



CODIAN
ROBOTICS

LOGICAL INNOVATION FOR
PICK AND PLACE ROBOTICS

D2-1000-TWIN

The Codian Robotics D2-1000-TWIN two-axis delta robot is ideal for high speed topleading pick & place processes. The robot consists of a double D2-1000 mechanic. This enables the application of stable (long) end-effectors on high speeds. 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 D2-1000-TWIN is designed to perform with high payloads up to 40 kg and has a working envelope of 1000 mm. The robot can be controlled by many different PLC and motion control systems.

- Open platform for servo motors and control systems
- Materials: carbon fibre, stainless steel and anodized aluminium
- Zero footprint
- Almost maintenance free, easy accessible



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D2-1000-TWIN

THE NEW STANDARD FOR PICKING AND PLACING

SPECIFICATIONS

Kinematic structure:	delta type
Degrees of freedom:	2
Protection:	IP 65
Noise level:	< 70 dB(A)
Weight:	200 kg

PERFORMANCE

Rated working range:	1000 x 342 mm
Payload (max.):	40 kg
Pick and Place actions:	max. 40 p/min
Position repeatability X,Y,Z:	$\pm 0.3\text{mm}$

WORKING AREA

