

RC-250, 300, 400, 500

MACHINE TOOL / TRANSFER LINE INTEGRATED TABLES

RC-Series rotary tables are designed for integration into a specialized machine tool or transfer line. RC-Series tables feature extra rigid castings for heavy duty applications. Standard equipment for RC-Series tables includes a built-in (8) port hydraulic/pneumatic rotary joint unit and (1) coolant port.



RC-300

RH-400, 500, 600

MACHINE TOOL / TRANSFER LINE INTEGRATED TABLES

RH-Series rotary tables are available for horizontal setting only and are used mainly for rotating and positioning operations on items such as cradle jigs which have a comparably large turning radius. They feature excellent allowable work weight and moment rigidity, and a powerful hydraulic clamp mechanism.



RH-600

RUA-250, 320, 400, 500

MACHINE TOOL / TRANSFER LINE INTEGRATED TABLES

RUA-Series vertical rotary tables are used mainly as a tilting device. Standard features include a powerful dual disc clamp mechanism and excellent eccentric load rigidity, powerful wheel torque and cutting resistance. A (10) port rotary joint is a typical RUA-Series option.

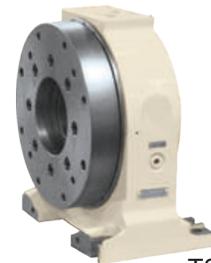


RUA-320

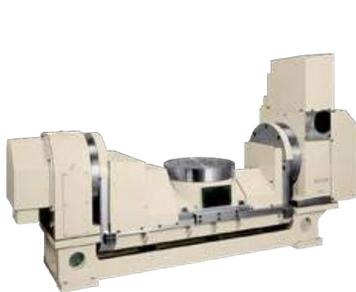
TSUA-170, 210, 255, 310

MACHINE TOOL / TRANSFER LINE SUPPORT SPINDLES

TSUA-Series support spindles are used in conjunction with RUA-Series rotary tables to create a tilting fixture surface. Options include an (8) port rotary joint and a balancer to support an eccentric load. A powerful dual disc clamp mechanism is incorporated.



TSUA-170

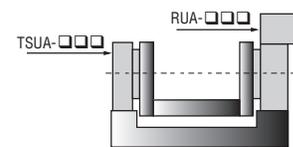
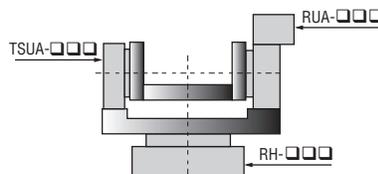
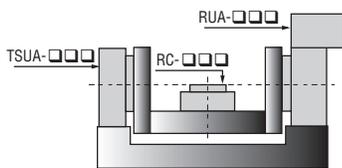


Turn & Tilt System



Tilt & Turn System

Integrated Rotary Tables
Tsudakoma integrated rotary tables are designed to be incorporated into machine tools to create a "Flexible Transfer Line" for machining automobile parts. The overall rigidity and clamp torque of these rotary tables and support spindles allows smaller models to be selected resulting in a more compact transfer line.



Cradle System

CUSTOM BASEPLATE ASSEMBLY

(3) RNCV-401L rotary tables are mounted on a custom designed fabricated baseplate. This assembly was installed at an aircraft components manufacturer.



TWIN SPINDLE TILTING TABLE

(12) of the RT-244 twin surface tilting tables were built for integration into custom designed twin spindle vertical machining centers. Two complete automotive suspension components are manufactured with each machining cycle.



AUTOMATED CLAMPING TABLE

This TWA-130 is equipped with a Hirschmann pneumatic chuck. Pneumatic rotary joints on the rotary axis allow automated clamping and un-clamping of the chuck and pallet system.



CUSTOM SLIDE ASSEMBLY

Two RWA-320R,B tables were incorporated into a project for making helicopter parts. One RWA-320R,B was mounted on the pictured slide assembly, and one RWA-320R,B was mounted opposite the slide assembly and utilized as a pneumatic clamping tailstock.



CUSTOM OUTPUTS

CAPTO C8 PULL STUD

This custom RWB-400K is equipped with a hydraulic rotary joint especially designed for actuating a Capto C8 pull stud front end.



CUSTOM FIXTURE PLATE

RWB-320 & TSH-210

The RWB-320 rotary table and TSH-210 hydraulic support spindle are mounted on a custom baseplate and joined to a specially designed trunnion fixture



CUSTOM FIXTURE PLATE

RWB-400 & TSH-210

The RWB-400 rotary table and TSH-210 hydraulic support spindle are mounted on a custom baseplate and joined to a specially designed trunnion fixture



CUSTOM ROTARY JOINTS

RWB-250L WITH ROTARY JOINT

This RWB-250L is equipped with a custom (8) port rotary joint. The rotary joint features a low profile hydraulic manifold.



RTT-101,AA**HIGH SPEED DIRECT DRIVE**

The RTT-101,AA is an ultra high speed direct drive tilting rotary table. The rotary axis can turn at up to 200 rpm and the tilt axis runs at up to 150 rpm.

**TTNC-101-4****(4) SPINDLE TILTING TABLE**

This TTNC-101-4 is equipped with (4) HSK-A100 clamping pods with a cylinder force of 1,434lbf @500psi. This table was installed on a twin spindle vertical machining center.

**SWIVEL BOXES & ARMS****CABLE MANAGEMENT**

Pictured are RWB-250K, RWB-320K, and RWB-400K rotary tables each equipped with custom designed swivel boxes or swivel arms to facilitate cable management on a pallet equipped horizontal machining center.

**RTT-303,AA****(2) SPINDLE TILTING TABLE**

Each spindle of the RTT-303,AA has a 350mm diameter work surface with a load capacity of 220lbs. The spindles can be geared to rotate in opposite directions to each other or in the same direction. The cradle assembly tilts -33° to +113°.

