

QuickLoad¹⁰⁰

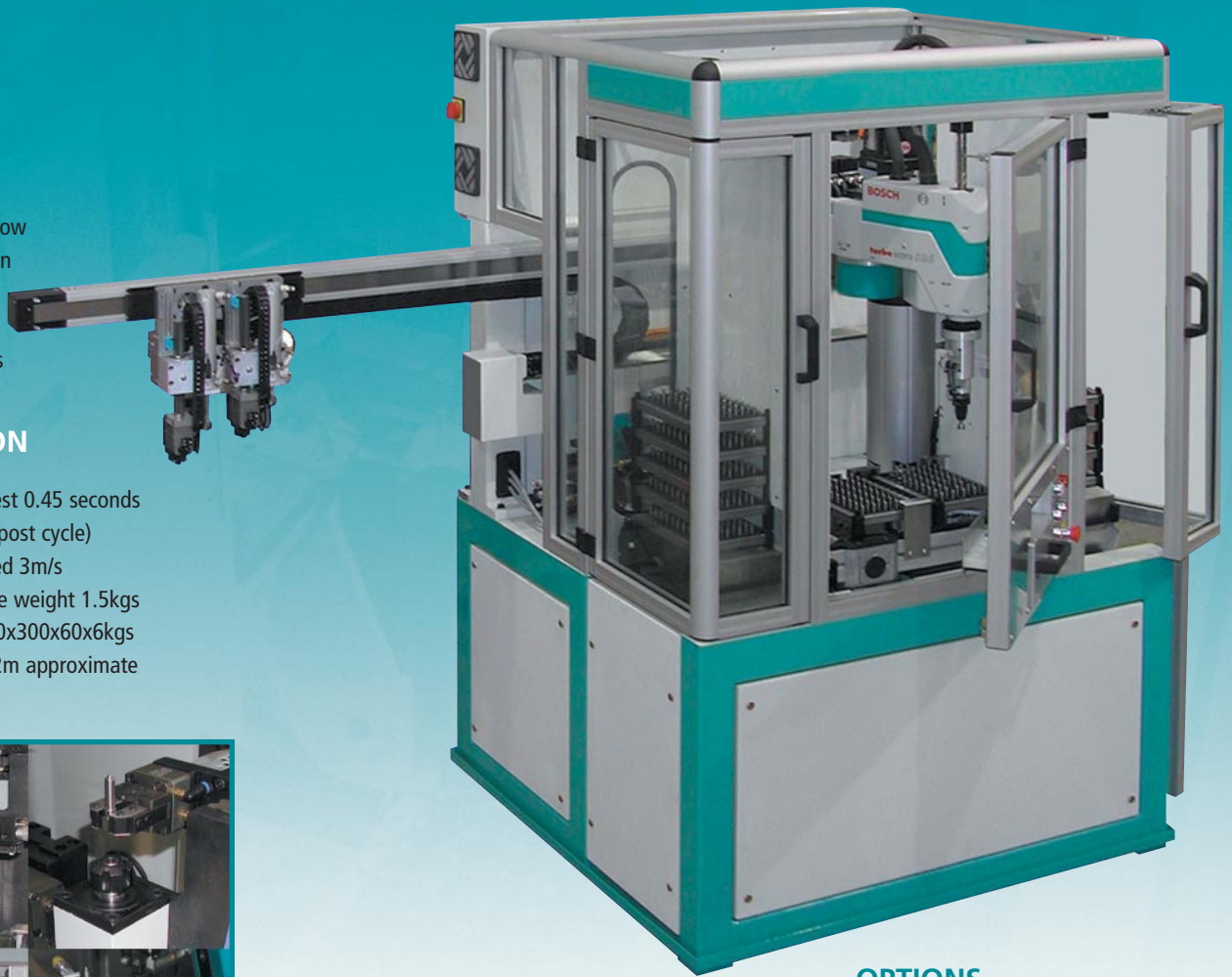


FEATURES

- High speed
- Compact footprint
- Rugged and Simple
- Small load-rail window
- Modular construction
- Standard parts
- Sample drawer
- Secondary processes

SPECIFICATION

- Robot benchmark test 0.45 seconds (30cm x 2.5cm goalpost cycle)
- Load-rail linear speed 3m/s
- Maximum workpiece weight 1.5kgs
- Maximum pallet 300x300x60x6kgs
- Footprint 1.2m x 1.2m approximate



OPTIONS

PICK-AND-PLACE:
Application specific using off-the-shelf parts

GAUGING:
Bore, OD, Length, pre- or post-process

ROBOT HAND:
Single gripper, double gripper, indexing

WASH UNIT:
Single part, wash and air-blast

VISUAL INSPECTION:
For dimensional check, ID, orientation

DE-BURRING:
Using rotary brush-bore, OD, face

FEEDING:
Vibratory parts feed

MARKING:
Vibratory stylus, laser

DEDICATED yet FLEXIBLE – the concept behind the QL machine loader series. Once a loader is married to its partner in productivity, it's 'for better or for worse; in sickness and in health'. Separation is Unthinkable. Your machine tool doesn't just need feeding: there are other little jobs – cleaning, polishing, keeping an eye on things... and when the time comes for a change – KISS.

Yes, we've kept it simple. The control is a standard 'Bosch IQ200'. Your engineers won't waste time learning a programming protocol they'll never use again. Construction is modular, and the modules are elementary. For example, each pallet stacker is controlled with just one input, one output. Considering the compact footprint, there's a wide open space for the inclusion of an array of secondary process modules. Today you need a gauge unit and a wash station, tomorrow... who knows?

