

CNC COORDINATE DRILLING MACHINE

Model Arboga CNC 3000 TT. With Two tables Fixed bridge

Electrical installation 415/3/50 power supply

Drawing nr. CH-0911-02

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BASIC MACHINE MAIN SPECIFICATION.

CNC Controller

Fanuc 21i control system.

Spindle head stock

Spindle motor	Fanuc	
Continuous operation	Kw	12 (22)
Short time operation	Kw	15 (30)
Spindle speed step-less	Rpm	50-4000 (6000)
Spindle nose taper	ISO	50
Spindle ram head with hardened guide-ways	mm	200x200
Spindle ram head travel	mm	400
Distance spindle nose-table	mm	400-600
Spindle headstock rapid travel	mm/min	10000
Spindle head stock feed motor	Fanuc	
Tool retention	mechanical/hydraulic	

Machine Table

Table size	mm	2 x 3000x1600
Mounting surface	mm	3000x3200
Chip conveyor between tables		
Distance table surface-floor	mm	700
Max load capacity	kg	2 x 5000
Table movement x-axis	mm	3000
Table rapid travel	mm/min	10000 (5000)
Table feed motor	Fanuc	

Spindle headstock Bridge

Spindle headstock travel y-axis	mm	3200
Diameter of columns for elevating arm	mm	400x600

Address
Arboga Machine Tool AB
Sandskogsvägen 13
736 35 Kungsör
Sweden

Phone No
+46-589148 70
Fax No
+46-227-143 10
Registered office
Kungsör

Postal giro service
1212821-1
Bank giro service
5281-3250
Corporate identity number
556619-9252

Internet
www.arbogamachine.com
VAT-number
SE556619925201

Others

Position accuracy X - Y - Z \axis	mm	+ - 0.05
Repetition accuracy	mm	+ - 0.025
Machine weight	kg	12500
Machine floor space	mm	6000x5000

Standard Equipment.

Complete electrical installation for direct power supply.

Pendant 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 recirculation ball guide ways for all axis.

Position of table y-axis and headstock via high precision recirculation 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 xxxx**

Address	Phone No	Postal giro service	Internet
Arboga Machine Tool AB	+46-589148 70	1212821-1	www.arbogamachine.com
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Extra spindle

Complete headstock assembly with spindle motor SEK xxxx

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

Time of delivery

8 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. (8 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 deliverytime

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 condition

**ARBOGA MACHINE TOOL AB
ARBOGA SWEDEN**

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