Gantry drive Z axis

Productivity | Precision, Performance Increase, Process Reliability



Series

HF

Control

SIEMENS Solutionline

Enforced drive in Z (Gantry) with two ball screw drives and two direct, absolute measuring systems: An additional drive in Z with ball screw drive and direct, absolute measuring system is installed. The two drives in the Z axis are operated in a gantry network.

Characteristics

_ The gantry design achieves a higher feed force in the Z direction. Machines with an external measuring system are converted to an integrated measuring system in all axes.

Benefits

_ Advantages for off-center drilling and milling operations as well as maximum stability and accuracy. Absorption of higher process forces in the Z directionHigher time span volume and better workpiece quality