

DATRON CoboLoad

Expand your production capacity without additional labor costs. While the DATRON CoboLoad takes care of the loading and unloading of the machine, you'll have the capacity for more demanding tasks. The quick docking system enables an easy switch between manual prototype manufacturing and automated serial production. Simple plug and play and intuitive operation guarantee an effortless entry into automation.



Product Highlights

Production Optimization

- Expansion of machine utilization without additional labor costs
- Unmanned production outside of regular working hours
- Relief of technicians in terms of time and physical strain

Component Handling instead of Workpiece Holder Handling

- Saves time, as no manual fastening of the components on workpiece holders is required
- Cost savings by eliminating additional workpiece holders
- No storage of excess workpiece holders

Plug and Play

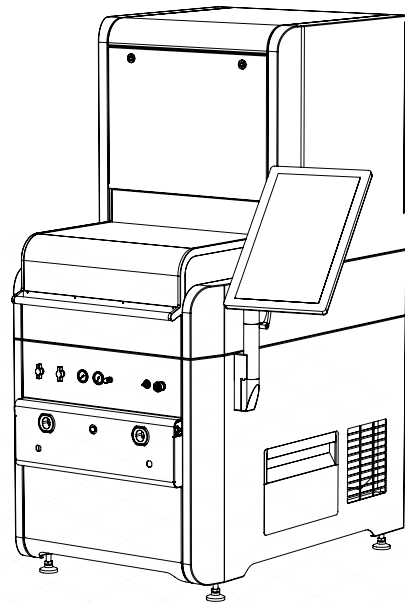
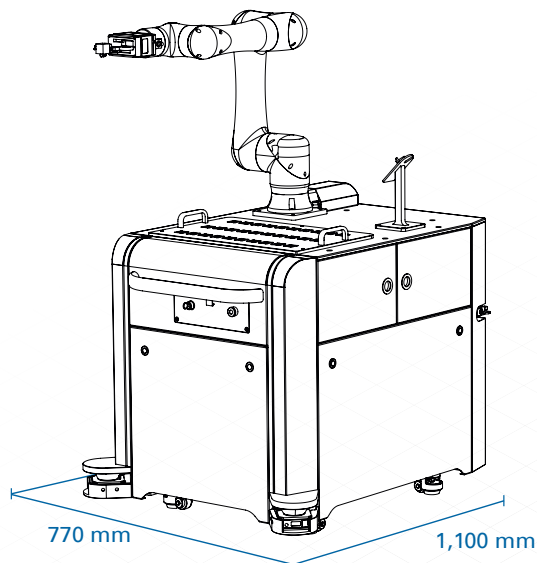
- Easy expansion of your DATRON neo standard machine
- Communication and power supply through plug connection

Hybrid Solution for Flexible Working

- Plug and play principle enable an easy switch between prototype manufacturing (manual) and serial production (automated)
- Minimum downtime thanks to effortless integration and a seamless workflow



Technical Data



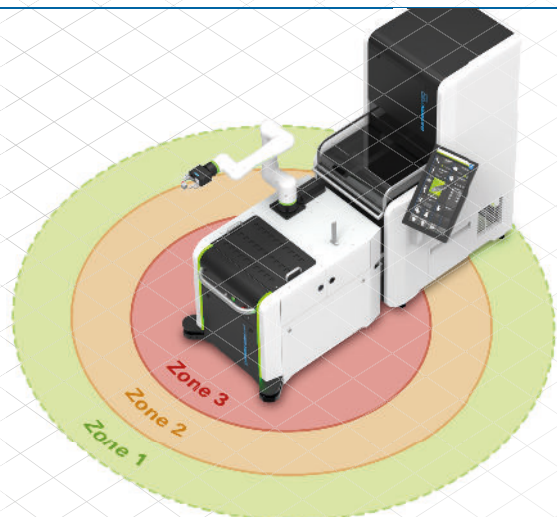
Dimensions (W x L)	770 mm x 1,100 mm
Connected load	220V, 16A
Lifting load, including gripper	5 kg
Range	900 mm
Storage area for workpieces	600 mm x 400 mm
I/O interface	8 standard digital I/Os, optionally expandable
Interfaces	Quick docking system – mechanical, pneumatic, electric
Customized components	Gripper, workpiece tray, clamping points
Workspace safety	Safety zones via laser scanner

Technical Facts

Adaptable safety zones*

- **Zone 1:** No person detected nearby. The DATRON CoboLoad operates at maximum speed in its defined process.
- **Zone 2:** Person detected nearby. The DATRON CoboLoad works at a reduced or safe speed in its defined process.
- **Zone 3:** Person detected in immediate proximity. The DATRON CoboLoad stops and waits until the person has left zone 3. After that, it automatically switches to zone 2 and work continues at a safe speed.

*According to safety standard and local obstacles



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