

Systems, Solutions, Services

productivity
IN MOTION

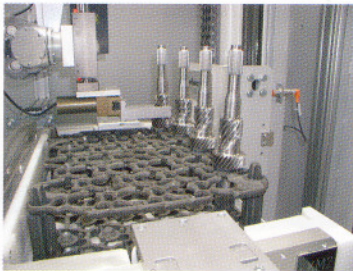


SIEMENS





Loading and unloading systems



• The machine

The machine presented by IMR is equipped with a basket manipulator and two places for different types of heat treatment fixtures. The surveying of workpiece positions on the heat treatment fixtures and the tilt of bolts and work pieces as well as the quality inspection of heat treatment fixtures is performed by a 3D-high-speed-vision-system before the loading and unloading process. The control of the 3D-measuring system, the processing of measuring values and the control of the loading- and unloading processes is provided by a SIMATIC 317T CPU. Depending on technical requirements or on customer's request the IMR loading- and unloading system may also be equipped with a CNC control system out of the SINUMERIK family.

• The control, the drive

Material flow systems and loading-/unloading cells as well as portal robot systems and industrial cleaning solutions supplied from one hand relieves our customers business. SIMATIC 317T, SINUMERIK 840D powerline and SIMODRIVE 611D are the main components of our systems.

**IMR Mechatronik
Sondermaschinen GmbH
Jessenigstraße 4
9220 Velden, Kärnten
Austria
Tel.: +43 42 74 41 00 20
Fax: +43 42 74 41 00 40
office@imr-mechatronik.com
http://www.imr-group.com**