

EROWA Robot Compact 80

Productivity on 2m²



for more information!

Examples of the number of possible magazine positions. Possible mixed use.

Robot Compact 80 Standard magazine

217 x ITS 50
217 x Holder 72
217 x PM 56



70 x ITS 115/148
70 x MTS 148
70 x PM 85/130



8 x UPC



Robot Compact 80 3. Magazine/Rack

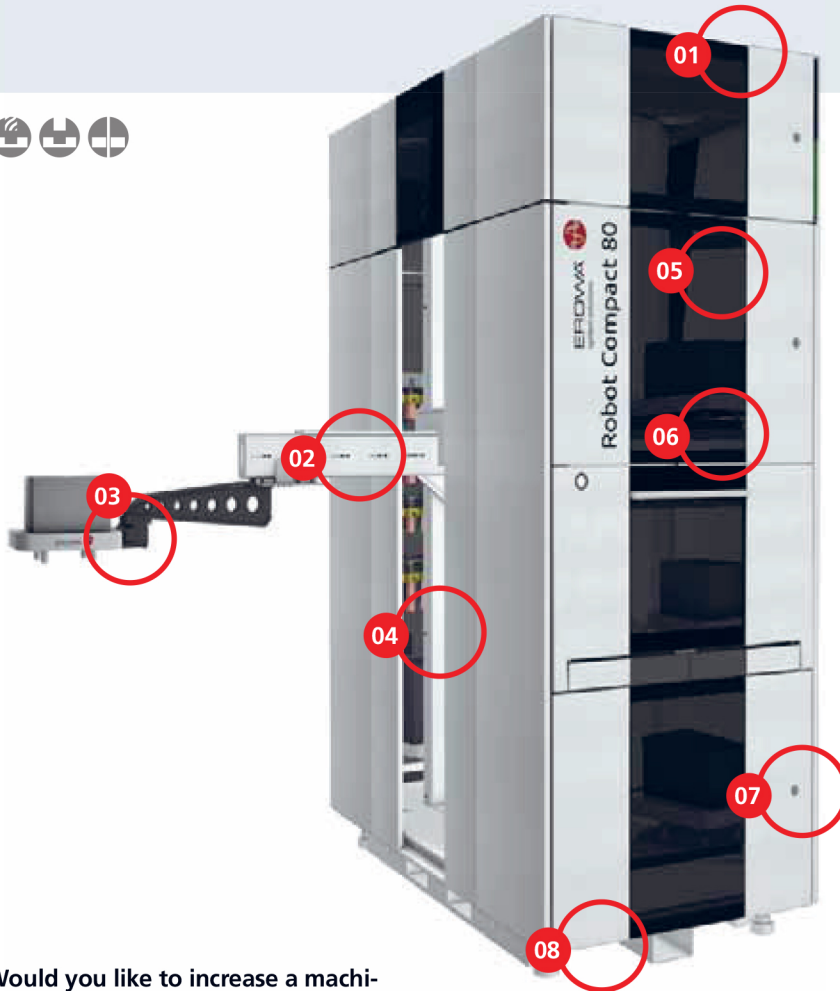
327 x ITS 50
327 x Holder 72
327 x PM 56



105 x ITS 115/148
105 x MTS 148
105 x PM 85/130



8 x UPC



Would you like to increase a machine's autonomy? Are the workpieces numerous but not very big? Do you only have a little room left around the machine? Do you want to serve two machines with the same handling facility? If you can answer one of these questions with YES, then we are just what you're looking for. The EROWA Robot Compact 80 is the answer to your requirements.

01 | Symmetrical design to enable positioning to the left or right of the machine.

02 | X-stroke 1380 mm.

03 | Max. 80 kg transfer weight.

04 | 330° swivel axis for the operation of the two frame magazines and up to two machines.

05 | 2 rack magazines with more than 200 magazine positions. A third magazine can be installed as an option.

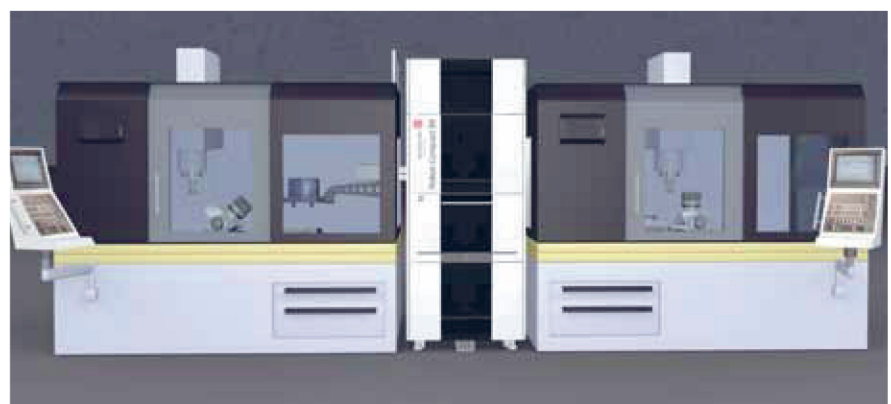
06 | Freely adjustable height of magazine levels.

