

EQUIPMENT SPECIFICATION

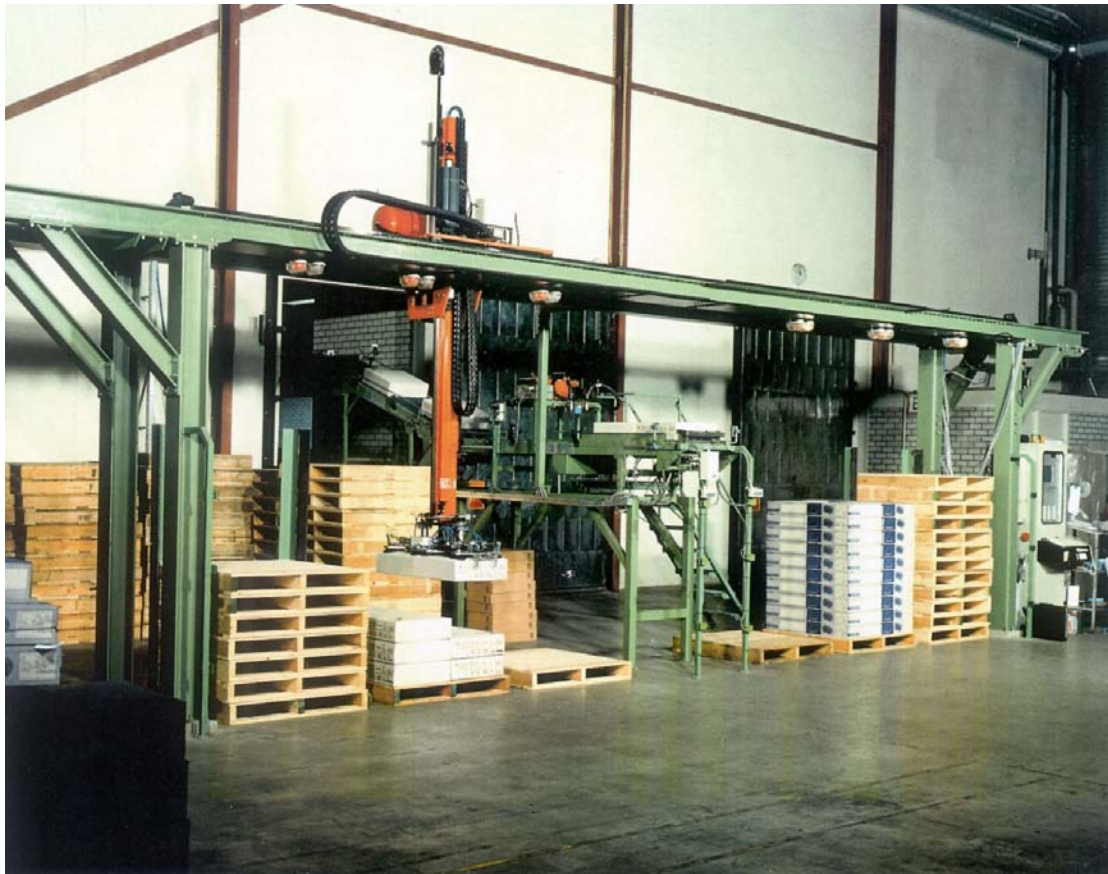
GENERAL OVERVIEW – GANTRY ROBOT

A gantry robot consists of a manipulator, sometimes called an end effector but usually a gripper, mounted onto an overhead system that allows movement across a horizontal plane.

Gantry robots are also called Cartesian or linear robots. They are usually large systems that perform pick and place applications, and are used extensively in palletising, depalletising and other applications.

Gantry robot systems provide the advantage of large work area coverage and better positioning accuracy. Position accuracy is the ability of the robot to place a part correctly within very tight tolerances.

Gantry robots are considered easier to program, with respect to motion, because they work with an X, Y, Z coordinate system. Another advantage is that they are less limited by floor space constraints.



SHEET NO. 1 GR

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SHEET NO. 2 GR