

## ROTODYNE ROTARY JOINTS / SWIVEL JOINTS / ROTARY COUPLINGS

Rotary Joints are used for conveying fluid under pressure from a stationary source to a rotating system or vice versa. They are also referred to as Rotary unions, Rotary coupling, Swivel Joints etc. "Rotodyne" Rotary Joints are designed with journal type and specific seal designs are selected based on the operating conditions like rotating speed, operating pressure, Nature of application etc.

This design has got several distinct advantages over the contemporary face sealing designs especially for high pressure low speed applications, like the possibility of having multiple ports which can be pressurized simultaneously, less susceptibility of fluid contamination, Handling Multiple fluids and positive sealing Higher pressure capabilities etc.

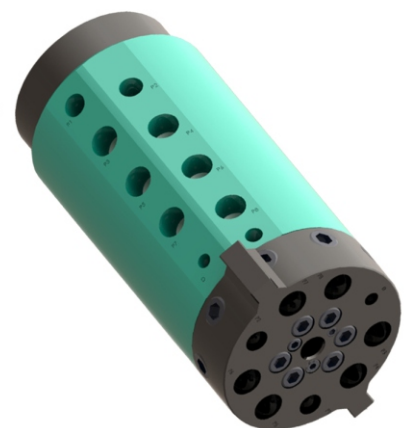
"Rotodyne" Rotary joints are available with maximum pressure rating of 400Kg/cm<sup>2</sup>, Speed up to 2000rpm and flow capacities upto 400 Lpm



*ROTARY JOINT  
FOR MOTOR GRADERS*



*ROTARY JOINT  
FOR OIL TANK SLUDGE CLEANING ROBOTS*



*ROTARY JOINT  
FOR SLEW CRANES*

We provide customized solutions for individual applications based on the specific operating parameters demanded by each application

### **MAJOR CLIENTS :-**



# ROTODYNE ROTARY JOINTS / SWIVEL JOINTS / ROTARY COUPLINGS

## Other Major Applications :

- Earth Moving Equipments
- Material Handling Equipments
- Machine Tools
- Hydro Electric Turbines
- Special purpose machines
- Mobile Cranes
- Wagon Tippers
- Test Rigs & Simulators
- Automation
- Mining Equipments



Max Pressure rating – 400 Kg/Cm<sup>2</sup>

Max Flow Capacity – 400 LPM

Max Speed – 2000 RPM

Max Number of ports – 30

Medium – Hydraulic, Coolant, Pneumatic and Vacuum

*Designed & Manufactured by:*

**Rotodyne**

**ROTODYNE FLUID TECHNIC**

# 24, Udupa Garden, S.M. Road, 4th Cross, Jalahalli West, Bangalore-560015, Karnataka, India

Phone : (+91) 080-283 96831

Email : [marketing@tornadofluidpower.com](mailto:marketing@tornadofluidpower.com) / [kiron@tornadofluidpower.com](mailto:kiron@tornadofluidpower.com)

Web : [www.tornadofluidpower.com](http://www.tornadofluidpower.com)

