

# Tripods for rotary distributors

High-precision tripods and drivers

## Experienced with slip ring transmitters since 1960

### Innovation and experience in automotive body shop since 1982

Early on we developed special slip ring assemblies, also known as rotary distributors, for German OEMs. Today our permanent customer base includes more than 50 OEMs and their suppliers worldwide.

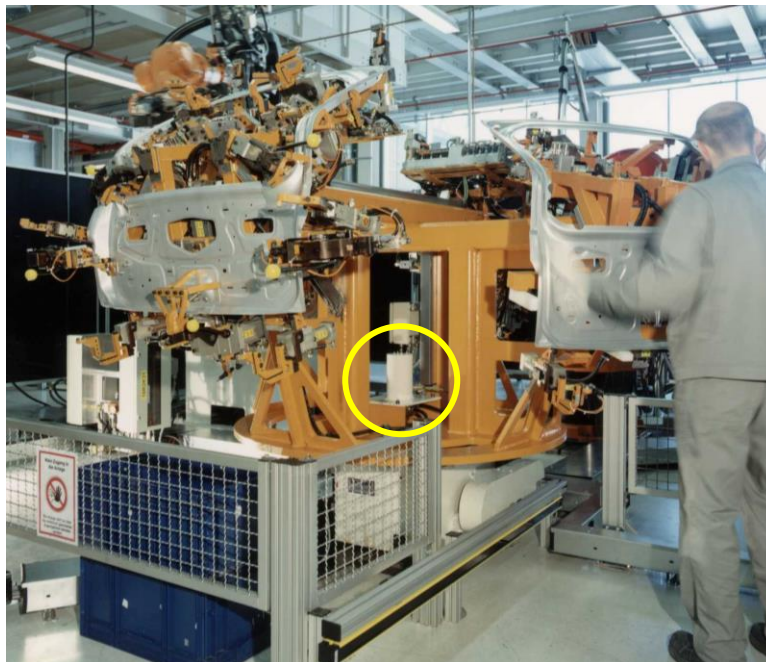
We have always attached great importance to quality and innovation. For example, we were the first manufacturer to be able to transmit endlessly rotating and diagnosable Interbus via optical fibre (1999). Just six years later, we were already supplying Profinet rotary distributors that quickly became visible as a separate network device and were certified by the PNO\* in 2013. Today it is also available with SCRJ, RJ45 or M12 connectors. Nowadays we are able to transfer Profinet-TSN (with 1Gbit/s) securely. In parallel, DeviceNet, EthernetIP, etc. are also no problem to transmit.

In order to avoid unnecessary failures due to incorrect installation of our rotary distributors, we have created a new interface connected to the turntable. We can now supply our customers with a slip ring transmitter including the tripod for attaching it to customer-specific rotary tables. A current collector for welding current dissipation can also be combined on request.

Our modular standard design was developed to fix the rotary distributors of the F 5812 and F 6300 MU series on turntables and to guarantee the necessary loose entrainment.

We want to save our customer's additional expenses for development or in-house production and provide you and our customers with the security of a tested product package, all made from one source.

\*PNO = Profinet User Organisation



Endlessly rotating turntable in door production: rotary distributor in the center

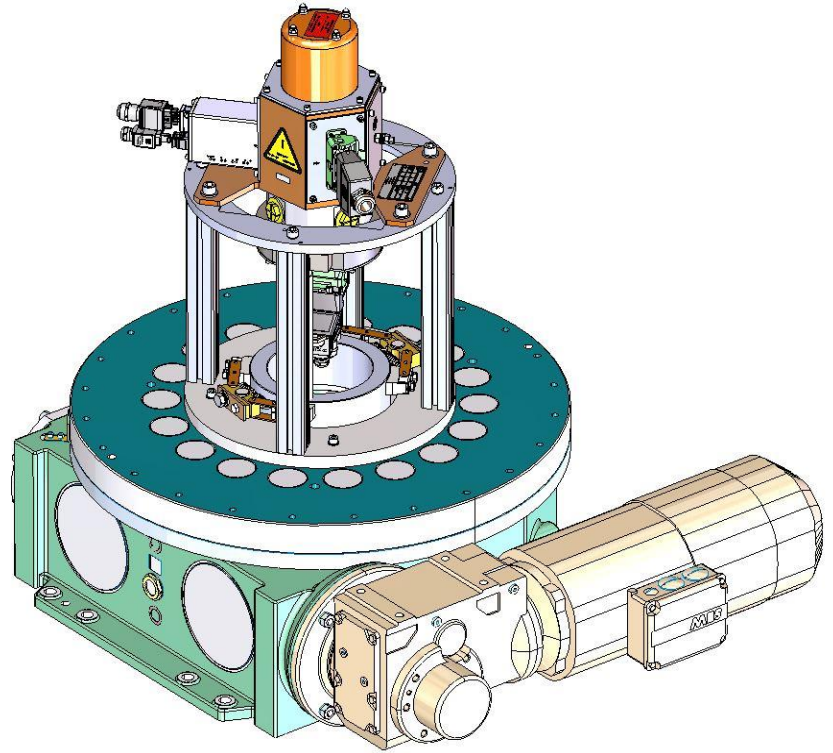
#### **The following applies to all our endlessly rotating products**

In relation to the system operating time, the rotary distributor is significantly less expensive than an energy chain.  
No restriction of movement - thus maximum system flexibility and increased efficiency.

