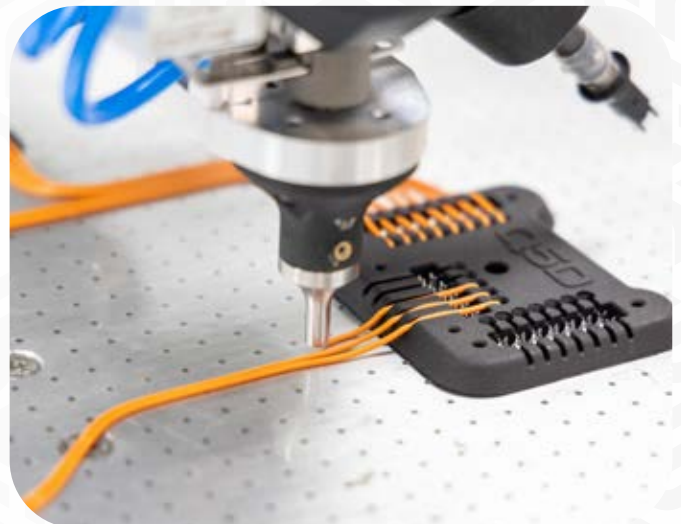





Flexible, accurate & fully enclosed




Robotic wire harness manufacturing

Automation equipment that transforms electrification, solves labour shortage & shortens supply chains



Versatile 5-axis platforms with interchangeable assembly tools

-  Reduce labour
-  Improve quality
-  Save costs

-  Simplify supply chain
-  Digitize manufacturing
-  Onshore production

Model: CY10W1



Machine size

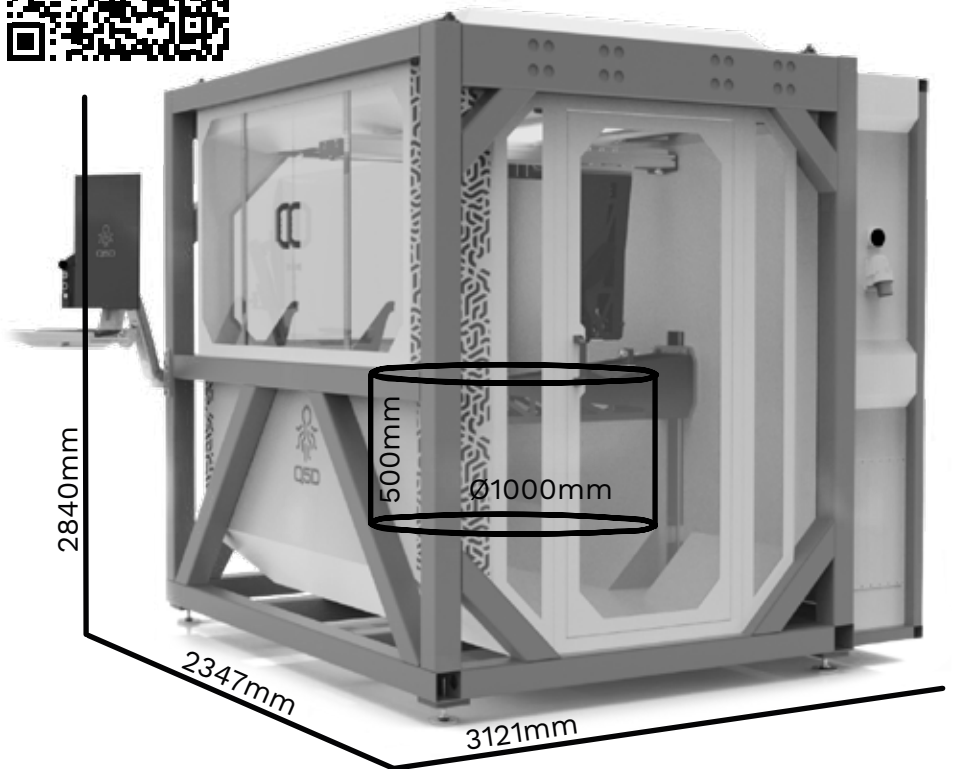
Length (plus HMI)	2121mm
Depth	2347mm
Height (inc status)	2840mm
Weight	2500kg

Build envelope

Cylinder diameter	1000mm
Height	500mm
Max. part weight	40kg

Service clearance

Above	200mm
Front (HMI)	1000mm
Rear (services)	1000mm
Right (load)	1200mm
Left (glue access)	1000mm
Floor loading 4 pads ø170mm	625kg EACH



Operating environment

Temperature range	20-25 °C
Humidity range	40-60% RELATIVE
Electrical supply	240V AC (+6% / -10%), 50Hz
Compressed air	6BAR

Core functions

- 5-axis motion platform
- Integrated HMI
- 3 toolchange positions
- Laser distance measure
- Vacuum fixturing

Designed to integrate with

- Strip and crimp machinery
- Large quantity consumable feeds
- Automated QA/QC systems
- Laser or inkjet wire marking
- Automated load/unload

End-effector selection

- HI14A2 - Insulated wire deposition 1.4mm OD
- HI16A2 - Insulated wire deposition 1.6mm OD
- HPADA2 - Hot glue head 400 to 20,000 mPas@20 to 200°C / 68 to 392°F
- HT11A2 - IDC press 550N with hex tool holder
- HPT1A1 - Probe head ±2µm

Wire range and type constantly evolving

- Insulated wire range 0.35 to 4.0mm OD
- Solid core, stranded wire
- Bare or coated wire
- Twisted pair
- Consumables & integrations subject to TAC assessment

SPECIFICATIONS ARE FOR REFERENCE ONLY