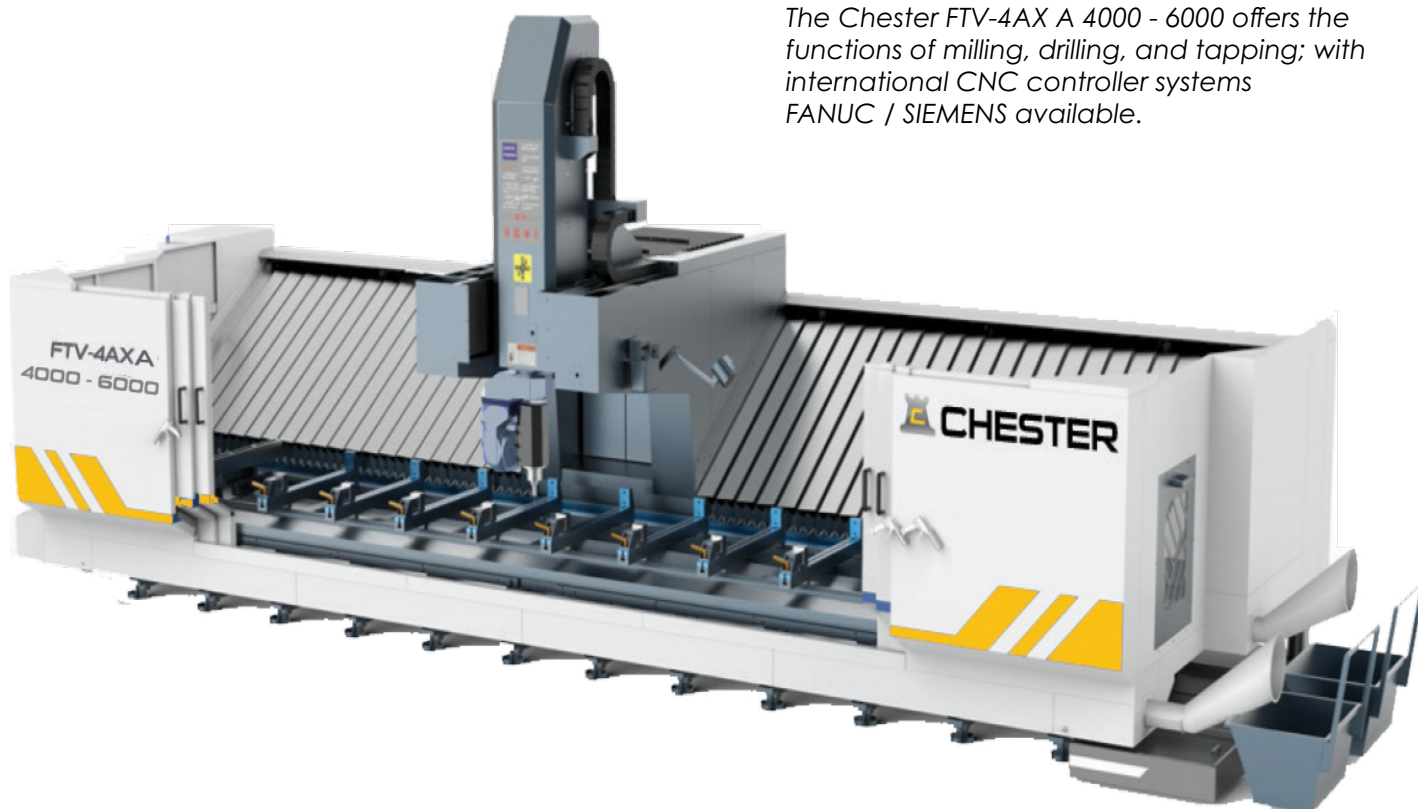




Chester Fixed Table Vertical Machining Centre • FTV-4AX A

The Chester FTV-4AX A 4000 - 6000 offers the functions of milling, drilling, and tapping; with international CNC controller systems FANUC / SIEMENS available.



This machine is capable of machining various lengths of metal profiles, such as aluminum, steel, copper, etc.

The double cantilever design structure increases equipment stability and improve machining accuracy.

- Milling Drilling, Tapping Function
- Versatile Machining of Various Metal Profiles and Lengths
- Double Cantilever Design Structure, for Increased Stability, and Improved Machining Accuracy
- High Speed Electrical Spindle
- A Axis Rotation for High Accuracy Machining with Multiple-Angle, within ± 90 Degree

Standard Accessories:

- ✓ Fanuc Oi MF/Siemens 828D Controller
- ✓ High Speed Electric Spindle
- ✓ X/ Y/ Z Servo Motor
- ✓ Auto Lubrication
- ✓ Semi Enclosure
- ✓ Coolant System
- ✓ Internet Interface
- ✓ HSK A63-12T Umbrella Type Tool Changer
- ✓ Chip Conveyor
- ✓ Three-colour Indication Lamp
- ✓ Work Lamp

Optional Accessories:

- ☐ Double-Head
- ☐ Light Guard
- ☐ Customised Guarding
- ☐ Linear Scale

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





Technical Specifications

Model	FTV-4AX A 4000 - 6000
Travel	
X Axis	4000/6000mm
Y Axis	3-axis 1200mm 4 axis spindle nose to nose 800mm
Z Axis	300mm
A Axis Travel	±90°
Fixture	
Clamping Area	0-1000mm
Max.Load for Each Unit	200kg
Electric Spindle	
Spindle Speed	24000rpm
Power(S1/S6)	22/25kw(29.48/33.5hp)
Torque(S1/S6)	20/22.6N.m
Spindle Taper	HSK A63
Feeding	
X/Y/Z Axis Moving Speed	50/28/28m/min
X/Y/Z Axis Max.Rapid Feed	50/28/28m/min
X/Y/Z Axis Working Rapid Feed	1-15000mm/min
X/Y/Z Axis Precision Position(Full Travel)	0.05/0.02/0.02mm
X/Y/Z Axis Repeating Precision	±0.01/500mm,±0.01/300mm,±0.01/300mm
3 Axis Power	
X/Y/Z Axis Servo Motor Power Siemens	5.2//3.1/3.1kw(7/4/4hp)
X/Y/Z Axis Servo Motor Power Fanuc	3.0/3.0/3.0kw(4.02/4.02/4.02hp)
A Axis Motor Power	0.7kw(0.938hp)
Tool Magazine	
Type	Umbrella Type
Specification	HSK A63
Capacity of Tools Magazine	12pcs
Maximum Dia./Length/Weight	80mm/170mm/3kg
Maximum Dia.(OT between adjacent tool)	80mm
Tool Change Time	6sec
Power	
Transformer	25kva
Air Supply	0.6-0.9Mpa
Lubrication System	
Lead Screw Lubrication	Automatic Grease Lubrication Device
Linear Guide Lubrication	Automatic Grease Lubrication Device
Cooling	
Capacity	3L
Coolant	Watering Cooling System
Clean Type	
Chip Conveyor	Twin-screw chip conveyor
Power	0.4+0.4kw(0.536+0.536hp)
Cover	
Machine Protection	Semi-closed protection+back guarding
Guide Rail Protection	X axis metal protection;Y axis cushion-type protection
Enviromental Requirement	
Temperature(average≤35°C a Day)	5-40°C
Humidity	30-75%
Vibration Strength	0.5G
Stay Away from Dust/Corrosive/Organic Gas Environment	
Ground Resistance	10Ω(ground separately,not in series)
Dimensions	
Overall Dimensions	(10300+1000)x3500x3500mm
Net Weight	24T

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

