



**CODIAN**  
ROBOTICS

LOGICAL INNOVATION FOR  
PICK AND PLACE ROBOTICS

## D2-800

The Codian Robotics D2-800 two- or three-axis delta robot is ideal for high speed toploading pick & place processes. The proven concept design with a minimum of mechanical components results in a high quality robot.

The parallel kinematic design is clean, fast and silent. The D2-800 is designed to perform with payloads up to 3 kg and has a working envelope of 800 mm. The robot can be controlled by many different PLC and motion control systems.

- Open platform for servo motors and control systems
- ISO mount gripper interface
- Materials: carbon fibre, stainless steel, anodized aluminium, plastic
- Zero footprint
- Low maintenance, easy accessible



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## D2-800

THE NEW STANDARD FOR PICKING AND PLACING

### SPECIFICATIONS

Kinematic Structure:	delta type
Degrees of freedom:	2+1*
Protection:	IP 65
Noise Level:	< 70 dB(A)
Weight:	40 kg

\* with optional rotation axis

### PERFORMANCE

Rated working range:	800 x 225 mm
Rotation (RZ):	angle unlimited*
Payload:	3 kg
Pick and Place actions:	max. 200 p/min
Position repeatability X,Y,Z:	± 0.2mm
Angular repeatability RZ*:	± 0.1°
Limitation rotation torque*:	16 Nm

\* with optional rotation axis

### WORKING AREA

