



EROWA Robot Multi

modern handling for workpieces and electrodes

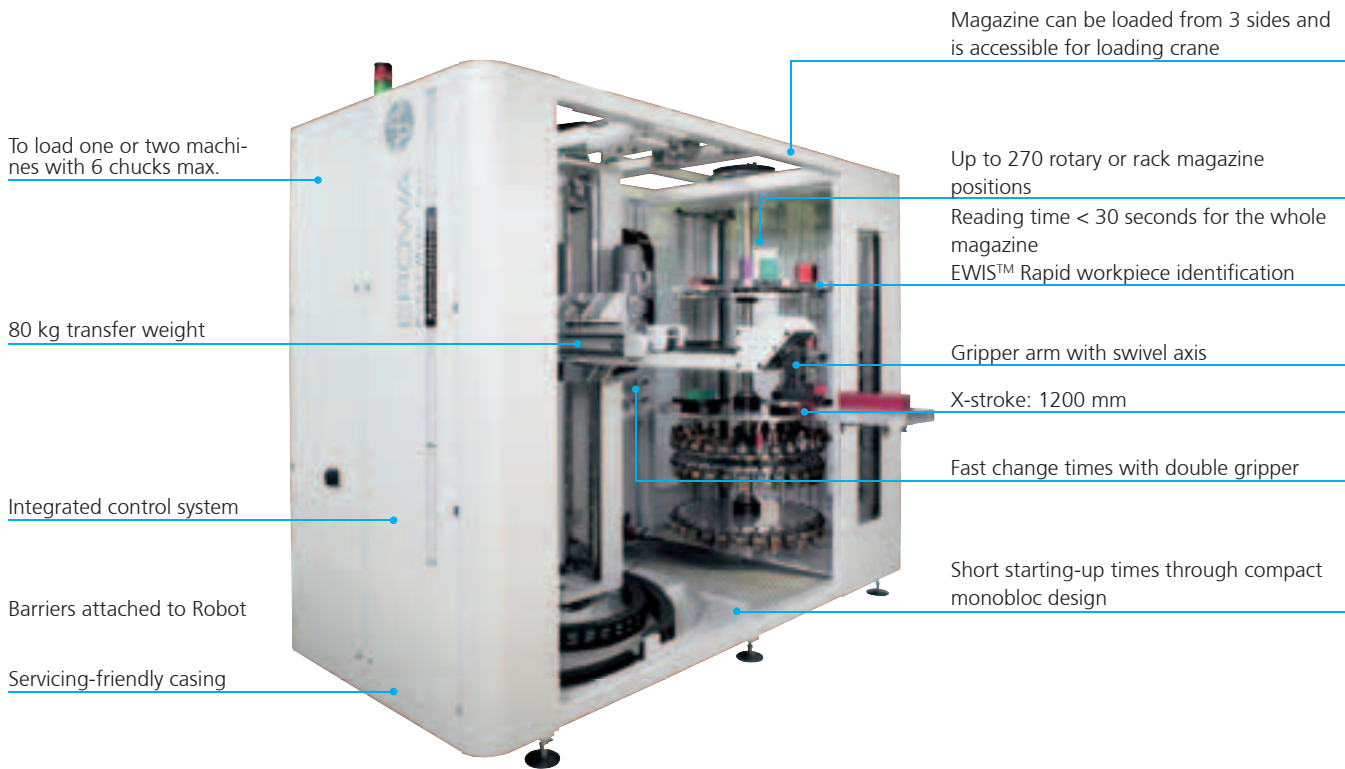
NEW



EROWA®

System solutions from one single source

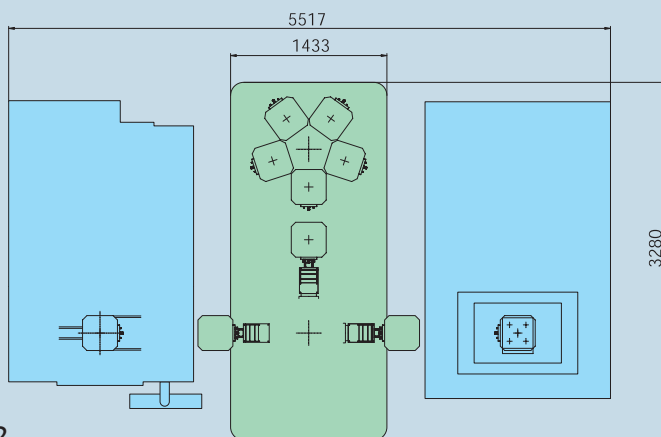
Robot Multi – modern handling



Untis supplied

Robot, consisting of	
Base, control unit, pneumatic system, gripper arm, magazine	Standard.
Gripper	Specific.
Chuck control	
Interface cable	
Magazine plate/rack shelf	
Barrier	
Double gripper	Option.
Doble gripper, exchangeable	
Swivel axis	
EWIS™ Rapid	
Twin (two-machine operation)	

