

CNC COORDINATE DRILLING MACHINE

Model Arboga CNC 2500 SE With movable bridge

Electrical installation 415/3/50 power supply

Drawing nr.Ch-0906-4

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BASIC MACHINE MAIN SPECIFICATION.

CNC Controller

FANUC. CNC 0i-C with operators main panel Type B1, Sub panel Type A and Standard FANUC Keyboard Typ MDI Milling

Spindle head stock

Spindle motor		
Continuous operation	Kw	12 (22)
Short time operation	Kw	15 (30)
Spindle speed step-less	Rpm	50-4000
Spindle nose taper	ISO	40 (50)
Spindle ram head with hardened guide ways	mm	200x200
Spindle ram head travel	mm	400
Distance spindle nose-table	mm	0-1000
Spindle headstock rapid travel	mm/min	10000
Tool retention		mechanical/hydraulic

Machine Table

Table size	mm	2500x2500
Mounting surface	mm	2500x2500
Coolant groove around table		
Distance table surface-floor	mm	700
Max load capacity	kg	10 000
Table movement x-axis	mm	2800
Table rapid travel	mm/min	10000 (5000)

Spindle head stock Bridge

Spindle headstock travel y-axis	mm	2500
Vertical traverse of elevating arm	mm	700
Motor for elevating arm.		CNC Controlled
Diameter of columns for elevating arm	mm	400x600
Clamping system of bridge to columns		mechanical

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Corporate identity number
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Others

Position accuracy X - Y - Z \axis	mm	+ - 0.05
Repetition accuracy	mm	+ - 0.025
Machine weight	kg	12500
Machine floor space	mm	6000x4000

Standard Equipment.

Complete electrical installation for direct power supply.

Pedant control switch box with built in CNC-Controller.

Electrical built in encoders for all axis.

Complete servo control equipment for 5 servo motors spindle and plc system.
In separate cabinet.

Machine table, spindle housing of cast iron stress relieving annealed.

Machine base and elevating arm (Y bridge) columns welded and stress relieving annealed.

Preloaded re-circulating ball guide ways for all axis.

Position of table, y-axis and headstock and Y-bridge via high precision re-circulating ball screws

Automatic central lubrication.

Hydraulic tool retention.

Coolant system for internal and external cooling operated by M-codes.

Complete coolant tank (250lit) with built in pumps for external and internal cooling.
Doubling rotating unit for coolant through main spindle. Coolant pump 100 lit/8 bar.

Machine colour. RAL 6011 (green)

2 sets of operators manual in English. Electrical and mechanical documentation.

For all information about CNC control system we refer to the manufactures catalogue.

NET PRICE FOR THE MACHINE IN STANDARD PERFORMANCE

SEK xxxxxx

Address	Phone No	Postal giro service	Internet
Arboga Machine Tool AB	+46-589148 70	1212821-1	www.arbogamachine.com
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Special equipment.**Universal paper filter**

Full automatic for cleaning the coolant. Capacity for cleaning 100liter/min
Complete with tank and tubing for connection to the main coolant tank

SEK xxxx

Heidenhain touch probe with software and cable connection.

SEK xxxx

Electronic manual encoder with integrated axis keys.

SEK xxxx

CNC controller Heidenhain TNC530 or Fanuc 21i

SEK xxxx

Time of delivery

6 month after order and L/C

Guarantee

The warranty of parts, free of charge, shall be for a period of 12 months after installation.

Installation and training of operators.

Cost of installation for the machine are in the price. (5 working days)

Training for 2 operators 5 working days in Sweden included in machine price.

Additional training and education in India 4000 SEK/day.

The machine has to be inspected and tested in Sweden before dispatch.

Before arrival of our personal the work site should be prepared for immediate start of installation. The machine should be unpacked and cleaned from rust protection by customer.

You will be responsible of arranging necessary lifting for installation of heavy parts. Electrical connection with main fuse (63amp) is arranged by customer.

All delay without our fault will be paid by customer.4000 SEK/day

Boarding and lodging of our personal in India is paid by customer

Hotel of European standard.

Terms of delivery time

All prices are ex works Arboga, export packing included.

Packing

The machine will be carefully protected to prevent corrosion and packed in a way, which under normal conditions may be expected to guarantee arrival at your works in undamaged conditions.

ARBOGA MACHINE TOOL AB**ARBOGA SWEDEN**

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