DLyte10,000_Rev D_0524_EN



DLyte 10,000

DLyte10,000 is the most powerful DLyte modular unit for polishing large pieces and complex geometries. Based on the patented dry electropolishing DryLyte Technology, the robot module allows to treat metals and alloys in a fast, cost efficient way. To achieve the highest quality results in complex and heavy pieces, it combines the DryLyte Technology with a precise 6-axis mechanical movement, to improve workpieces' surface.

FINISHING PROCESSES

+ **Precision finishing**
+ **Smoothing**
+ **Mirror finishing**
+ **Deburring**
+ **Rounding**
+ **Corrosion resistance**
+ **AM post-processing**
+ **Inner channels**

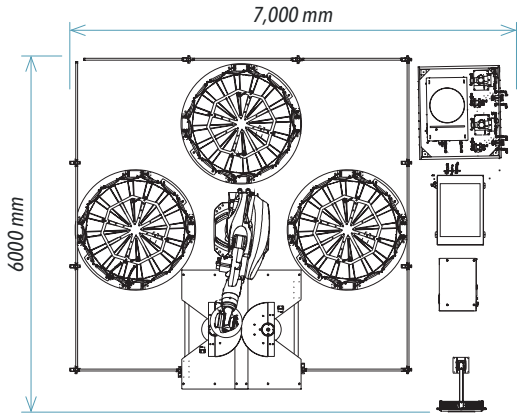
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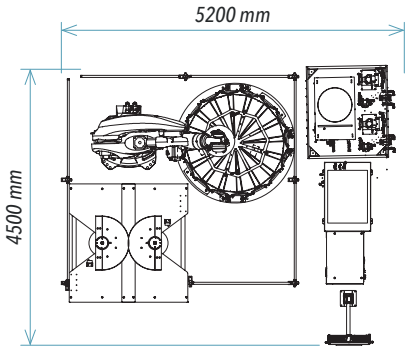
01. MACHINE SPECIFICATIONS

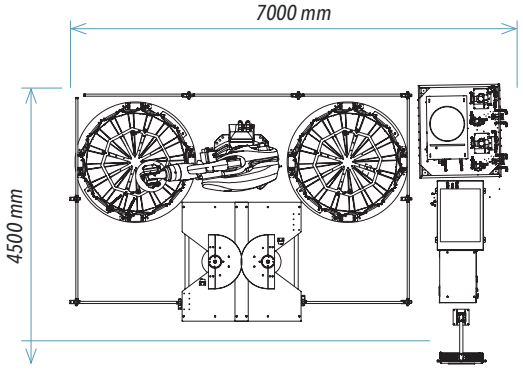
TECHNICAL DATA	Capacity (per cycle)	*750 Ø x 600 mm (one piece centered to the robot axis).*
	Operating height	*4,500 mm*
	Operating layout *(Front / Side)*	*5,718 x 4,507 mm* *(Recommended safety area: 8,110 x 9,307 mm)*
	Floor requirements	*It is recommended that the quality of the concrete must meet the requirementsof the following standard: C20/25 according to DIN EN 206-1:2001/DIN 1045-2:2001 for a weight machine of 7,450 km without the scaffold (950 kg).*
	Electrolyte capacity	*1,400 L*
	Power consumption	*55 kw (125A)*
	Power supply	*380-400 V~ ± 10% (3P+N+PE)*
	Main line air supply	*Main line: 6–7 bar (air connector: Ø 16 mm)* *Consumption of 2,300 L/min.* *Air quality must be 1.5.1 according to ISO 8573.*
	Distilled water	*70 L*
	Ventilation	*The unit must be installed in a well-ventilated area. Otherwise, a forced ventilation system must be installed on top of the unit.*
	Electrolyte temperature operating	*15 °C to 50 °C*
	Electrolyte storage	*5 °C to 40 °C (See expiration date)*

02. TECHNICAL DRAW

There are three configurations available, encompassing one, two, or three tanks, allowing for the combination of processes and parts cleaning operations.







* This product is protected by one or more of the following patents and patent applications: Patents https://www.gpainnova.com/patents

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