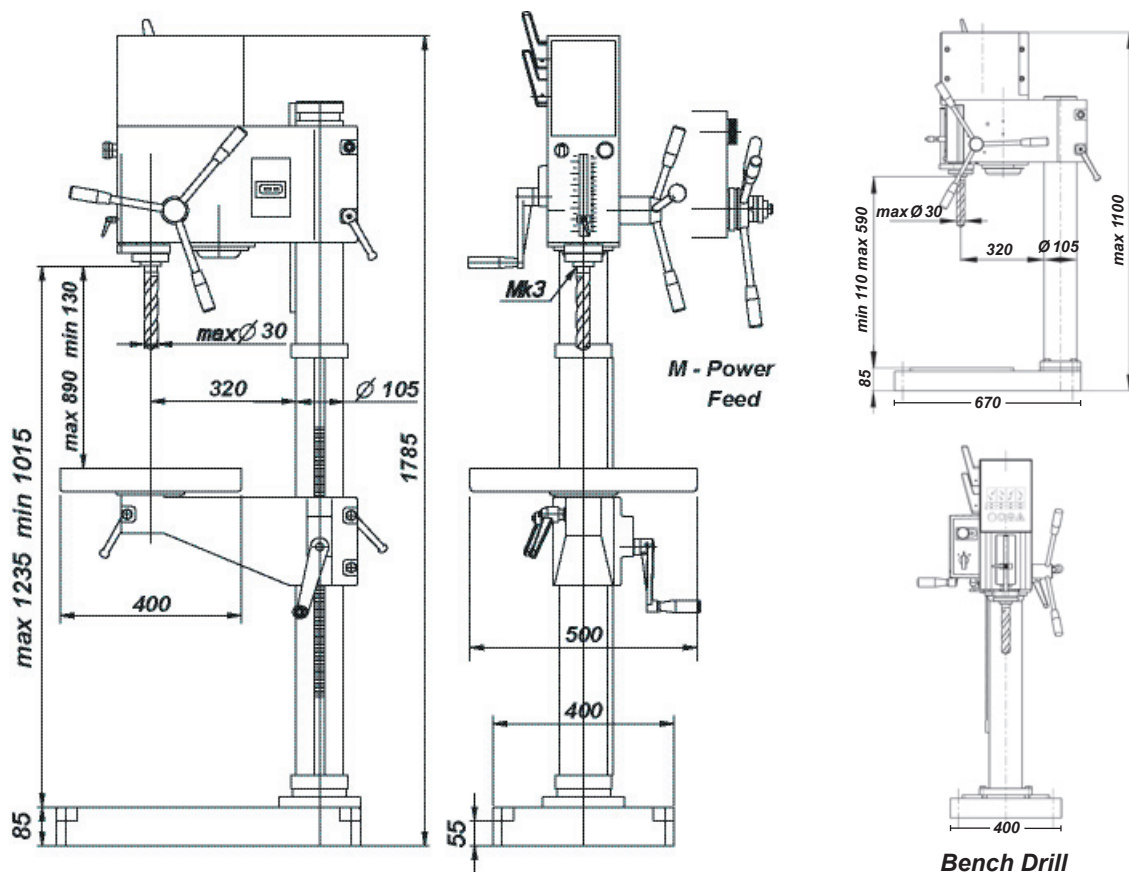
# Solberga

## SE 2030 (M)

### Technical data - SE 2030 (M)

Drilling capacity	Ø 30 mm
Quill movement	150 mm
Tapping capacity (steel, cast iron)	M 18 / M 22
Morse taper	MK / MT 3
Motor power (50 Hz)	0,90 kW / 1,20 kW
Motor power (60 Hz)	1,10 kW / 1,50 kW
Spindle speed (50 Hz)	75-160-265-440-535-890-1490-3010
Spindle speed (60 Hz)	90-190-320-640-530-1060-1790-3610
Feed speed (mm / inch per rev.)	0,10 / 0,004 - 0,15 / 0,006 - 0,22 / 0,009 - 0,30 / 0,012
Size of table	500 x 400 mm
Net weight SE 2030 / SE 2030 M	235 kg / 260 kg
Net weight SE 2030 B / SE 2030 BM	175 kg / 190 kg

Drill guard is standard within CE area.





## SE 2035 (M, ELM)

### Drill head

The drill head is adjustable 360° around the column and can be raised and lowered.

