

QUALITY AND GEAR DRIVE GIVE THE POWER

SE 2025

25 MM CAPACITY COLUMN DRILLING MACHINE





Gear box

Easy selection of 8 different spindle speeds by means of two levers on the drill head gives a wide range of application. SKF bearings supporting shafts carrying a combination of steel gears mating with fibre gears give a condition of smooth, quiet, highly efficient transmission to the drilling spindle over many years.

Vast drilling machine manufacturing experience

Rugged construction

Prolonged life

Value for money

From the beginning of the year 1890 the green column drilling machines from Solberga, Sweden have been known all over the world for their high quality. Produced with the requirement that both the machines and the accessories shall be versatile and function as effective production units continuously over a long period. Characteristic for all Solberga drilling machines are gear boxes with gears, which are conducive to smooth running, long life and quiet transmission of power particularly at low speeds and high torque.

SE 2025

	STANDARD	OPTION
Floor model	•	
Bench model	•	
Base plate	•	
Adjustable/turnable table	•	
Column in steel	•	
Gear driven	•	
Spindle with adjustable take up	•	
Built in drill ejector	•	
Flexible drill head	•	
Threaded spindle nose with locking nut for milling	•	
Multi spindle heads 2+3+4		•
Hand reversing		•
Foot reversing		•
Starting switch for foot operation		•
Automatic reversing		•
Machined base plate, oil channel and T-slots		•
Coolant equipment complete		•
Thermal overload switch with no volt release and emergency stop		•
Collet chuck with collets		•
Coordinate table		•



Drill head

The drill head can be raised, lowered and turned 360° around the column in order to facilitate the operations in different positions. A safety catch prevents the drill head to slide down the column when releasing the head clamp. It is a practical arrangement reducing the risks for accidents.

Depth stop

It is placed on the front of the machine and is easily accessible and convenient to read off.

Table

Strong and rigid construction made of high quality cast iron. Equipped with T-slot and oil channel. Turnable 360° degrees and can be raised and lowered by a handle which enables the table to be positioned at a convenient working height easily, even when the table is loaded with heavy work pieces.

Column

The steel tubular column is designed to resist bending and torsional stresses which ensures minimum deflection of the structure under drilling conditions.



Spindle

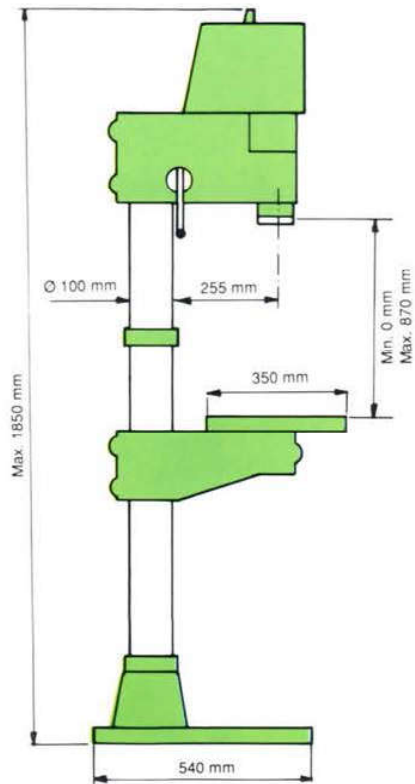
Made of high quality steel and supported on a ball and roller bearing combination ensures long life and high precision. The spindle is provided with a thread so that tooling can be retained in the spindle by means of a screwed collar and plate when carrying out milling operations. A coordinate table is available as an option. A built-in drill ejector saves time and makes it easier to change tools.



Bench model SE 2025 B

Also available as bench model with rigid base plate with machined surface, T-slots, oil channel and foundation bolt holes.

TECHNICAL DATA SE 2025



DISTANCE FROM SPINDLE CENTRE TO COLUMN	255 MM
MAX. DISTANCE SPINDLE NOSE TO TABLE, FLOOR MODEL	870 MM
MAX. DISTANCE SPINDLE NOSE TO MACHINED BASE PLATE, BENCH MODEL	530 MM
QUILL MOVEMENT	135 MM
DIAMETER OF COLUMN	100 MM
DIAMETER OF ROUND TABLE	Ø350 MM
SUITABLE FOR DRILLS UP TO	25 MM
TAPPING CAPACITY (4/MIN.)	M 16
MORSE TAPER NO	3
MOTOR POWER BY 1400 REV/MIN	50 HZ 1,0 KW 1,5 HP
MOTOR POWER BY 1680 REV/MIN	60 HZ 1,2 KW 2,0 HP
MOTOR POWER BY 2800 REV/MIN	50 HZ 1,0 KW 1,5 HP
MOTOR POWER BY 3860 REV/MIN	60 HZ 1,2 KW 2,0 HP
SPINDLE SPEEDS 50 HZ	70-140-280-340-560-680-1350-2700 REV/MIN
SPINDLE SPEEDS 60 HZ	85-170-330-400-670-820-1600-3240 REV/MIN
BASEPLATE	400x540 MM
NET WEIGHT	180 KG
MAX. HEIGHT	1850 MM
SIZE OF MULTI-SPINDLE TABLES:	
2-SPINDLE, 600x1250 MM. MACHINED SURFACE	415x1160 MM
3-SPINDLE, 600x1250 MM. MACHINED SURFACE	415x1160 MM
4-SPINDLE, 600x1650 MM. MACHINED SURFACE	415x1550 MM



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