

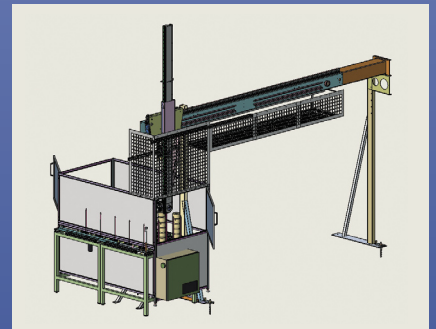
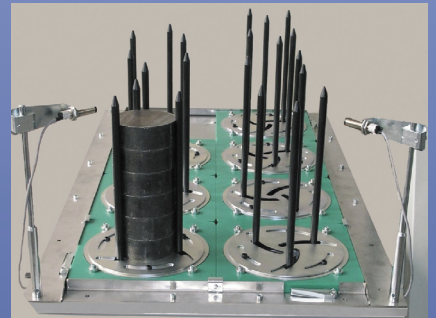
GL200 GANTRY LOADING SYSTEM



VARIABLE SYSTEM ASSEMBLED TO CUSTOMER'S REQUEST

Loading system GL 200:

- ➔ Overhead gantry assembly including end stanchions, horizontal beam, mast, 90° & 180° indexing head with dual load & unload gripper.
- ➔ Workpiece management magazine system.
- ➔ Standard 13 pallets with quick diameter adjustable guides to stack cylindrical workpieces. Optional feed-in systems for non stackable workpieces e.g. conveyor system.
- ➔ Yaskawa's MP2300 control system.



Accessories and equipment for advancement and automation of machining



CNC TECHNOLOGY s.r.o.

Run your machine unattended, days, nights, weekends

Outputs more per hour than your fastest operator

Sets up in just 15 min for new jobs, 5 min for repeats

Features:

Designed to retrofit to existing or new stock machines.

Job changeover downtime (similar cylindrical workpieces that use same gripping hand) = 15 minutes.

Load or unload main or sub-spindle.

Servo torque mode allows loading varying workpiece blanks and aids in seating workpiece in chuck jaws.

Runs stackable parts standard. Optional custom made solutions permit non-stackable parts.

Permits installation at either end of machine.

Specifications standard loading system:

Workpiece diameter = 35 – 200 mm; workpiece length (Z) = 100 mm

Workpiece weight = 5 kg per workpiece

Magazine workpiece stack height = 300 mm or 25 kg

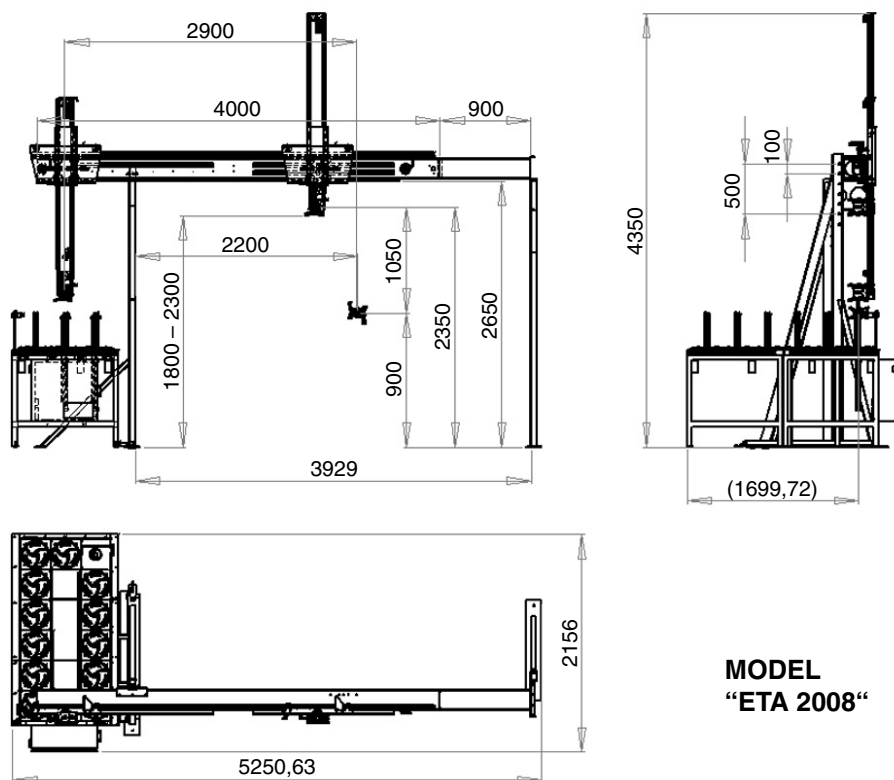
Overhead clearance required – 4000 mm.

Machine to gantry interface: Uses short magazine barfeed interface or robot interface.

(Requires M-code with completion input, chuck open, automatic, and E-stop circuit signals.)

Reload time from staging point above machine door (move to chuck, unload finished part,

load blank, back to staging point) = 12 seconds + chuck open-close time.



Main dimensions

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