Robot Multi Twin (layout sample)



Technical data

Transfer weight	80 kg
Magazine levels, max.	Rotary: 9 Rack: 9
Magazine load, max.	Rotary: 1500 kg Rack: 1900 kg
Axes	X-stroke: 1200 mm Z-stroke: 1450 mm C: 190°
Electrically driven and controlled	

Pneumatic system

Min. pressure/max. consumption	5 bar / 200 l/min
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Electrical system

Voltage	3x400 V+PE
Frequency	50/60 Hz
Output	3.6 kVA

Control system: Embedded PC

Interface	Serial RS232/422 M-function Parallel I/O Bit
Protocol	EROWA Standard EWIS Various
Remote diagnosis	Yes
Workpiece identification	EWIS™ Rapid
JobManagement	JMS® Pro



Fast workpiece change with double gripper
The gripper is automatically allocated and exchanged correctly.



Automated covers
The chucks remain protected. Operative safety is increased.



Workpiece identification within seconds
EWIS™ Rapid identifies all the cell positions and transmits them to the cell computer.



Logical user guidance
The navigation through the menu structure is as simple as with a mobile phone.



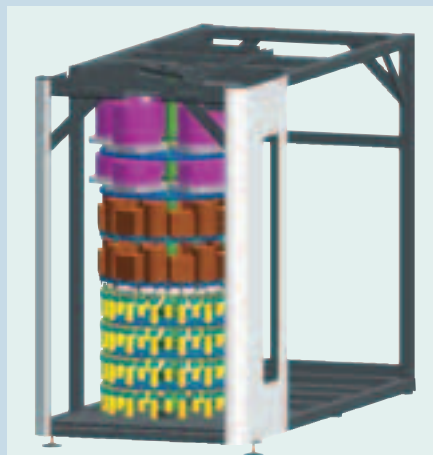
Gripper dock
Grippers and covers are stored outside the workpiece magazine to save space.



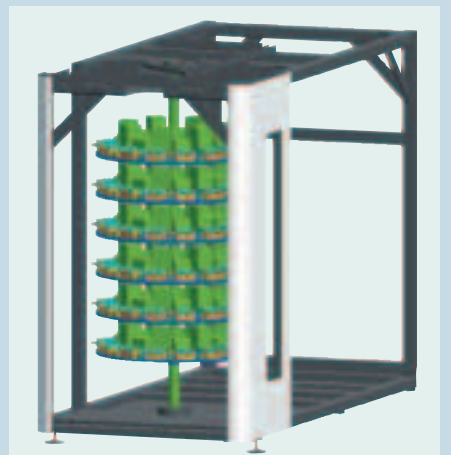
Gripper change
With reference to the tooling system version, grippers are exchanged automatically.



Tool and Die making
Electrode manufacture
90 Electrode holders
45 Workpiece pallets



Tool and Die making EDM
10 Workpiece pallets UPC
30 Workpiece pallets ø 148
120 Electrode holders

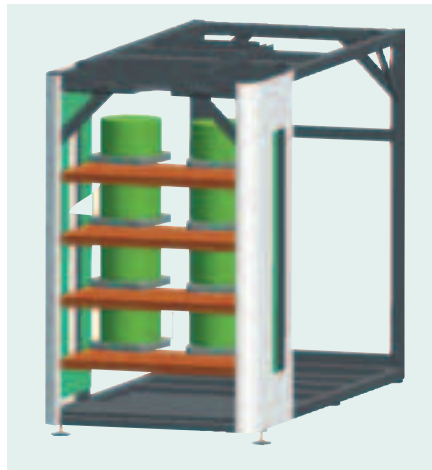


Wire EDM
90 PalletSet W

Robot Multi – versatile in use



Subcontracting work in milling
45 Workpiece pallets ø 148
30 Workpiece pallets PC 210



Big workpieces
8 Workpiece pallets MTS

The selection is large

The magazine configurations presented in these pages were compiled according to our experiences. Further combinations are possible. Important decision-making criteria are the sizes and weights of the workpieces that will have to be loaded into the machine.

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