Haas Super Mini Mill

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Tool Type: “CNC”
Location: “mFL 3430”

Supervisor	Tool Lead
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Description: CNC milling machine
Manufacturer: Haas

About

The Haas Super Mini Mill is a CNC milling machine. Parts can be modeled in SOLIDWORKS and then toolpaths are programmed through an HSM add-in that generates G-code for the machine to read. The Haas can read G-code and .EGC files.

Detailed Specifications

406 x 305 x 254 mm, 40 taper, 15 hp vector drive, 10,000 rpm, 30.5 m/min rapids, high-speed 10-station automatic tool changer, coolant pump, power-failure detection module, 1 GB program memory, 15″ colour LCD monitor, USB port, memory lock keyswitch, and rigid tapping. Three-phase power only.

X-axis: 16“ Y-axis: 12” Z-axis: 10“ Spindle nose to table: 14” max 4“ min Table length: 36” Work area length: 28.75“ Width: 12” T-slot width: 12“ T-slot center distance: 4.33” # T-slots: 3 Max load on table: 500 lb Max spindle rating: 15 hp Max speed: 10,000 rpm Max torque: 17 ft-lb @ 4600 rpm Taper: 40 Rapids: 1200 in/min Max cutting: 833 in/min Max thrust: 2000 lb Max tool diameter: 3.5“

Safety Concerns

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Operating Procedures

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Reference Documentation

Pre Install Manual

Programming Manual

Probe Training Manual

Operators Manual

Programming Workbook

Training Documentation

Haas Super Mini Mill Training SOP

RS232 file transfer documentation

Haas / HSMWorks Intro Text

Haas mill setup checklist