QUALITY AND GEAR DRIVE GIVE THE POWER

SE 2025

25 MM CAPACITY COLUMN DRILLING MACHINE

Solberga
SINCE 1890

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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.

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.

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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 etool 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: 530 MM
BENCH MODEL
135 MM
QUILL MOVEMENT
135 MM
DIAMETER OF COLUMN
100 MM
DIAMETER OF ROUND TABLE
3050 MM
SUITABLE FOR DRILLS UP TO
25 MM
TAPPING CAPACITY (4 MIN.)
M16
MORSE TAPER NO 3
MOTOR POWER BY 1400 REV/MIN
56 HZ 1.0 KW 1.5 HP
MOTOR POWER BY 1800 REV/MIN
66 HZ 1.2 KW 2.0 HP
MOTOR POWER BY 2800 REV/MIN
50 HZ 1.0 KW 1.5 HP
MOTOR POWER BY 3900 REV/MIN
66 HZ 1.2 KW 2.0 HP
SPINDLE SPEEDS 50 HZ
70-140-280-340-560-680-1360-2700 REV/MIN
SPINDLE SPEEDS 60 HZ
85-170-330-400-670-820-1600-3200 REV/MIN
BASEPLATE
400x540 MM
NET WEIGHT
1195 KG
MAX. HEIGHT
1150 MM

SIZE OF MULTI-SPINDLE TABLES:
2-SPINDLE: 600x1250 MM, MACHINED SURFACE 415x1160 MM
3-SPINDLE: 600x1500 MM, MACHINED SURFACE 415x1160 MM
4-SPINDLE: 600x1650 MM, MACHINED SURFACE 415x1550 MM

SOLBERGA MEKANISKA VERKSTAD
P.O. BOX 1931 - S-759 77 ARBOGA - SWEDEN
TEL. +46(0)589-128 20 - TELEFAX +46(0)589-155 77 - TELEX 732 09 ARBOGA-S

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