

MACHINE INVESTMENT

One (1) DN Solutions Puma 2100SY-II, High Performance Sub Spindle Y-Axis Mill-Drill Turning Center.

Includes the following:

- 2.625" Bar Capacity
- 30 HP
- 5,000 RPM Main Spindle
- 6,000 RPM Sub Spindle
- 15.98" Max Turning Diameter
- 20.47" Max Turning Length
- 8.26" Chuck Main Spindle (A2-6)
- 6.89" Chuck Sub Spindle (A2-5)
- Box Way Construction
- 5,000 RPM M-Tools
- BMT-55 Style Turret
- 24 Tool Capable Turret with 15° Indexing
- M-Tool Kit Consisting of:
 - (2) Cross
 - (2) Face
- Full Contouring C-Axis
- 4.13" Y-Axis Travel
- Tailstock with Programmable Quill (MT#5 Live Center)
- Programmable Parts Catcher & Parts Conveyor
- 145 PSI
- Prep for 1,000 PSI
- Chip Conveyor
- Spindle Torque 264 Ft. Lbs.
- FANUC 0i-T Control
- Tool Load Monitoring
- Tool Setter
- 2 Year Parts and Service Warranty

List Price.....	\$	217,000.00
Deal Price.....	\$	220,000.00
SPECIAL DEAL PRICE.....	\$	195,000.00

NOTE: FOB - WILL ADVISE

If you need a budgetary quote prior to placing your Purchase Order, please advise.

** Price Includes all DN Solutions Advertised Factory Incentives*

“Our Customers Are Our Best Salesmen.”

21st Century Machine Tools has the knowledge to discuss not only our own products, but our competitors, in great detail. We encourage our customers to “Compare the Specs” and visit customers who own DN Solutions

MAIN FEATURES

- Rigid 30-degree one-piece cast-iron slant bed design with solid box way construction
- 5,000 rpm main spindle - 22 kW / 30 hp high speed - high torque integral main spindle motor
- 20 hp, 6,000 rpm integral sub spindle motor with body positioning by ball screw & servo motor
- Unexpected disturbance torque detection function
- 12 station with 24 position heavy duty servo controlled turret (.15 second turret swivel) with rigid base mounted tooling (BMT) system
- Large 2.625" bar capacity
- 15.98" maximum turning diameter
- Refrigerated temperature control system for main & sub spindle
- Main - sub spindle synchronization
- Fast 1,181 ipm Z axis rapid traverse
- Full contouring C-Axis on main and sub spindle
- Y axis mill / drill with rigid tapping on both main spindle, sub spindle and rotary tools. 3 rotating tool holders included in standard tooling package
- 5,000 rpm 7.5 hp rotating tool spindle motor. Live tools can be mounted on all stations
- Y-Axis turret with 4.13" (± 2.065 ") total travel
- Bolt up chip conveyor design for easy access and removal of coolant tank
- FANUC 0i-Plus control with iHMi touch screen interface with swiveling operator's panel
- X-axis glass scales with thermal growth compensation
- EZ Guide I Conversational Programming
- Tool Load Monitoring System

STANDARD EQUIPMENT AND WARRANTY

- Standard chuck specification: MH-208 8" Samchully 3-jaw chuck. 210 mm (8.26") diameter with 68 mm (2.68") bore, 3.7 mm (.145") jaw stroke – includes one set of soft jaws
- Main spindle chuck actuator: SD-17568 hydraulic - 68 mm (2.68") through hole - 29 mm (1.14") stroke
- Sub spindle chuck: MH-206 6" Samchully 3-jaw chuck. 175 mm (6.89") diameter with 52 mm (2.047") bore, 3.2 mm (.126") jaw stroke – includes one set of soft jaws (Sub-spindle chuck rpm maybe less the spindle max speed)
- Automatic Tool setter
- Programmable parts catcher, parts conveyor with barfeed interface standard
- Sub spindle part ejector and coolant flush
- 65 psi multi-stage coolant pumps
- Separate coolant tank with way lube oil skimmer
- Automated metered lubrication system
- 725 psi hydraulic unit
- Air blast system for chuck cleaning (main and sub-spindle)
- Safety features: fully enclosed work area, door interlock, hydraulic pressure safety switch, spindle Interlock, program protect, chucking signal
- 3 color signal tower and work light
- Toolbox with operating tools
- Leveling bolts and pads
- Turning center instruction, operation, parts list and electrical drawing manuals in hard copy format. FANUC manuals provided on USB drive (Hardcopy available for purchase, contact parts department)
- Two-year machine parts warranty, one year labor warranty. Two-year control warranty: Parts and Labor. See warranty pages for details.