### Gear box

The gear box is built according to our experienced methods for highest possible torque. Helical gears combined with steel gears against reinforced fiber gears in the main gear box ensure higher operating efficiency, a more powerful drive mechanism and smooth operation. The noise level and maintenance of the gear box is reduced to a minimum. The eight (8) spindle speeds are easily selected by changing two handles.

### Power feed (M)

The power feed of model SE 2035 M is provided with an automatic overload protection device, which starts when the drill pressure becomes too high. When overload diminishes, the feed is automatically re-engaged. When the set drill depth is reached, the spindle will automatically return to the starting point. The feed can also be interrupted manually.

### Automatic feed (ELM)

The start/stop function of the automatic feed is fitted with electromagnetic clutch, giving push button operation. The push buttons are situated at the top of the three feed levers. Hand and automatic reversing for tapping are standard.

### Table

The machine is fitted with a high quality cast iron rectangular table 500 x 400 mm, complete with T-slots and coolant channel.

### Spindle

The spindle is made from steel, with the lower spindle bearing being located as near to the lower part of the spindle as possible, ensuring greater precision and rigidity even in milling operations. It is further adjustable by the journals in the bearings, which guarantee very small tolerances. The spindle is counterbalanced by a tension spring and the spindle return can be adjusted depending on the weight of the tool. It can be locked when carrying out milling operations.

### Column

The column is constructed of steel, which ensures extra rigidity of the machine, giving accurate precision and a minimum deviation from the stipulated angle between the drill and the table.

### Base plate

The base plate has a machined surface, complete with T-slots and coolant channel.

### Safety

The machine is supplied with a thermal overload switch, no-volt release and emergency stop.

### Options (selection)

Coolant complete with tubes, machine light halogen, chuck guard, micro switch for chuck guard, coordinate table 450 x 242 mm, coordinate table 584 x 242 mm (with or without automatic feed), threaded spindle nose with locking nut, automatic reversing unit for tapping, foot operated reversing switch, foot operated start switch, tool package MT 4