## Our tripods (consoles)

In the following we have assigned some of our tripods to the turntables that are typically used in the body-in-white. However, due to the modular design of our construction, it can also be adapted to many other tables, always providing the necessary care and standard high quality level.

We are certified according to ISO9001 and ISO14001.



### Advantages

- ✓ Rotary distributor AND tripod including loose carry-along from one source
- ✓ Tuned to original REKOFA™ slip ring assemblies
- ✓ Flexible in use and available for various rotary tables
- ✓ Including welding current feedback on request (standard: 300 amps)

### Main focus

- ✓ Exact position of the axes
- ✓ Sufficient clearance in the carrier
- ✓ Observance of all tolerances
- ✓ Torsional stiffness and stability of the entire body
- ✓ Simplification for our customers

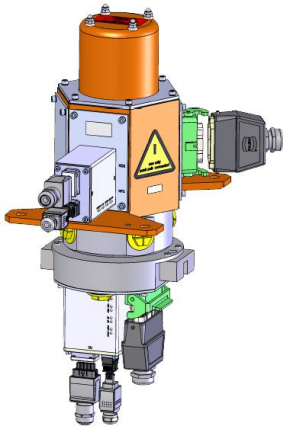
Slip ring transmitter	F 5812 ff *1	F 5812 ff incl. welding current	F 6300 MU ff	F 6300 MU ff incl. welding current
Moog Rekofa GmbH				

Selection of index drives *2	Expert-Tünkers	Order numbers of the console incl. drivers from Moog Rekofa			
	EDH960	5035359	5035360	5035361	5035362
	EDH1170	5035363	5035364	5035365	5035366
	Taktomat	Order numbers of the console incl. drivers from Moog Rekofa			
	TMF3000	5035367	5035368	5035369	5035370
	TMF4000	5035371	5035372	5035373	5035374
	Weiss	Order numbers of the console incl. drivers from Moog Rekofa			
	CR0700S	5035375	5035376	5035377	5035378
	CR0900S	5035379	5035380	5035381	5035382

\*1 Type number required depending on project (e.g. BMW: F 5812 JXY Active) / \*2 Of course also available for other turntables and positioners

## REKOFA™ Rotary distributor

Used in countless car, truck, bus and motorbike production lines



### PREMIUM

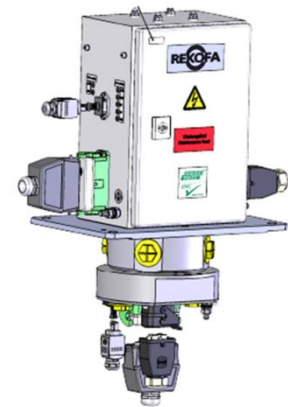
**Type: F 5812 A, G, M, Q** (as well as equipment B, C, D, E, F, H, K, L, N)

- ✓ Diagnostic capability due to repeater or converter on input and output
- ✓ Online diagnostics of the system reserve
- ✓ Data transmission via optical fibre (SCRJ/RJ45 connections)
- ✓ Sliprings for 24V/10A and 500V/20A (Type E with 60A)
- ✓ For alternating or direct current AC/DC
- ✓ Air distributor G1" (alternatively including cooling water)

### STANDARD

**Type: F 5812 J**

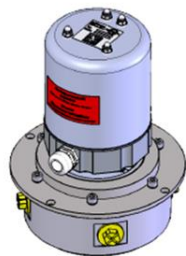
- ✓ Diagnostic capability thanks to repeater on one side
- ✓ Data transmission via silver tracks/contacts (RJ45 connections)
- ✓ Sliprings for 24V/10A and 500V/20A
- ✓ For alternating or direct current AC/DC
- ✓ Air distributor G1" (alternatively including cooling water)



### BASIC

**Type: F 6300 MU**

- ✓ Very compact and ergonomical
- ✓ Data transmission via silver tracks/contacts (RJ45 connections)
- ✓ Sliprings for 24V/16A and 500V/20A
- ✓ Air distributor G1/2" (alternatively with 2x G1/2" air or e.g. cooling water)



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Console for rotary distributor, MR-IC, rev.0, 06/20

For more product information call  
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**0049-2693-9333-0**

or visit [www.rekofa.net](http://www.rekofa.net) and [www.moog.com](http://www.moog.com)

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