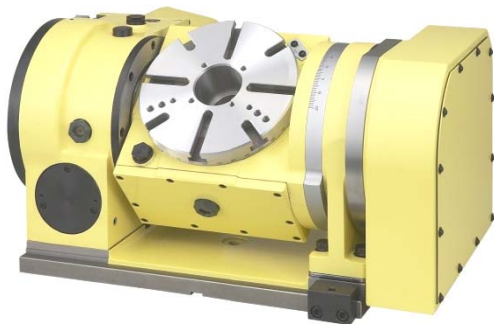


Turnkey Installation & Interface

- Fanuc Control

Makino S-56 With Nikken **5AX-201** Tilting Rotary Table



- Compact Body
- High Speed Rotation, High Durability and High Rigidity
- Powerful Brake System
- Ion Nitrided Worm Wheel & Worm Screw

Specifications

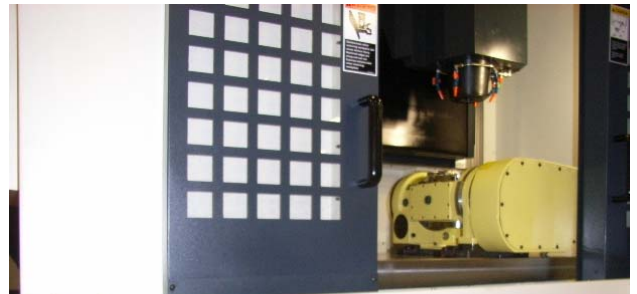
Diameter of Faceplate:	Ø7.8" (200mm)
Diameter of Spindle Hole:	Ø2.36"xØ1.97"
Center Height (90°):	7" (180mm)
Table Height (0°):	10.2" (260mm)
Clamping System:	Hydraulic
Min. Increment:	0.001°
Net Weight:	353 lbs

Rotary Axis

Repeatability:	4 arc sec.
Clamping Torque:	433.6 ft.lbs
Rotation Speed:	22.2 RPM
Total Reduction Ratio:	1/90

Tilting Axis

Repeatability:	6 arc sec.
Clamping Torque:	451.3 ft.lbs
Rotation Speed:	16.6 RPM
Total Reduction Ratio:	1/120



MAKINO S56



- Reduce setups & cycle time
- 5 axis contouring capabilities
- Increased part accuracy and productivity

Lyndex-Nikken is the only Rotary Table manufacturer to offer complete interface and installation on Fanuc Control.

We use the highest quality hardware and components

- Genuine Fanuc Parts
- Genuine Fanuc Option Parameters
- Cut Resistant Waterproof Cabling
- Cable Management

Factory Clean Installation

- Drive Installation
- Parameter Changes
- Communication Cables
- Fiber Optic Cables
- Bulkhead Cable Set
- External Cable Installation
- Table Installation
- Documentation

Installation Process

STEP 1 – Electrical Cable Set Up

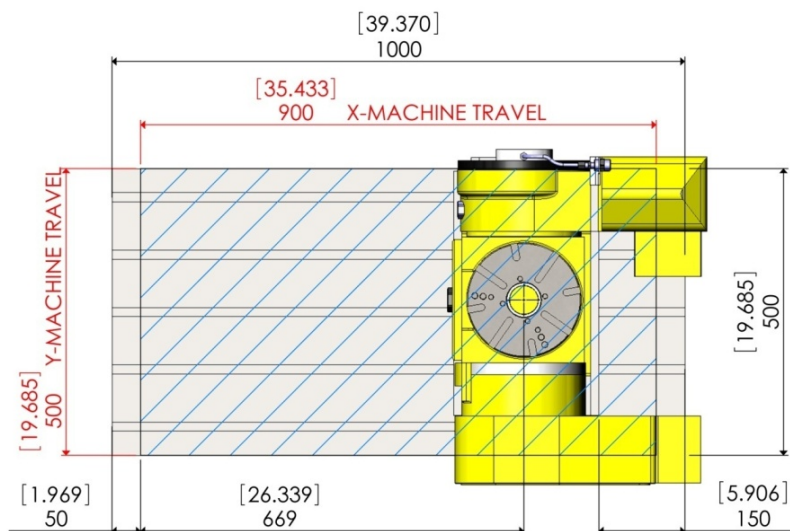
1. Mount cable kit and airline plate onto sheet metal
2. Plumb the electrical cables to the electrical cabinet

STEP 2 – Amplifier

1. Mount Fanuc amplifier and fiber optic cables
2. Set parameters to turn on additional axes

STEP 3 – Rotary Table Set Up

1. Install Rotary Table for fine tuning
2. Install brake clamp and unclamp buttons on control panel
3. Set up and programming training
4. Installation of SGI parameters



We guarantee a seamless integration with any MAKINO Machining Center and CNC control, whether a 4th or 5th axis interface is needed.

MAKINO S33 with NIKKEN CNC180



MAKINO V33i with NIKKEN CNC202



MAKINO S56 with NIKKEN 5AX-201



For more information, contact us
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NIKKEN

800-543-6237
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