



Chester Double Column Centre 5 Axis Head • DC-3217-5AX



The CHESTER DC-3217-5AX machine gives you large capacity with 5 sided machining of complex parts. This Double column machine can support up to 10,000kg table load and has a maximum component size of 3200mm in X and 1750mm in the Y Axis.

The Chester DC-3217-5AX machine comes standard with options, coolant through spindle, Renishaw table and spindle probes, chip conveyors and automatic 5 axis head and tool change.

Technical Specifications	DC-3217-5AX
X Axis Travel (Work-Table)	3200mm
Y Axis Trave(Saddle)	2000mm
Z Axis Travel (Spindle Head)	1000mm
Standard Controller	Fanuc Oi MF
Distance From Spindle Nose To Table	500-1500mm
A Axis indexing	1°
A Axis accuracy	± 5 Second
A Axis Rotation range	± 110°
C Axis indexing	1°
C Axis accuracy	± 5 Second
C Axis Rotation range	-90--270°
Distance Between Columns	1750mm
Table Size(Length×Width)	3200×1600mm
Max. Table Load	10000Kg
T Slot Size (Width×Distance×Quantity)	22×180×8mm
Spindle Taper	ISO50
Max. Spindle Speed	8000rpm
Swiveling head max. speed	3500rpm
Spindle Motor Power (Continual Working/Max)	22/ 57.6 Kw
Spindle Torque (Continual Working/Max)	770/1892N.M
Rapid Traverse (X Axis)	20000mm/min
Rapid Traverse (Y Axis)	20000mm/min
Rapid Traverse (Z Axis)	12000mm/min
Cutting Feed Rate On X/Y/Z	1-10000mm/min
ATC Type Arm/	Chain Type
Tool Capacity	32Pcs
Max. Tool Diameter	φ110 /φ225mm
Max. Tool Length	300mm
Max. Tool Weight	20Kg
Accuracy VDI/Dgq3441	
Full Travel Positioning Accuracy	P 0.025mm
Repeatability Accuracy	PS 0.020mm
Air Pressure	0.6-0.8Mpa
Supply Voltage & Frequency	3/PE AC380V 50HZ
Power Requirement	60KVA
Machine Size(mm) (Length) mm	8927mm
Machine Size(mm) (Width) mm	5535mm
Machine Size(mm) (Height) mm	4450mm
Machine Weight	28000Kg

Standard configuration:

- ✓ Z axis Travel Change Into 1000mm (Including Column Integrated Raise 200Mm)
- ✓ Column Separated Raise Block 300mm
- ✓ Full Enclosed Guard With Top And Multi Layer Doors
- ✓ CTS System(GTP Gear Box) 20Bar (With Separated Unit)
- ✓ Chain Type ATV 32T(With Pneumatic System)
- ✓ Spindle 8000rpm
- ✓ NC4 Probe
- ✓ RMP60 Probe
- ✓ Isolated Transformer
- ✓ High And Low Power Separated Electric Cabinet
- ✓ Rigid Tapping
- ✓ Heat Exchanger For Electric Cabinet
- ✓ Spindle Air Sealing
- ✓ Machining Air Blowing Device
- ✓ Working Area Light
- ✓ 3 Color Indication Light
- ✓ Spindle Chiller
- ✓ Portable Mpg
- ✓ Coolant System
- ✓ Lubrication Unit
- ✓ Pneumatic Unit
- ✓ Air Gun Flushing Function
- ✓ Water Gun Flushing Function
- ✓ Tool Kit
- ✓ Automatic Power Off
- ✓ Chain Type Chip Conveyor
- ✓ Coil Type Chip Conveyor
- ✓ Adjustable Level Bolts And Foundation Blocks
- ✓ Operation Manual
- ✓ Safety Door Interlock
- ✓ Tool Release Pedal Switch
- ✓ Swivel Type Operation Box

Optional Configuration:

- Coolant through spindle
- Renishaw table and spindle probes
- Chip conveyors
- Automatic 5 axis head and tool change

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.