**SE2035 ELM**

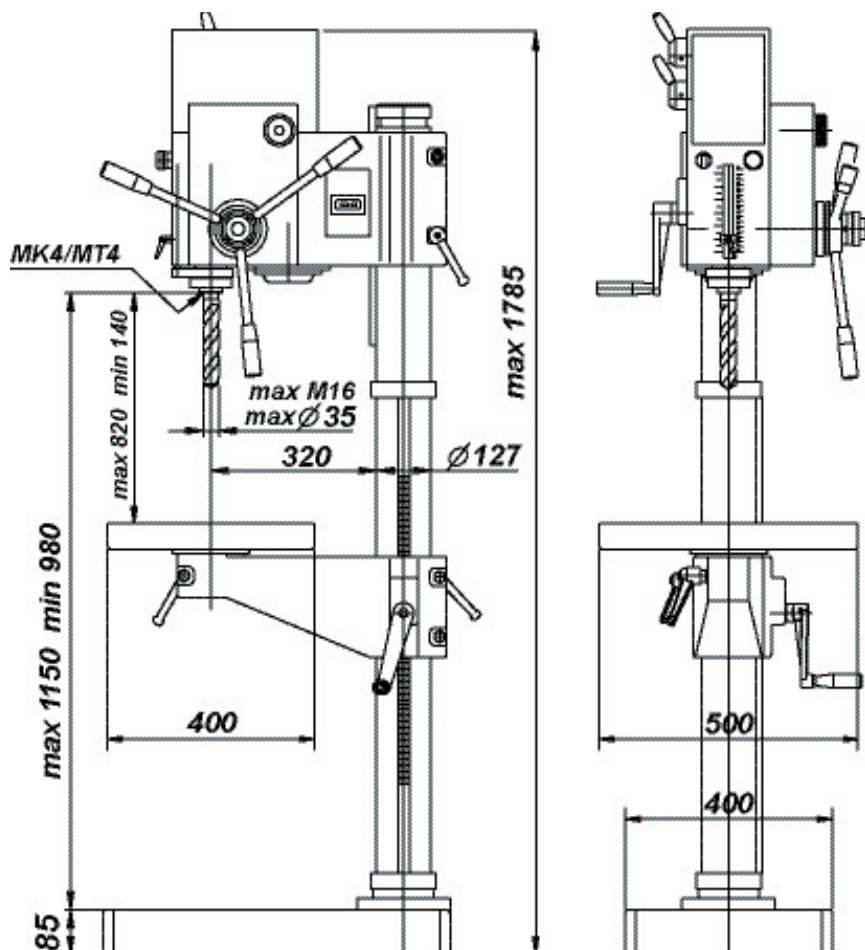


## SE 2035 (M, ELM)

### Technical data - SE 2035 (M, ELM)

Drilling capacity	Ø 35 mm
Quill movement	150 mm
Tapping capacity (steel, cast iron)	M 18 / M 22
Morse taper	MK / MT 4
Motor power (50 Hz)	1,40 kW / 2,00 kW
Motor power (60 Hz)	1,60 kW / 2,20 kW
Spindle speed (50 Hz)	75-160-265-440-535-890-1490-3010
Spindle speed (60 Hz)	90-190-320-640-530-1060-1790-3610
Feed speed (mm/inch per rev.)	0,10 / 0,004 - 0,15 / 0,006 - 0,22 / 0,009 - 0,30 / 0,012
Size of table	500 x 400 mm
Net weight	290 kg

Drill guard is standard within CE area.





# Solberga

## SE 2040

### Drill head

The drill head is fixed and is available with or without automatic spindle feed.

### Gear box

The gear box is built according to our experienced methods for highest possible torque. Helical gears combined with steel gears against reinforced fiber gears in the main gear box ensure higher operating efficiency, a more powerful drive mechanism and smooth operation. The noise level and maintenance on the gear box is reduced to a minimum.

### Power feed (M)

The power feed is provided with an automatic overload protection device, which starts when the drill pressure becomes too high. When overload diminishes, the feed is automatically re-engaged. When the set drill depth is reached, the spindle will automatically return to the starting point. The feed can also be interrupted manually.

### Automatic feed (ELM)

The start/stop function of the automatic feed is fitted with electromagnetic clutch, giving push button operation. The push buttons are situated at the top of the three feed levers. Hand and automatic reversing for tapping are standard.

### Table

The machine is fitted with a fixed table 500 x 400 mm as standard, mounted on a rigid arm and adjustable 360° around the column. There is an adjustable crank on the front side of the table arm for elevating and lowering the table to the correct working height.

### Spindle

The spindle is made from steel, with the lower spindle roller bearing being located as near to the lower part of the spindle as possible, ensuring greater precision and rigidity, even in milling operations. It is further adjustable by the journals in the bearings, which guarantee very small tolerances. The spindle is fitted with a counterbalanced tension spring and is adjustable depending on the weight of the tool.

### Column

The column is constructed of steel, which ensures extra rigidity of the machine, giving accurate precision and a minimum deviation from the stipulated angle between the drill and the table.

### Safety

The machine is equipped with thermal overload switch, no-volt release and emergency stop.

### Options (selection)

Coolant complete with tubes, machine light halogen, micro switch for chuck guard, rotary device for table 400 x 500 mm, rectangular table 600 x 500 mm, coordinate table 450 x 242 mm, coordinate table 584 x 242 mm (with or without automatic feed), coordinate table 650 x 270 mm (with or without longitudinal feed), tool package MT 4, threaded spindle nose with locking nut, flanged quill with double return spring for multi-spindle drill head, automatic reversing unit for tapping, foot operated start switch, high spindle speeds (180 - 3000 rpm), low spindle speeds (60 - 980 rpm), telescopic chuck guard



SE 2040 (M)

# Solberga

## SE 2040

### Technical data - SE 2040 (M, ELM)

Drilling capacity	Ø 40 mm
Quill movement	190 mm
Tapping capacity – steel	M 24
Tapping capacity – cast iron	M 28
Morse taper	MK / MT 4
Motor power (50 Hz / 60 Hz)	2,20 kW / 2,60 kW
Spindle speed (50 Hz)	90-135-200-300-440-670-980-1500
Spindle speed (60 Hz)	108-162-240-360-528-805-1175-1800
Feed speed (mm/inch per rev.)	0,10 / 0,004 - 0,16 / 0,0064 - 0,24 / 0,01 - 0,33 / 0,013
Net weight SE 2040 / SE 2040 M, ELM	310 kg / 320 kg
Size of table	500 x 400 mm

Drill guard is standard within CE area.

