Modular Rotary Table System
Tailor-made all-in-one solution, without long and costly development phase

For the machine designer, the choice of a rotary table system focuses on a compact, space-saving design and a scalable offer. In this regard, JAT offers a large selection of standard modules that can be quickly and individually compiled and adapted for the corresponding application. The direct drive is available in different performance classes (peak torque 3.8 ... 500 Nm), with different roller bearings, various measurement systems and precisely matched servo amplifiers. The customer receives an individual, parameterised and ready-to-connect drive system, but saves a long and costly development phase.

- **Quickly available**
  Selection of standard modules that can be quickly and tailor-made compiled

- **Cost-effective solution**
  Modularity and wide variety save a long and costly development phase

- **High compatibility**
  Different interfaces are supported (CANopen, EtherCAT, PROFIBUS, PROFINET, ...)

- **Easy and comfortable commissioning**
  Setting parameters and operation of servo drives with JAT Engineering software

- **Various applications**
  Technology function integrated in the firmware for rotary table control

A plurality of design variants and options increase the possible applications for the machine builder. Instead of new development, the modules like torque-motor, bearing, encoder and a range of options can be configured quickly and easily.

- ✔ Direct drive
- ✔ Servo control
- ✔ Encoder
- ✔ Various options
Rotary Table System - modular & tailor-made
Compilation of modules for corresponding application

- Torque Motor - Kit
- Encoder
- Bearing
- Options
- Coating
- Servo Amplifier
- Software

**Encoder**
- Sinus/Cosinus
- Absolute
- Incremental

**Bearing**
- Cost saving: Ball bearing
- High precision: Cross roller bearing

**Options**
- Hollow shaft (rotating, non rotating)
- Feedthrough (water, air, voltage)
- Double rotation
- Holding brake
- Flexible mounting
- Cable outlet direction
- Cable length
- Type of connector

**Coating**
- Aluminium (conductive)
- Black anodized

**Servo Amplifier**
- EtherCAT
- CANopen
- RS 232
- RS 485

**Software**
- ECOSUITE / ECOSTUDIO®
  Setting parameters for servo drives & operation of servo drives incl. MODULO function & Shortest-way function

**Rotary Table System**

- HRT-65
  - Rotary Table System
  - ECOMODUL

- HRT-78
  - Rotary Table System
  - ECOMODUL

- HRT-105
  - Rotary Table System
  - ECOVARIO® 114D

- HRT-133
  - Rotary Table System
  - ECOVARIO® 114D

- HRT-160
  - Rotary Table System
  - ECOVARIO® 114D

- HRT-290
  - Rotary Table System
  - ECOVARIO® 114D & 616D