That's why you need the QL

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CURTIS MACHINE TOOLS LTD

PARTS HANDLING SYSTEMS

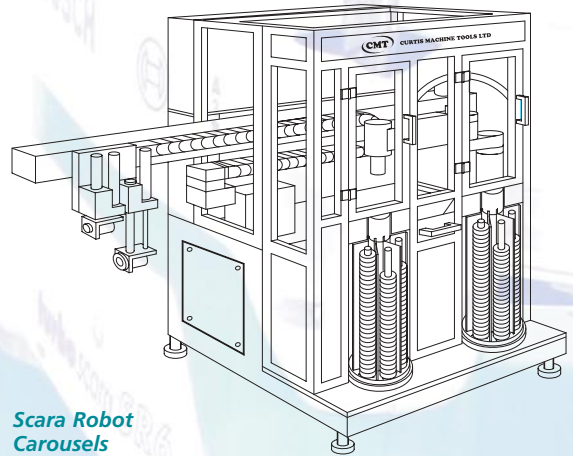
MODULAR CONSTRUCTION

MODULES

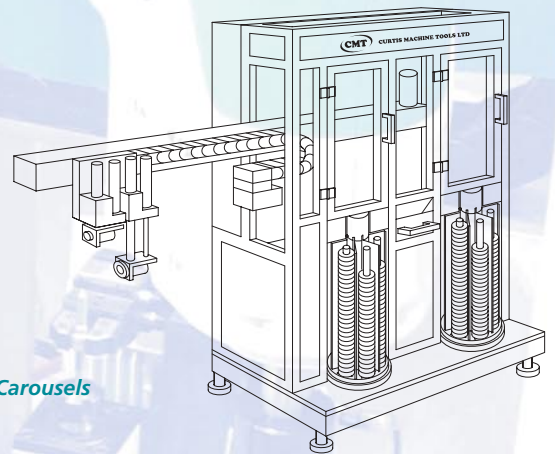
Linear Rails
Scara or 6 Axis Robot
Pallet Stackers
Carousels
Conveyors
Walking Beam
Vibratory Feed
Pick and Place

ANCILLARY

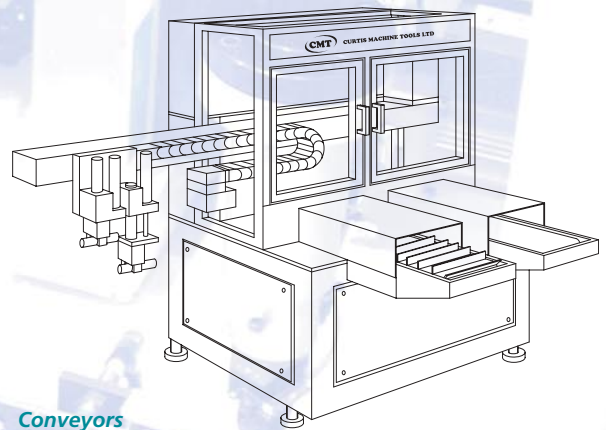
Gauging
Wash
Marking
Assembly
Deburr
Function Test
Vision



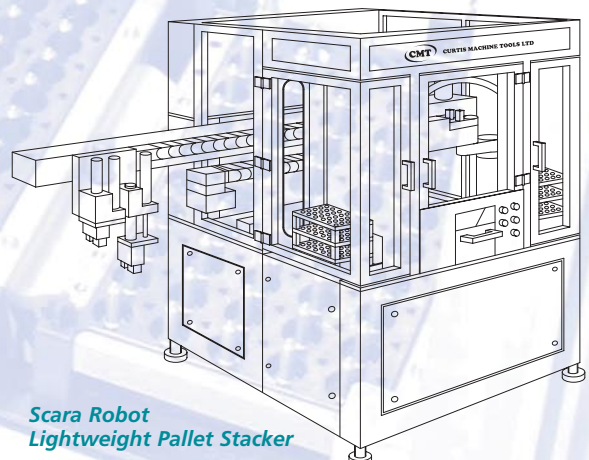
Scara Robot
Carousels



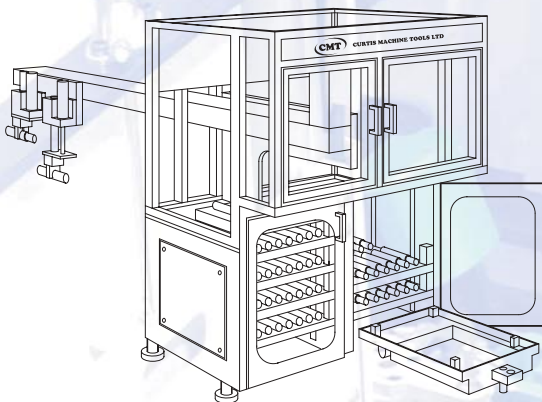
Carousels



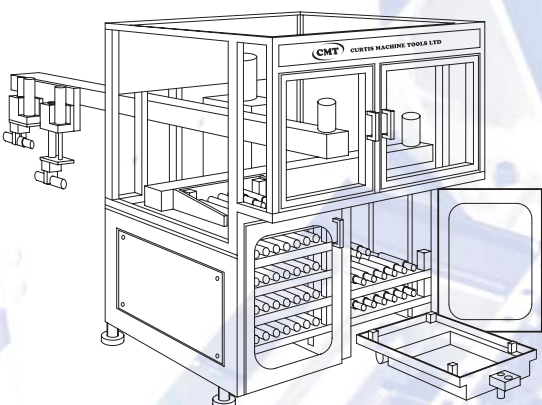
Conveyors



Scara Robot
Lightweight Pallet Stacker



Medium Duty Pallet Stacker Style 1



Medium Duty Pallet Stacker Style 2

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