



## Nomenclature

### Assembly

#### Roboter for assembly

#### Handling

#### Joining

### Driving

#### Monitoring

#### Testing

#### Integrated systems

### Organisation

#### Dismantling

#### Micro Technology

## List of products

### 300100 Assembly

- 300101 Mounting tables
- 300103 Single assembly work stations
- 300105 Assembly tools
- 300107 Assembly appliances
- 300111 Assembly machines, manual operation
- 300112 Automatic assembly machines, circular transfer
- 300113 Automatic assembly machines, longitudinal transfer
- 300121 Assembly systems, compact
- 300125 Assembly systems, integral with system combination
- 300126 Mounting devices for o-rings
- 300128 Basic units
- 300130 Jackmount
- 300131 Automatic component insertion machines
- 300161 Manipulators

### 300200 Roboter for assembly

- 300210 Industrial robots up to 1 kg loading capacity
- 300220 Industrial robots from 1 kg loading capacity
- 300230 Welding robots
- 300240 Soldering robot with diode laser

### 300300 Handling

- 300301 Hoppers
- 300302 Magazines
- 300303 Hopper chutes
- 300304 Separating devices
- 300305 Magazines
- 300306 Paletts
- 300307 Grip containers
- 300308 Positioning units
- 300311 Vibratory spiral conveyors
- 300312 Linear conveyors
- 300313 Centrifugal conveyors

- 300321 Chain conveyors
- 300322 Inclined conveyors
- 300323 Conveyor belts
- 300325 Assembly conveying technology, general
- 300331 Workpiece handling units
- 300332 Handling devices, programmable
- 300333 Loading devices
- 300334 Walking beams
- 300338 Linear axles electrical
- 300339 Linear axles pneumatic
- 300340 Linear axles general
- 300341 Grippers, electrical
- 300342 Grippers, mechanical
- 300343 Grippers, pneumatic
- 300344 Grippers, vacuum
- 300345 Gripping systems
- 300352 Filling devices
- 300353 Dispensing devices
- 300361 Magazines for workpieces
- 300362 Workholders
- 300371 Disentglers
- 300381 Spring winding machines
- 300382 Coil winding devices

### 300400 Joining

- 300401 Screwing units
- 300402 Manual screwing devices
- 300403 Automatic screwing units
- 300411 Welding units
- 300412 Soldering units
- 300413 Gluing units
- 300414 Riveting units
- 300415 Press units
- 300417 Welding turntables
- 300421 Joining units
- 300425 Tensioning devices
- 300433 Aluminium construction profiles
- 300434 Steel construction profiles
- 300435 Components for construction profiles
- 300441 Packing units
- 300442 Automatic packing units
- 300451 Joining elements general

### 300500 Driving

- 300501 Rotary indexing tables
- 300502 Transfer units
- 300503 Roller convcyors
- 300504 Guide elements
- 300505 Rolling bearings  
Permaglide-plain bearings
- 300506 Coordinate tables
- 300507 CNC palletizing tables
- 300508 Tool-changing coupling units
- 300509 Linear guides
- 300510 Steel belts and drive tapes
- 300511 Belt drives
- 300512 Gearing units
- 300513 Slide rails
- 300514 Chain drives
- 300515 Chain guides
- 300516 Track rollers
- 300517 Telescopic rails
- 300521 Gear wheels
- 300522 Timing belt drives
- 300531 Electric drives
- 300532 Energy chains
- 300533 Electric installation elements
- 300534 Linear motors
- 300535 Servomotors
- 300551 Pneumatic drives
- 300552 Compressed air generation
- 300553 Generation of hydraulic power
- 300561 Compressed air cylinders
- 300562 Compressed air units
- 300563 Compressed air installation elements
- 300565 Quick-acting couplings
- 300568 Line fittings
- 300571 Vacuum generation
- 300575 Shock absorbers
- 300576 Pneumatic positioning systems
- 300577 Mechanical positioning systems
- 300578 Pneumatic hydraulic feeding units
- 300579 Ball screws
- 300580 Spindle drives
- 300581 Transporters autonomous



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### 300600 Monitoring

300601 Monitoring systems, electric  
300602 Control equipment, electric  
300603 Control elements, electric  
300604 Software  
300605 Control cable  
300611 Monitoring system, pneumatic  
300612 Control equipment, pneumatic  
300613 Control elements, pneumatic  
300614 Software  
300621 CNC-Control  
300622 Freely programmable controllers, general  
300624 Path control systems  
300631 Limit switches  
300632 Sensors, optic  
300633 Sensors, inductive  
300634 Sensors, capacitive  
300635 Proximity switches  
300636 Level Monitoring Devices  
300641 Counters  
300642 Automatic counting machines  
300651 Marking appliances, coding  
300652 Printing appliances

### 300700 Testing

300701 Testing and sorting systems  
300702 Identification systems  
300703 Automatic marking machines  
300704 Image processing  
300705 Leak-detectors  
300712 Dispensing carriages  
300721 Test units  
300722 Measuring equipment  
300725 Torque-Feeder  
300726 Monitoring systems for press in force  
300731 Safety devices, general  
300732 Safety screens  
300733 Safety regulations  
300741 Interference elimination devices

### 300800 Integrated systems

300810 Forming  
300820 Surface treatments  
300830 Process materials  
300840 Recycling  
300850 Presses for the assembly technology

### 300900 Organisation

300901 Organizing means  
300902 Organization software  
300911 Planning means  
300912 Planning software  
300921 Construction, general  
300922 CAD construction  
300925 Advertising  
300931 Publishers media  
300941 Economic efficiency analyses  
300951 Research, development  
300961 Schools training  
300971 Services, general  
300975 Assembly waging

### 301000 Dismantling

301010 Dismantling Tools  
301020 Dismantling apparatus  
301030 Dismantling machines  
301040 Automatic dismantling machines  
301050 Dismantling robots  
301060 Dismantling management  
301070 Dismantling-conscious product design

### 301100 Micro Technology

301110 Assembly technologies and assembly systems for Micro T.  
301120 Industrial robots and Handling devices for Micro Technology  
301130 Micro-positioning systems  
301140 Micro-grippers  
301150 Micro-motors  
301160 Micro-sensoren