

Neu-ar[®]

Professional E.D.M

*Precision
& Efficient*



CNC-A SERIES

Features

- Automatic 10-step fine machining in single pass
- Vector and angle EDM function
- Arc course EDM function
- Sub-program editing function
- Square and circle LORAN and orbit machining
- With G.M code & dialogue editing function
- 45 kinds machining mode
- 60 sets working coordinate auto memory
- Automatically record machining time and expiration of consumptive material



HIRSCHMANN ATC
Auto tool changing system
(20 tools)

CNC-A90



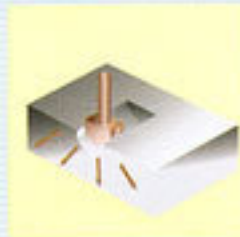
Mechanism

- 3 in 1 structure takes up lesser space
- Adopt high toughness Meehanite cast iron
- High endurance servo motor and precise ball screw
- Double filter system remove scum more efficiently
- Multiple fire-proof detecting system
- High precision Heidenhain 1 μ optical ruler

A variety of machining capability



Omni-bearing machining



Fan shape angle machining



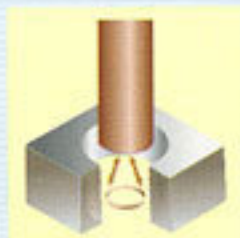
45 degree machining



Half circle machining



Inverted awl machining



Cylinder hole expansion



C-axis rotation angle positioning machining



C-axis thread machining



C-axis rotation machining



C-axis rack machining

CNC-C SERIES

Features

- C-axis rotation angle positioning machining
- C-axis thread machining
- C-axis rotation machining
- C-axis rack machining
- Cylinder hole expansion
- Square hole expansion
- Simultaneously 3-axis linear machining
- 3-axis linear machining
- Linear-move machining
- Z-axis linear machining



Build-in rotating axis
(C-axis)



Auto tool changing system
(3R-ATC)

CNC-C50



Slanting gear wheel machining



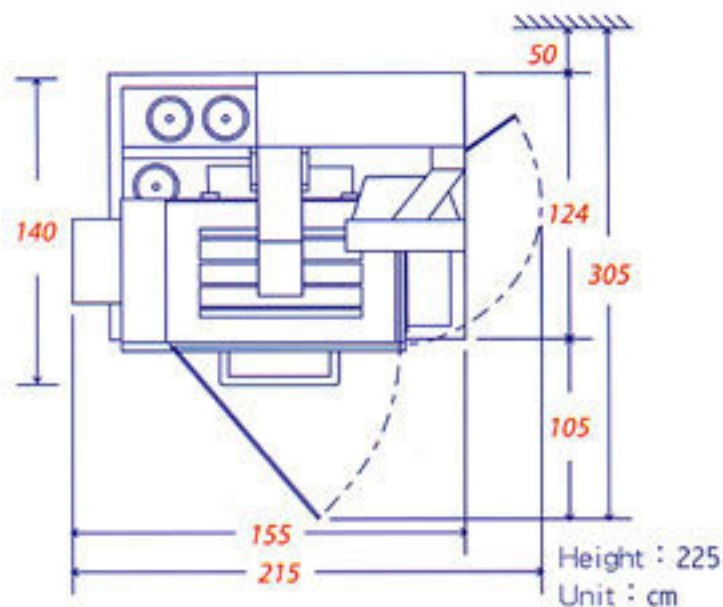
Angle position machining



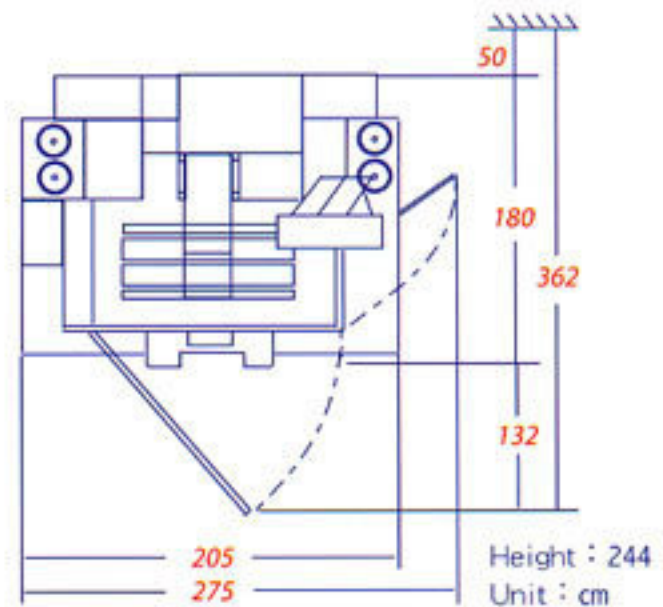
NEUAR E.D.M

CNC EDM SPECIFICATION

SPECIFICATION	CNC-A50	CNC-A90	CNC-C50	CNC-C90
Work tank dimensions	940 x 550 x 350 mm	1240 x 700 x 435 mm	940 x 550 x 350 mm	1240 x 700 x 435 mm
Work table dimension	630 x 360 mm	800 x 450 mm	630 x 360 mm	800 x 450 mm
Distance between main axis to table	410 mm	650 mm	410 mm	650 mm
X.Y.Z Axis travel dimensions	400 x 300 x 300 mm	500 x 400 x 350 mm	400 x 300 x 300 mm	500 x 400 x 350 mm
Max. workpiece weight	500 kgs	1350 kgs	500 kgs	1350 kgs
Max. electrode weight	50 kgs	200Kgs	11Kgs / 50Kgs	11Kgs / 200Kgs
Max. capacity of dielectric	300 liters	600 liters	300 liters	600 liters
Max. machining speed	420 mm ³ / min.	480 mm ³ / min.	420 mm ³ / min.	480 mm ³ / min.
Min. Wear rate	< 0.1%	< 0.1%	< 0.1%	< 0.1%
The best surface finish	< Ra 0.16 μm	< Ra 0.16 μm	< Ra 0.16 μm	< Ra 0.16 μm
Max. output current	50 A	60 A	50 A	60 A
Input power	3.3 KVA	4.06 KVA	3.3 KVA	4.06 KVA
Machine L x W x H	155 x 140 x 225 cm	205 x 180 x 244 cm	155 x 140 x 225 cm	205 x 180 x 244 cm
TOTAL WEIGHT OF MACHINE UNIT	1200 Kgs	2580 Kgs	1250 Kgs	2630 Kgs



A50 / C50



A90 / C90

Neu-ar

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