



ITEM	NANO-X8
Travel	
X-Axis Travel	800mm
Y-Axis Travel	500mm
Z-Axis Travel	550mm
Spindle Nose to table	90-600mm
Spindle center to Z-Rail travel	550mm
Three-Axis Guideway	X Y Z load Roller Linear Guideway
Table	
Table Size	1000 x 500mm
T-Slot (number*width*pictch)	3 x 18 x 102mm
Maximum table load	700 KGS.
Spindle	
Spindle taper	(Ø140mm) BT-40
Spindle Driven	Direct driven (DDS)
Spindle Speed	12,000 Rpm
Spindle motor Troque	96 N/m
Feed Rate	
X.Y Axis Rapid traverse	40 / 40m/min
Z-Axis Rapid traverse	40m/min
X.Y.Z Max. Cutting feed rate	12m/min
ATC tool changer	
Arm-Type (Tool to tool)	24 Tools ATC (1.8 sec)
Max.Tool diameter*adjacent (with Neighbor)	Ø100 x 300mm
Max. Tools weight	8 KGS
Motors	
Spindle Motor (Rate/Max.)	7.5Kw / 11 Kw
X.Y Axis Servo Motor	2.0 Kw
Z Axis Servo Motor / w Breaks	3.0Kw BS
Machine Accuracy	

Positioning Accuracy (JIS) Std.	± 0.008mm / 300mm
Repeatability Accuracy (JIS) Std.	± 0.003mm
Power Required (kva/ Electricity Capacity)	20 kva(7.5/11kw) 3 φ -AC 220V ±5% / 3 φ -AC 380V 60Hz ± 5%
Air-Pressure Requirement	6^8 kg/cm ²
Others	
External Dimensions (L*W*H)	2300 * 2300 * 2400mm
Gross.Weight	4700 KG (4.7 Ton)
Ground Clearance (height)	Ground Clearance (height)

STANDARD ACCESSORIES:

• BT-40 DIRECT DRIVEN (DDS) 12,000 Rpm	• TOOL BOX & TOOLS
• AIR- BLAST THROUGHT SPINDLE	• SCREW TYPE CHIP CONVEYOR + CART
• WORK LAMP / WORK LED LIGHT	• TOOLS LENGTH MEASURING EQUIPMENT
• THREE COLOR LIGHT	• ARM-TYPE ATC-24 TOOLS
• AUTO POWER OFF	• HIGH PRESSURE WATER & AIR-GUN
• AUTO LUBRICATION SYSTEM	• CHIP FLUSH SYSTEM & NOBS
• RIDGIT TAPPING & THREADING SYSTEM OPERATION	• FULL SPLASH GUARD
• HEAT EXCHANGER FOR CONTROLLER CABINET	• UBS INTERFACE
• SPINDLE OIL COOLANT SYSTEM	• SPINDLE CUTTING COOLANT RING

OPTIONAL ACCESSORIES:

• 4TH AXIS ROTARY TABLE: Ø125 / Ø170 / Ø210 / Ø255mm	• HEAVY SPINDLE MOTOR 11KW/18.5KW
• CHAIN TYPE CHIP CONVEYOR + CART	• CE SAFTY DOORS SYSTEM
• SEMI-AUTO ROTARY TABLE APC SYSTEM	• HEAVY SPINDLE TROQUE MOTOR
• LCD SCREEN 15" INCH	• CE APPROVED CERTIFICATION