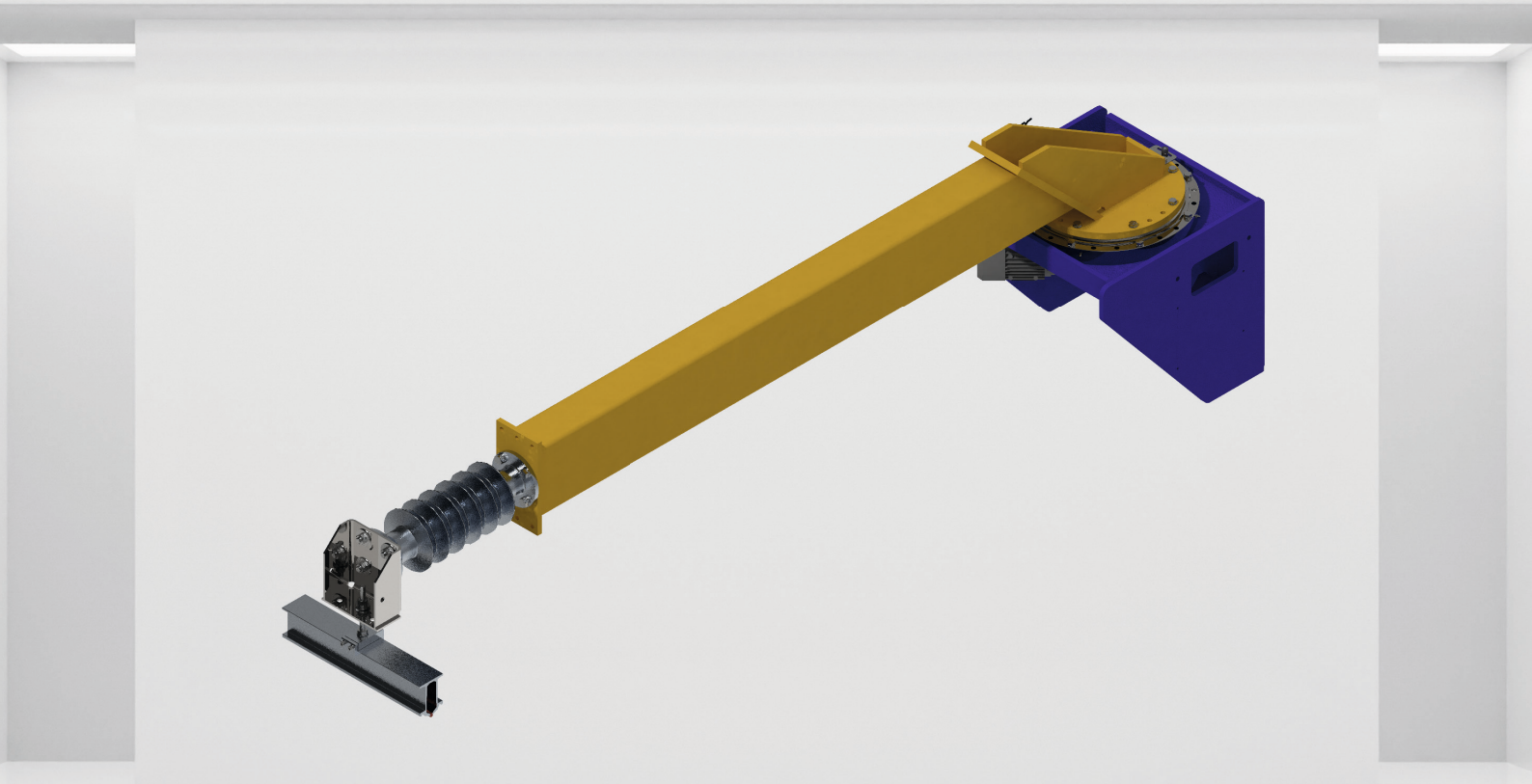
Rail Power Systems

Made in Germany

TracFeed® SAM

Swivel arm for maintenance halls



TracFeed® SAM

Swivel arm for maintenance halls

What does a swivel arm do?

Swivel arms are used in maintenance halls. Using the overhead conductor rail, the train can drive into the hall electrically under its own power. When work commences, the TracFeed®OSS swivel arm can be used to swivel the overhead conductor rail to the side. This, for example, allows work on the roof of the train to be carried out without any difficulties. The use of a crane is also made possible in this way.

Drive

- Compact construction method thanks to internal gear ring (higher power density)
- Smaller installation space horizontally compared to competitors
- Low-maintenance thanks to use of wear-resistant components
- Motor power: 0.18 kW
- Length of a swivel movement: approx. 22 seconds
- High-resolution synchronisation of all motors using a laser-cut counter

Supporting structure

- Lighter and reinforced supporting structure (FEM-optimised)
- Max. pole front edge 6 m (PFE)
- Corrosion protection possible with anti-corrosion coating (ZG02) or galvanising.

Advantages

- Compact construction method
- Few components
- Easy assembly
- Low weight
- Subsequent motorisation of the units possible in assembled state
- High-quality cantilever arm bearing

Position recognition

- Flexible adjustment of the end positions (also possible in assembled state)
- End stop via downstream limit switches
- Swivel range between 10° and 115°

Why choose an RPS swivel arm?

RPS is a full-service provider for hall projects with swivelling overhead conductor rails. In addition to required components

- Overhead conductor rail
- Swivel arm
- Control cabinet

which are all produced in-house, RPS can also offer extensive design services and support in connection with such projects.

RPS/EN/440/0724

The specifications set out in this document apply to conventional applications. They do not represent performance limits.

This means that divergent specifications may be attained in specific applications. The contractually agreed specifications alone shall apply. We reserve the right to effect technical modifications.

TracFeed® is a registered trademark of Rail Power Systems GmbH.

Rail Power Systems GmbH
Garmischer Straße 35 | 81373 Munich | Germany | T +49 89 41999-0 | F +49 89 41999-270 | www.rail-ps.com