



Smart automation for maximum production

Automate the loading and unloading of sheet metal parts with the Qube 50D/90D. Thanks to its design with space for 4 or 6 pallets, maximum unmanned production time is achieved. Sheet metal parts weighing up to 50 or 90 kg are processed fully automatically in combination with the finishing machine. Thanks to batch mode and the smart Qube concept, pallets can be exchanged during the finishing process without affecting process time.

- ✓ 3D vision camera for recognition and picking of undefined products
- ✓ Multi-pallet setup for 4 or 6 pallets
- ✓ Gripper with vacuum or magnetic fixation
- ✓ Connected input/output table for batch production
- ✓ Recognition of length direction and angle rotation
- ✓ Option: Qconnect+ for ERP system integration
- ✓ Option: Qconnect+ for AGV integration



HANDLING



ROBOT



TRANSPORTATION

Qube

Available as	Qube 50D/90D I/O/M
Maximum workpiece weight	50 kg or 90 kg
Product fixation	Vacuum or magnet system
Minimum product thickness	1 mm
Maximum product thickness	25 mm
Minimum product dimensions	120 x 120 mm
Maximum product dimensions	1200 x 800 mm
Machine power supply	400 V 50 Hz 32 A
Pallet size	1200 x 800 mm
Number of pallets	4 or 6
Pallet position	Double-sided
System	Load (I) Unload (O) Load and unload (M)
Surface dimensions (L x W)	3000 x 1200/1500 mm
Load unit dimensions (L x W x H)	5080 x 6993 x 3650 mm
Unload unit dimensions (L x W x H)	5400 x 6993 x 3650 mm
Suitable for	F1200, F1500, M1200, M1500, SER1200 and SER1500



INFO QUBE 50D



INFO QUBE 90D