

Telescopic Axis for Facilities with Low Ceilings

Kempton (Germany) September 16, 2013 – The LP 200 gantry is now available in a newly designed telescopic axis version – specifically for production environments with low ceilings or with machines that have higher clearances.

This model supplements the existing version, which operates with a conventional vertical axis. The Z-axis protrusion features half of the protrusion of its predecessor design. The telescopic axis achieves virtually the same load capacity of approximately 170 kg. As far as positioning precision and rigidity are concerned, it does just as good a job as the non-telescopic standard version and is therefore eminently suitable for machine loading. The following applies to both versions – repeat accuracy per axis is between ± 0.1 mm and ± 0.15 mm, depending on the model and task.

Liebherr gantries provide a wide range of application options for transporting, palletising, loading and unloading as well as for storage.

Five different sizes of linear motion gantries (LP Series) and three sizes of floor robots for work piece weights of between 0.5 kg and 1,500 kg meet a wide range of automation challenges. Liebherr provides a modular system that enables all sizes of gantries and / or robots to be adapted to the relevant application, for example cylinder, head, engine block or gear unit production.

Visitors to EMO Hannover will find Liebherr at Booth A11 in Hall 26.

About Liebherr-Verzahntechnik GmbH

The Liebherr Group has been designing and manufacturing gear-cutting machines for nearly sixty years. Since 1962, these activities have been centred at Liebherr-Verzahntechnik GmbH in Kempten, Germany. Today, Liebherr is one of the leading manufacturers of CNC gear-cutting machines and automation systems. The company manufactures gear hobbing machines, gear-shaping machines, generating and profile grinding machines and gear-cutting tools. In the field of automation systems, in cooperation with well-known machine manufacturers, Liebherr supplies machining

lines, automated machining centres, and system integration of machine tools with gantries, robot integration and pallet-handling systems.

Liebherr-Verzahntechnik GmbH is the divisional control company of the Liebherr Group's machine tools and automation systems division. This division employs about 1,300 people all over the world and has manufacturing facilities in Kempten (Germany), Ettlingen (Germany), Collegno (Italy), Saline (Michigan, USA) and Bangalore (India) along with a worldwide marketing and service organisation.

Captions

liebherr-gear-technology-automation-telescopic-axis.jpg

Telescopic axis by Liebherr

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