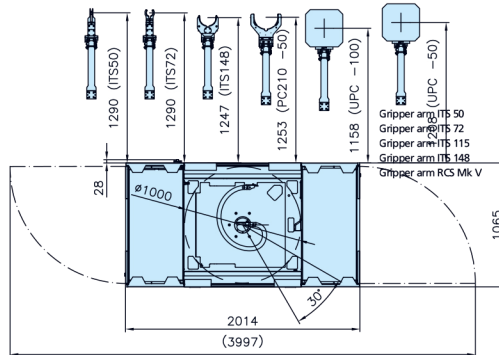
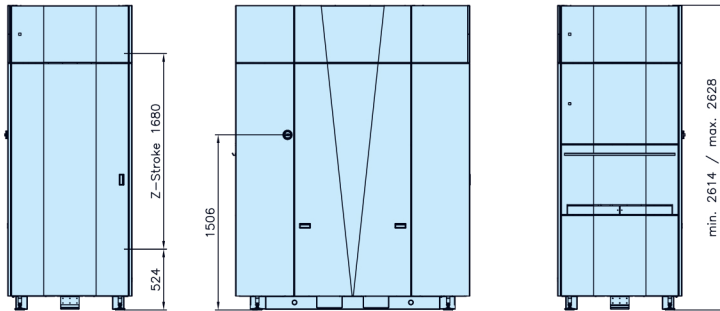
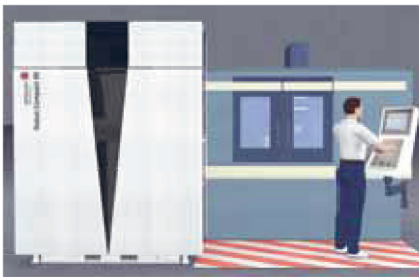
07 | Compact Monobloc construction on a mere 2 m².

08 | Option: DockOn trolley for Robot Compact 80.

Layout example

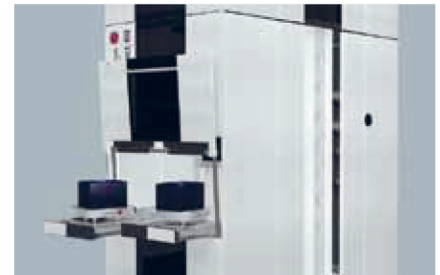
With longer machining times, it is worth using one Robot to serve two machines. The Robot's capacity is put to better use, and precious shop-floor space is optimally utilized.





DockOn

The Robot can often only be placed on the operator's side of the machine. This blocks access for manual work. With the optional „DockOn“ equipment, the facility can simply be moved to the side if the operator wants to do some manual work.

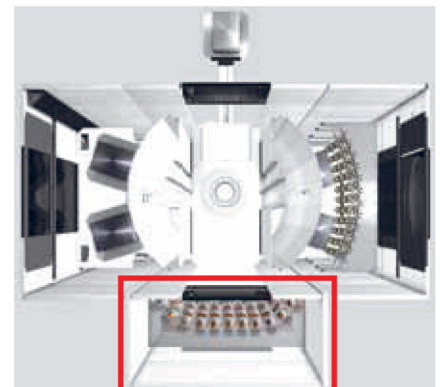


Integrated loading station (option)

To set up big and heavy workpieces at an ergonomically correct height. UPC pallets of up to 80kg in weight can be moved to the loading station, for instance with the help of an underslung crane. At the same time, the Robot continues to operate without any interruption.

Technical Data

| | EROWA Robot Compact 80 | |
|--|--|------------------|
| Transfer weight | 80 kg | |
| Magazine positions | > 200 (> 300 with 3. Magazine / Option) | |
| Magazine levels | 12 per Rack Magazine | |
| Magazinbeladung max. | 1000 kg | |
| Axes electrically powered and controlled | X-stroke 1380 mm | Z-stroke 1680 mm |
| Swivel range, C-axis | 330° | |
| Loading station UPC/PC210 (Option) | yes | |
| Axis control | Electrically controlled axes | |
| Connections | | |
| Pneumatic | | |
| Min. pressure/max. consumption | 5 bar / 150 l/min. | |
| Electrical system | | |
| Voltage (V+PE) | 3x400 | |
| Frequency (Hz) | 50/60 | |
| Power (kVA) | 1.4 | |
| Nominal current (A) | 2.1 | |
| Control system | | |
| Interface | Ethernet Serial RS232 / 422 M-function Parallel I/O Bit | |
| Workpiece identification | EWIS™ Scan | |
| JobManagement | Erowa Manufacturing Control JMS® Pro | |



50% more magazine capacity

The third magazine for the EROWA Robot Compact 80 can be retrofitted quickly, simply and with minimum space requirements.