



Heavy, heavier, heaviest

Güdel introduces even stronger floor traversing axis

Langenthal, July 27th 2016. Early this year, Güdel successfully introduced the TrackMotionFloor floor traversing axis in size five for heavy industrial robots.

Now, the long-standing company has taken the product to yet another level. The next size, the TMF-6, was recently rolled out.

The modular TMF-6 is expandable and can move static payloads of up to 20 tonnes and dynamic loads of up to 13.3 tonnes. That makes the TMF-6 one of a kind.

The new floor traversing axis was unveiled at this year's Automatica expo in Mu-

nich, where it quickly attracted attention. Güdel showcased this most recent proof of the company's innovative skill at the booth of its partner, Japanese robot manufacturer Fanuc.

The TMF-6 functioned as seventh axis on Fanuc's largest heavy-duty robot, the M-2000iA, and moved a whole car: the Audi Q2.

This short video shows the Güdel technology at Automatica expo moving the Audi Q2. Please find here:

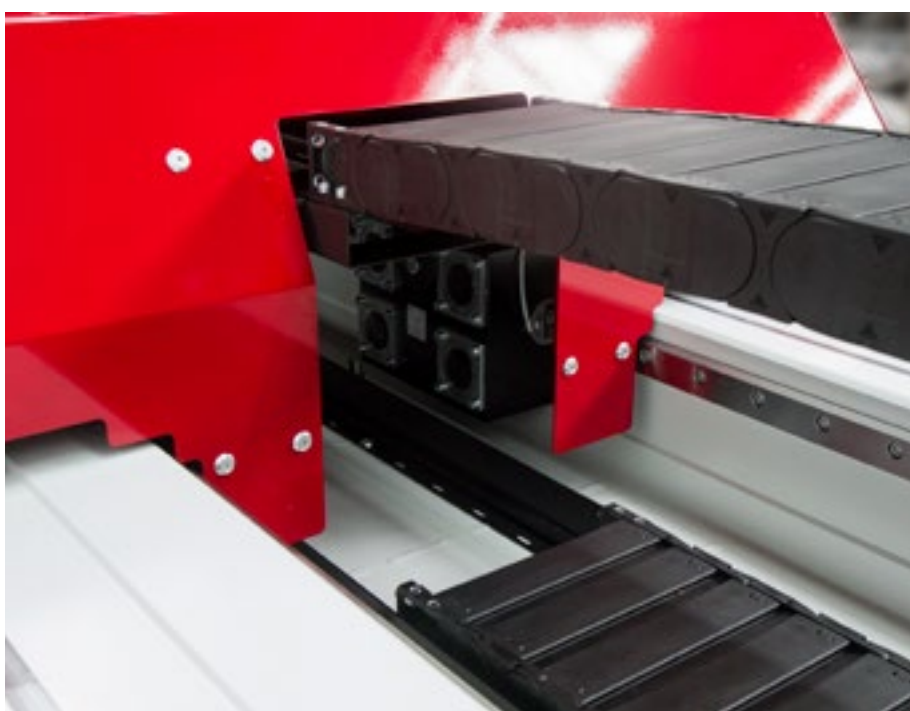
[Link to the Video](#)

The TMF-6 is compatible with common heavy-duty robot models from a range of manufacturers. Variable adapter plates allow for easy integration of articulated robots and tool holding devices.

The powerful drive system consists of planetary gearboxes, heavy-load guideway systems, racks and pinions, all made at Güdel's dedicated production facility.

Motors can be selected according to specific requirements.

The TMF-6 includes up to two carriers as standard. Like the other sizes, the TMF-6 can be extended from the smallest size of 3 m to up to 100 m. The TMF-6 can absorb 5 t/m² of pressure, a testament to its robust, solid workmanship and the high quality of Güdel components. Thanks to all these features, the TMF-6 is the ultimate traversing axis for ultra-heavy-duty applications.



Güdel Group AG

The Güdel Group is a manufacturer of high-precision machine components and provider of sophisticated automation solutions. Its spectrum of products ranges from linear guideways, racks, pinions and drives right through to linear axes and gantry robots. Güdel assembles its products into systems with a high degree of control intelligence and complete plant installations, which can be used in the automotive, tire, metal, rail, intra-logistics, pharmaceutical, renewable energy, wood, and aerospace industries. Güdel's technology is characterized by its innovation, quality and modularity. The Güdel Group has a workforce of approximately 1,100 employees worldwide in over 30 locations. The Group has been owned by the same family since its foundation more than 60 years ago. The Güdel Group has its headquarters in Switzerland.

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