



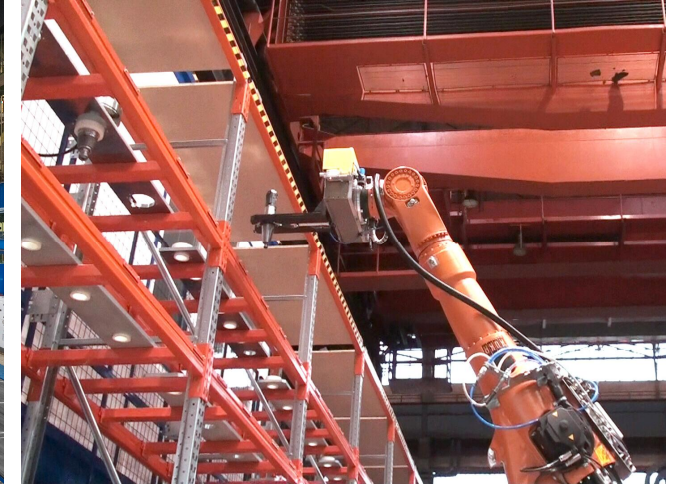
Robotization of tools shelf storage in machining center

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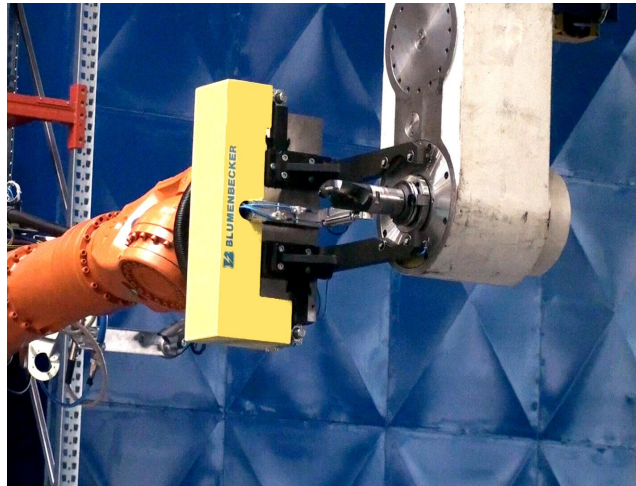
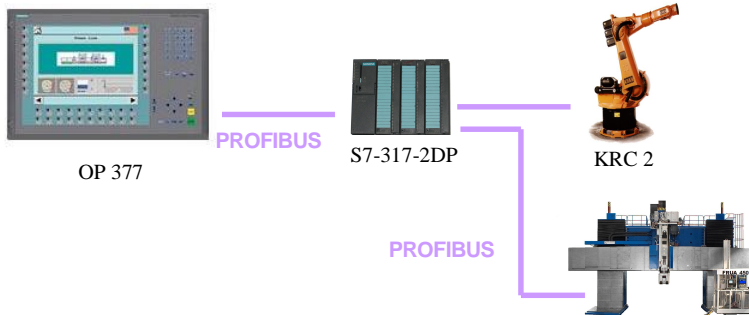
Investor	ŽDAS a.s., Žďár nad Sázavou., Czech Republic
Realization	2010
Machine delivery	TOS KUŘIM-OS a.s., Kuřim Czech Republic
Workplace specification	§ 1x robot KUKA KR150L110-2 § 1x linear travel KUKA KL 1500, L=12 m § 1x shelf META Multipal S2000
Control System	§ SIMATIC S7-317-2DP, KUKA KRC2 § Operating panel MP377 § Filed bus PROFIBUS



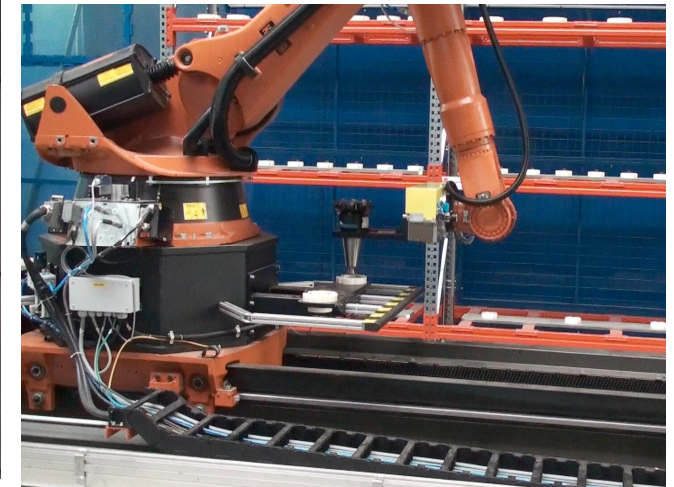
General view on the workplace



Tools removal from the storage shelf



Loading the tool into the spindle of machining center



Storing tools in temporary storage on the robot

Reference

Robotics