

PDS Robots

**POLY DISPENSING SYSTEMS**  
SYSTEMES DE DOSAGE INDUSTRIEL

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POLY DISPENSING SYSTEMS has a complete, fast and efficient knowledge for ready-to-use robotic dispensing solutions.

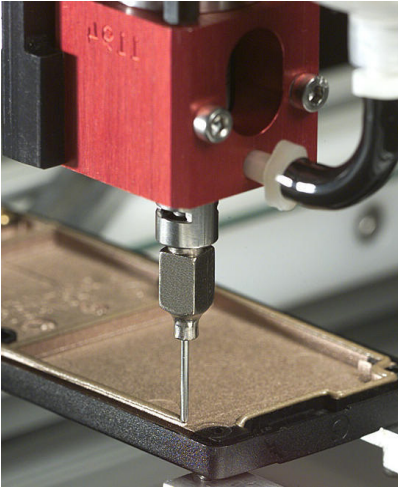
Our robots provide our customers with a competitive advantage by increasing quality and productivity in their manufacturing process.

Our cartesian robots are available in 3 or 4 axes and have displacement capacities going from 200 to 700mm.

These robots are perfectly designed to be integrated into a production line. It can be associated with the appropriate dispensing system and can perform several types of applications: dots, lines, potting, filling, underfilling, encapsulation, sealing, coating, jetting.

## Properties of different PDS robots

	PDS - 200 - 3	PDS - 300 - 3	PDS - 400 - 3	PDS - 700 - 3	PDS - 500- 3
<b>XYZ Robot Working Area / mm</b>	200/ 200/ 50	300/300/100	400/400/100	700/400/100	500/500/150
<b>Load Y-AXIS / Z-AXIS</b>	4KG /2KG	10KG / 5KG	10KG / 5KG	6 KG/3 KG	10KG/5KG
<b>Maximum speed</b>	500 x 200	500/200	500 x 200	500 x 200	500 x 200
<b>Repeatability</b>	± 0.02mm/ Axis	± 0.002mm/ Axis	± 0.02mm/ Axis	± 0.02mm/ Axis	± 0.02mm/ Axis
<b>Resolution</b>	± 0.001mm / Axis	± 0.01mm / Axis	± 0.001mm / Axis	± 0.001mm / Axis	± 0.001mm / Axis
<b>Data Memory</b>	100 programs 4000 points/ program	100 programs 4000 points/ program	100 programs 4000 points/ program	100 programs 4000 points/ program	100 programs 4000 points/ program
<b>Drive System/Stepping Motor</b>	3- Phase	3- Phase	3- Phase	3- Phase	3- Phase
<b>Motion Control</b>	PTP & CP	PTP & CP	PTP & CP	PTP & CP	PTP & CP
<b>Programming method</b>	Teach Pendant «included»	Teach Pendant «included»	Teach Pendant «included»	PTP & CP «included»	Teach Pendant «included»
<b>I/O Signals</b>	8 Inputs /8 Outputs	8 Inputs /8 Outputs	8 Inputs /8 Outputs	8 Inputs /8 Outputs	8 Inputs /8 Outputs
<b>External interface</b>	RS232	RS232	RS232	RS232	RS232
<b>Power Supply</b>	230VAC	230VAC	AC 95-132V, AC 180-250V	AC1 10-220V 320W	AC 95-132V, AC 180-250V
<b>Working Temperature</b>	10 - 40 C°	10 - 40 C°	10 - 40 C°	0 - 40 C°	10 - 40 C°
<b>Working Relative Humidity</b>	20 - 90 % no condensation	20 - 90 % no condensation	20 - 90 % no condensation	10 - 90 % no condensation	20 - 90 % no condensation
<b>Dimensions</b>	330x500x455 mm	480x500x600 mm	585x600x600 mm	885x600x600 mm	685x698x746 mm
<b>Weigh</b>	15 KG	32 KG	40 KG	50 KG	46KG



PDS S.A.S is a french company that commercializes a wide range of dosage equipments, proven and effective.

Distributed in over 20 countries around the world, these equipments provide tailored solutions to many users in order to improve technically their manufacturing and reduce their productions costs.

Our collaborators and sales engineers have strong technical competences. They are able to answer your questions and offer you, after analysis, the right solution for your particular need.

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- NON CONTRACTUAL DOCUMENT -

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