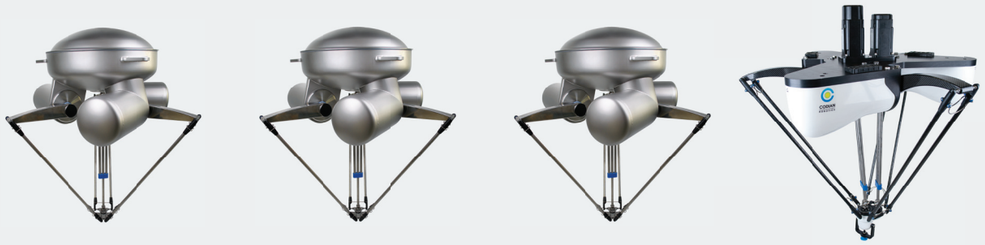
Codian Robotics delta Pick & Place Robots



D4-800-HD	D4-1100-HD	D4-1300-HD	D5-800
Max cycles 180 p/min	Max cycles 150 p/min	Max cycles 120 p/min	Max cycles 130 p/min
Max payload 3kg	Max payload 3 kg	Max payload 3 kg	Max payload 1,5 kg
Rated working range Ø 800 x 250mm	Rated working range Ø 1100 x 250mm	Rated working range Ø 1300 x 250mm	Rated working range Ø 800 x 250mm
Rotation axis optional	Rotation axis optional	Rotation axis optional	Rotation axis optional



D5-1100	D5-1300
Max cycles 125 p/min	Max cycles 120 p/min
Max payload 1,5 kg	Max payload 1,5 kg
Rated working range Ø 1100 x 250 mm	Rated working range Ø 1300 x 250 mm



Codian Robotics
Wildeman 2

3905 TL Veenendaal
The Netherlands

Tel. nr.: +31 (0)318 502 671
Fax nr.: +31 (0)318 502 762



Codian Robotics

Innovative Robot Technology

For over 13 years now the proven concept of the Codian robot has been very successful on the international market. Our customers are located in most European countries, Australia, Asia, North- and South-America.

The Codian delta pick & place robots can be controlled by many different PLC and motion control systems. Through this unique feature, we meet the needs of a growing demand from the market, to have one integral control system for the machine. This has a favourable influence on purchase price, maintenance costs and physical space. At the same time no communication is required between two control systems of different manufacturers and `real time´ information is always available.

The Codian delta pick & place robots are ideal for high speed toploading processes.
The gearboxes and servo motors are mounted on the robot frame and all moving parts have a lightweight construction. This allows the Codian robots to be fast and dynamic.

Codian Robotics works with suppliers of servo motors and control systems worldwide. The Codian delta pick & place robots are supplied with planetary gearboxes, and - if required - with servo motors.

The Codian delta pick & place robots are specifically suited for the packaging industry, as well as for the pharmaceutical, automotive and food industry.

On the next pages you will find a survey of the Codian delta pick & place robots. On our website additional and more specific information can be found.

We will gladly inform you the several possibilities and advise which robot is the most suitable for your application.

Kind regards,

Team Codian Robotics





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D5-800/D5-1100/D5-1300 Pick & Place Robot

The Codian D5 series five-axis delta robots are specially designed for high speed toploading pick & place processes. The chosen concept with 2 parallel axis result in the fastest most robust delta pick & place robot with five axis in the world.



D2-800	D2-1000	D2-1000-TWIN	D2-1500
Max cycles 200 p/min	Max cycles 50 p/min	Max cycles 40 p/min	Max cycles 45 p/min
Max payload 3 kg	Max payload 30 kg	Max payload 40 kg	Max payload 35 kg
Rated working range 800 x 225mm	Rated working range 1000 x 342mm	Rated working range 1000 x 342mm	Rated working range 1500 x 347mm
Rotation axis optional	Rotation optional		Rotation optional



D4-500-2	D4-800-2	D4-1100-2	D4-1300-2
Max cycles 200 p/min	Max cycles 200 p/min	Max cycles 180 p/min	Max cycles 150 p/min
Max payload 2 kg	Max payload 3 kg	Max payload 3 kg	Max payload 3 kg
Rated working range Ø 500 x 155mm	Rated working range Ø 800 x 250mm	Rated working range Ø 1100 x 250mm	Rated working range Ø 1300 x 250mm
Rotation axis optional	Rotation axis optional	Rotation axis optional	Rotation axis optional



D4-1300-HP	D4-1300-HPL	D4-1600	D4-1600-L
Max cycles 110 p/min	Max cycles 130 p/min	Max cycles 100 p/min	Max cycles 120 p/min
Max payload 20 kg	Max payload 10 kg	Max payload 12 kg	Max payload 8 kg
Rated working range Ø 1300 x 300mm	Rated working range Ø 1300 x 300mm	Rated working range Ø 1600 x 350mm	Rated working range Ø 1600 x 350mm
Rotation axis optional	Rotation axis optional	Rotation axis optional	Rotation axis optional