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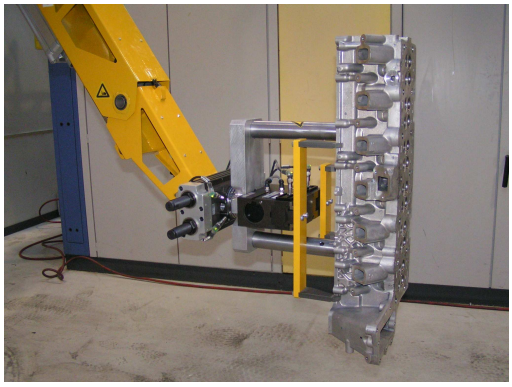

Description / name of special machine
Manual load assistance for machining center

Function / job
Workpiece change at two machining centers, transport of workpieces from pick-up position to machine and measuring station.

Special features
Gripping unit with 3 fingers, positive gripping underneath workpiece; pre-centering for exact positioning in the clamping device; hand guided crane, sensitive electrically controlled stroke

Technical data

Stroke approx.:	1000 mm
Weight of workpiec approx.:	250 N
Degrees of freedom	6 axes
Drives	electrically driven, frequency converter

Customer

Grob-Werke, Mindelheim	BMW-Steyr

Realization period / year
December 2004

Ident No.	Month / year
503 1 257 DB	12/2004