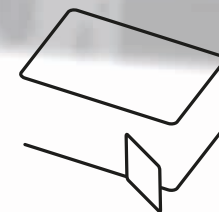


ROTARY UNIONS



HAINZL
SYSTEMS ENGINEERING

ROTARY UNIONS

Totally dependable

Our custom-manufactured rotary unions are used in a wide range of industries and ensure the reliable transmission of media.

- // Plastics industry
- // Press manufacturing
- // Special-purpose machine manufacturing
- // Extinguishing technology
- // Snowmaking system
- // Steel plants and rolling mills
- // Crane manufacturing
- // Packaging machines
- // Machine tools

Technical data

- // Media/signals
 - Oils, air, grease, gas
 - Water, emulsions
 - Vacuum
 - Current, signals and data
- // Temperatures up to 140°C
- // Standard or application-related special coatings
- // Individual designs and flexible solutions possible

Please send us an enquiry to discuss your specific project or special requirements!

24

channels

450

mm max. diameter

1000

rpm speed

350

bar pressure



- // 100 rpm
- // 120°C
- // e.g. rotary tables of injection moulding machines

Rotary unions with rotary seals

Are used for slow rotating and swivelling movements. Sealed separation channels allow different media to be transmitted simultaneously with no leaks.



- // e.g. turbine blade adjustment cylinder

Hybrid applications

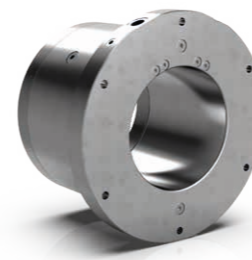
Rotary unions can be combined with electrical slip rings or cylinders and integrated into an application. Alongside a very wide range of media (oil, air, grease, gas, water, emulsion or vacuum), variants with slip rings also transmit current, signals and data.



- // 100 rpm
- // 120°C
- // e.g. ladle turret in steel plants

Wear-resistant rotary unions

This special version is particularly robust; its service life and maintenance intervals are increased thanks to the wear-resistant coating with a hardness rating of up to 2.300 HV and the sealing system which has undergone long-term testing.



- // e.g. hammering machine

Design variants

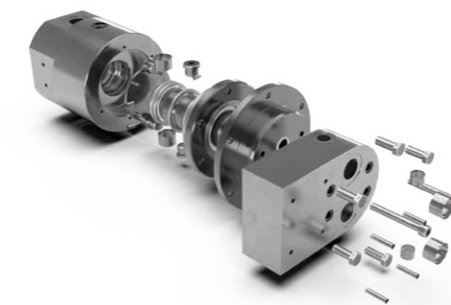
Our rotary unions are available in all possible variants, customized for your application. Our strength is in the design of special variants. We can adapt our design to fit your needs perfectly – whether for one-off products or series production. We offer the option of carrying out running tests under application conditions on our development test stand.



- // 100 rpm
- // 140°C
- // e.g. mould-changing units

High temperature rotary unions

This version is based on materials that can withstand increased temperatures over long periods. This facilitates the transmission of hot media (up to 140°C) onto the rotating parts.

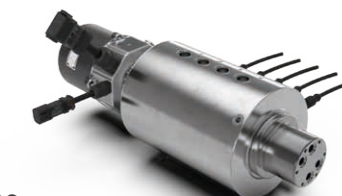


- // Contact: rotary-union@hainzl.at

Service

We would be happy to advise you on finding the right solution for your application. Our service includes:

- // Consultation and implementation
- // New construction, adaptation or repair
- // including for existing systems using third-party products



- // 1.000 rpm
- // 120°C
- // e.g. reel applications

Rotary unions with gap seals

Gap seals are used wherever high rotational speeds are required. The non-contact sealing system provides for low friction losses despite high speeds.

Scan here for enquiry form





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TECHNOLOGY FOR HIGHER STANDARDS