

# Rotary joints

## Rotary joints with packing seal

- Op. pressures: 7300 – 14500 psig
- Flow rate: 47.6 GPM
- 0,4" i/d
- Rotation speed: max. 500 r.p.m.
- Weight: 17,2 lbs
- Straight through drive shaft for direct coupling to a motor
- Corrosion and medium resistant construction
- Available with flange connection



## Application

Rotary joints are the basic component of all rotating water blasting tools and also provide the high pressure seal.



## Rotary joints with friction free sealing

- Op. pressures: 5800 – 36300 psig
- Flow rate: 5.3 – 10.6 GPM
- 0,13 – 0,18" i/d
- Rotation speed: max. 3000 r.p.m.
- Weight: 1,15 lbs
- Axial water connection
- Corrosion resistant



## Rotary joints with friction free sealing

- Op. pressures: 14500- 43500 psig
- Flow rate: 5.3 – 105.7 GMP
- 0,12 – 0,6" i/d
- Rotation speed: max. 3000 r.p.m.
- Weight: 3,7 lbs – 44,2 lbs
- Axial water connection
- Corrosion resistant

## Swivel connection

- Op. pressure: 43500 psig
- Flow rates: 5.3 GPM, 26.4 GPM
- 0,12 – 2,8" i/d
- Pivoting angle: 360°
- Weight: 1,32 lbs
- Axial water connection
- Corrosion resistant
- Light, compact construction



## Rotary joints with dynamic sealing

- Op. pressure: 43500 psig
- Flow rate: 5.3 GPM
- 0,087 + 0,12" i/d
- Rotation speed: max. 3000 r.p.m.
- Weight: 1,15 lbs
- Axial water connection
- Corrosion resistant

## Application

Used as pivoting element to introduce flexibility in ultra high pressure lines. e.g. in lines to water blasting tools deployed by multi axis robots or as a user friendly connection between a UHP hose and a manually operated blasting gun.



# Water blasting tools

## Water blasting tools for powered or water driven rotary joints

- No. of nozzles: 2 - 40
- Corrosion resistant
- Nozzle insert selection optimised by means of special simulation programme



Blasting tool in tubular design  
Op. pressures:  
14500 and 21800 psig



Nozzle holders  
Op. pressure:  
43500 psig



Disc type nozzle holder  
Op. pressure:  
43500 psig



Twin arm nozzle bar  
Op. pressure: 43500 psig  
Adjustable nozzle angle setting



Spray bar  
Op. pressure: 43500 psig  
suitable for high r.p.m.