



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 toploding 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: | ± 0.3 mm |

WORKING AREA

