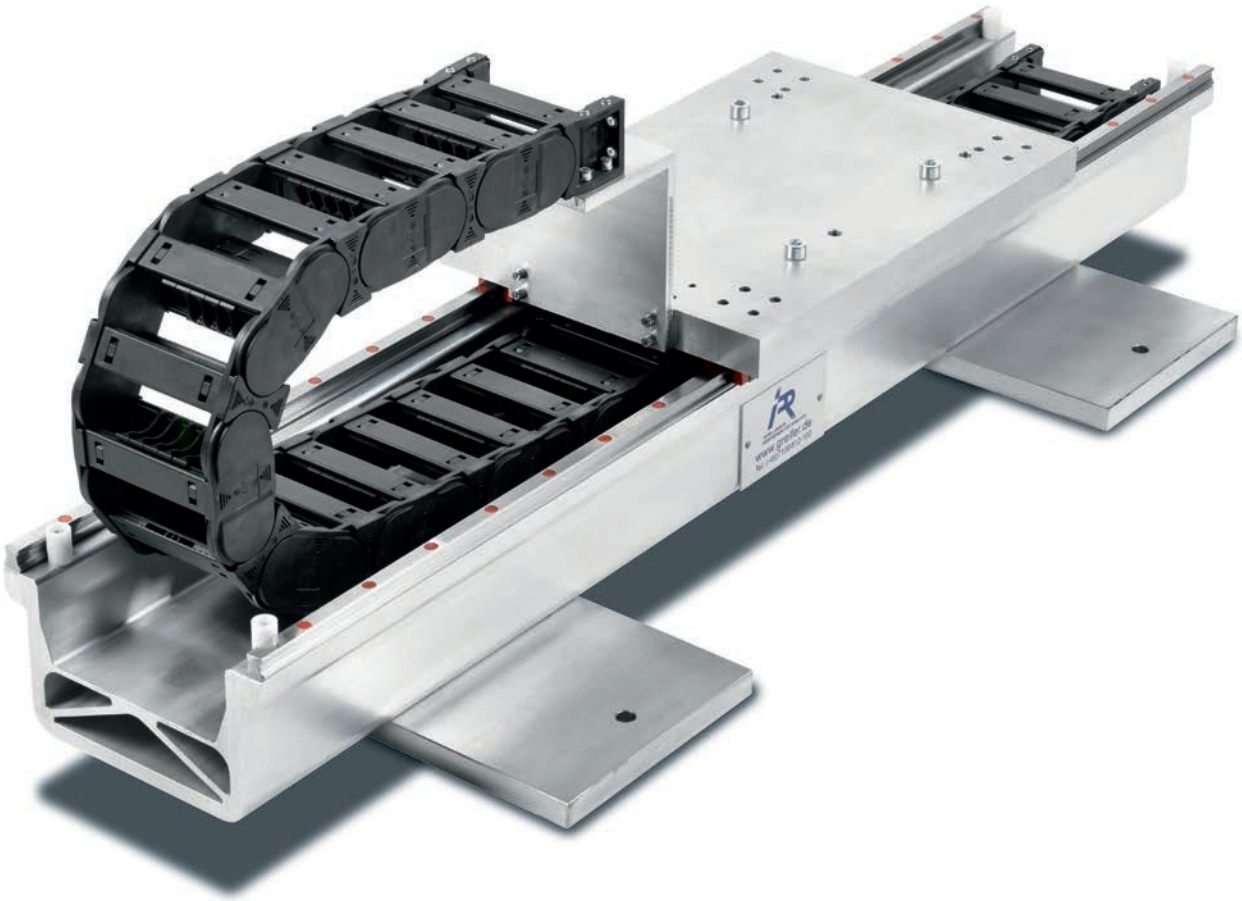
INTELLIGENTE
PERIPHERIEN FÜR ROBOTER

7TH AXIS
FOR SMALL ROBOTS

IPM-90



IPM-90 for added motion in assembly and handling

The IPM-90 was primarily designed for small robots in assembly and handling applications where workpieces have to be positioned or moved with precision and speed in the production process. The IPM-90 with its compact design and internal cable carrier offers all the functionalities of a full-size IPR 7th axis, while substantially decreasing the required space. It ensures precise positioning with a repeatability of 0.1 mm, quickly and smoothly. Speeds may reach up to 3 m/s and acceleration up to 4 m/s^2.

Modular Design offers maximum Operation Flexibility.

A working area expansion is just as simple as the 7th axis itself.

The IPM-90 is modular, making it especially suitable for smaller robots with short reach. With our modular design and low weight, their working range can be selected in increments of 100 mm giving you maximum flexibility.

The main profile is made of aluminum with a maximum load bearing capacity of 80 kg. The IPM-90 is suitable for small robots such as the ABB IRB120, KUKA Agilus and FANUC LR Mate 200 iB.

engineered and made in Germany

IPM-90 | IPR 7th axis for small robots

Material	aluminum	**Max. payload**	80 kg
Profile	single profile	**Travel length**	1–5.5 m
Speed	up to 3 m/s*	**Repeatability**	+/- 0.1 mm**
Acceleration	up to 4 m/s²*	**Robot examples**	ABB IRB120, KUKA Agilus, FANUC LR Mate 200 iB

* Speed and acceleration depend on motor type used
** Higher repeatability on request

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IPR – Intelligente Peripherien für Roboter GmbH
Jakob-Dieffenbacher-Str. 4/2
75031 Eppingen
Germany
T +49 7262 9239-100
F +49 7262 9239-400
info@iprworldwide.com
www.iprworldwide.com

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