

DLyte 100PRO Automation

This equipment performs automated edge-preparation, smoothing, polishing, coating polishing, droplets removal and decoating of cutting tools without human intervention as every operation is performed by the robotized arm and the parts loading cobot for a total integration in high volume production lines.

It seamlessly covers loading and unloading, treatment, and even post-dip cleaning, ensuring precision, repeatability, and quality– every time.

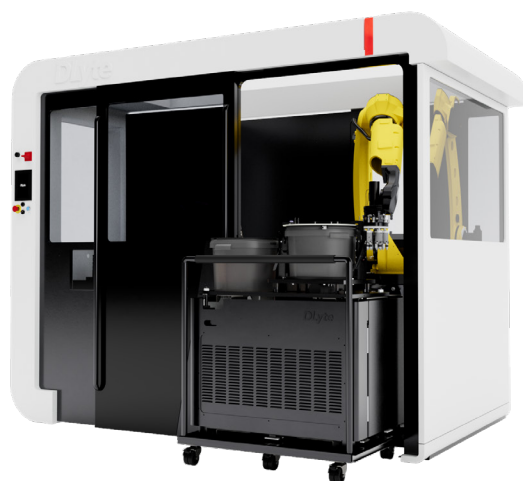
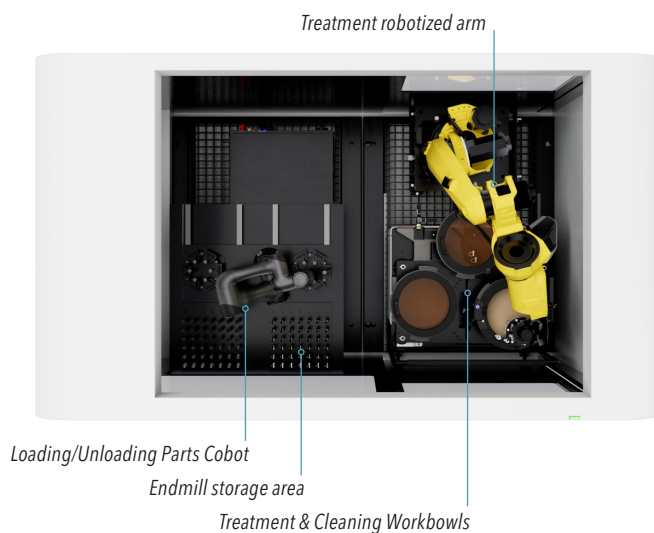


Dry electropolishing process: Fast, reliable and homogeneous with times of just 30–180 seconds.

Capacity for over 300 tools, enabling autonomous treatment without human intervention during more than 2 hours.

FEATURES

- + High productivity, up to 6 pieces per cycle
- + Fast processes, edge-preparation within 2 minutes and polishing within 15 minutes
- + Fully automated workpiece loading and unloading through cobot
- + Integrated automatic cleaning system
- + For different tool lengths and diameters
- + Simple programming for different batch sizes



The DLyte 100PRO automation is available in 2 versions:

+ **100PRO Automation** for metal parts including materials of Steel group, Cobalt-chrome, Titanium group, Copper based alloys group, Nickel based alloys group and Aluminium group materials.

+ **100PRO Carbide Automation** for Hard Metals, Steel group, Cobalt-chrome, Titanium group, Copper based alloys group, Nickel based alloys group and Aluminium group materials.

The equipment includes conductivity calibration probes and refrigeration system for Dry Suspension processes.

DLyte 100PRO Automation +



Automated storage

This equipment performs automated edge-preparation, smoothing, polishing, coating polishing, droplets removal and decoating of cutting tools without human intervention as every operation is performed by the robotized arm and the parts loading cobot for a total integration in high volume production lines.

It seamlessly covers loading and unloading, treatment, and even post-dip cleaning, ensuring precision, repeatability, and quality– every time. The equipment has an additional automated storage capacity of 1,000 parts.

Dry electropolishing process: Fast, reliable and homogeneous with times of just 30–180 seconds.

Capacity for over 1,300 tools, enabling autonomous treatment without human intervention during more than 8 hours.

* thanks to the additional automated storage capacity.

The DLyte 100PRO automation is available in 2 versions:

+ **100PRO Automation +** for metal parts including materials of Steel group, Cobalt-chrome, Titanium group, Copper based alloys group, Nickel based alloys group and Aluminium group materials.

+ **100PRO Carbide Automation +** for Hard Metals, Steel group, Cobalt-chrome, Titanium group, Copper based alloys group, Nickel based alloys group and Aluminium group materials.

FEATURES

- + High productivity, up to 6 pieces per cycle
- + Fast processes, edge-preparation within 2 minutes and polishing within 15 minutes
- + Fully automated workpiece loading and unloading through cobot
- + Integrated automatic cleaning system
- + For different tool lengths and diameters
- + Simple programming for different batch sizes

The equipment includes conductivity calibration probes and refrigeration system for Dry Suspension processes.

DLyte 100PRO Automation Dual



Manual station

This equipment performs simultaneously manual and fully automated edge-preparation, smoothing, polishing, coating polishing, droplets removal and decoating of cutting tools without human intervention as every operation is performed by the robotized arm and the parts loading cobot for a total integration in high volume production lines.

It seamlessly covers loading and unloading, treatment, and even post-dip cleaning, ensuring precision, repeatability, and quality– every time.

Dry electropolishing process: Fast, reliable and homogeneous with times of just 30–180 seconds.

Capacity for over 300 tools, enabling autonomous treatment without human intervention during more than 2 hours.

The DLyte 100PRO Automation Dual is available in 2 versions:

+ **100PRO Automation Dual** for metal parts including materials of Steel group, Cobalt-chrome, Titanium group, Copper based alloys group, Nickel based alloys group and Aluminium group materials.

+ **100PRO Carbide Automation Dual** for Hard Metals, Steel group, Cobalt-chrome, Titanium group, Copper based alloys group, Nickel based alloys group and Aluminium group materials.

The equipment includes conductivity calibration probes and refrigeration system for Dry Suspension processes.

FEATURES

- + High productivity, up to 6 pieces per cycle
- + Fast processes, edge-preparation within 2 minutes and polishing within 15 minutes
- + Fully automated workpiece loading and unloading through cobot
- + Integrated automatic cleaning system
- + For different tool lengths and diameters
- + Simple programming for different batch sizes