

Cheetah

Pure Performance



AMERASEIKI™

STRONGER...FASTER...SMARTER

CHEETAH HIGH SPEED DRILL & TAP CENTER SPECIFICATIONS

Travel

X Axis Travel	20.08"
Y Axis Travel	15.8"
Z Axis Travel	17.7"
Spindle Nose to Table	5.3" – 17.1"
Spindle Center to Column	16.53"

Table

Table Size	23.62" x 14.17"
Max Table Capacity	550 lbs.
Table Height from Floor	31.5"

Spindle

Spindle Motor	7.5 HP (30 Min. Rating)
Spindle Taper	BT-30
Spindle Speed	10,000 RPM
Max Rigid Tapping Speed	4,000 RPM
Spindle Acceleration	0 - 10,000 RPM 0.7 sec.
Spindle Deceleration	10,000 - 0 RPM 0.5 sec.

Machine Capacity

Max Drill (1018 Steel)	1.125"
Max Tap (1018 Steel)	0.75"

Feed Rate

X/Y/Z Servo Motor	1.6/1.6/2.7 HP
X/Y/Z Rapid Traverse	1890 IPM
Cutting Feed Rate (Max)	1890 IPM

ATC System

Tool Shank	BT-30
Pull Stud	MAS403 P30T-1(45)
Tool Qty (Double Arm-Side Mount)	20 + 1
Max Tool Diameter (Adjacent Pockets Full)	2.56"
Max Tool Length	7.87"
Max Tool Weight	6.6 lbs.
Tool Change Time (T-T)	1.1 sec.

Machine Dimension

Floor Space Requirement L x W x H	105" x 75" x 108"
Machine Weight	6500 lbs.
Air Requirement	85 psi
Power Requirement	15 KVA - 30 Amp

Standard Accessories

Mitsubishi 64SM CNC Control
600 Meters Memory
64-bit RISC Processor
Fully Enclosed Guarding
Pre-Wired for 4th Axis
Flood Coolant System
Chip Wash System
Auto Lubrication System
Chip Conveyor, Screw Type
Air Gun
Coolant Wash Hose
Interior Work Light
Alarm Light
Built-in Tool Holder Shelves

Optional Accessories

Lift-up, Belt Type Chip Conveyor w/Cart
Spindle Oil Cooler
5th Axis Tilting Rotary Table

Specifications subject to change without prior notice.

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