

Press release

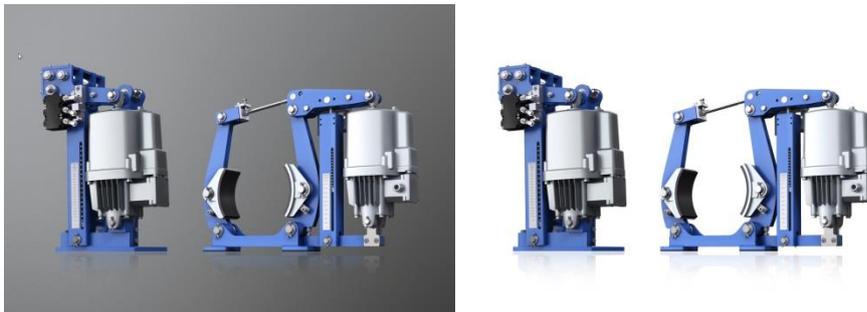
KTR is adding thruster brakes to its program

Schloß Holte-Stukenbrock, 10 July 2017 – **KTR has extended its offer of industrial brakes by adding thruster brakes. The electro-hydraulic brake systems of the KTR-STOP® TB line are available as disk and thruster brakes and can be used both as an operating and as a safety brake.**

PR contact

Stefan Holtkoetter
T +49 5971 798-292
E s.holtkoetter@ktr.com

www.ktr.com/Press



Safety brake KTR-STOP® TB S (left), thruster brake KTR-STOP® TB T (right) // The images can be used free of charge for editorial purposes (© KTR Systems GmbH)

The KTR-STOP® TB S disk brake is available as a right and left-hand version in three sizes. With a disk diameter of 900 mm it generates braking torques of up to 15,200 Nm. The KTR-STOP® TB T thruster brake is presently available in seven sizes and with a thruster diameter of 710 mm and capable of generating brake torques of up to 10,000 Nm. Furthermore, for both designs, you can directly adjust the braking torque at the brakes on site. The brake pads are optionally available as “organic” or made of “sinter metal”.

The spring-actuated thruster brakes are designed with lifting devices of Ed 230/50 to Ed 3000/120 and can be used both as an operating and a safety brake. A completely encapsulated cylinder increases the protection level against damages and dirt and upon request, the electro-hydraulic brake systems can be designed with further technical options like e. g. an automatic wear adjustment, a manual release facility, a limit switch for brake condition and wear of pad or an inclination damping.

The thruster brake is designed according to DIN 15435 and the disk brake corresponds to the industrial standard and therefore can be integrated into

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existing systems without any problems. Main application fields are crane systems, winches and conveyor belts, steel plants and material handling.

The brakes are selected and adjusted in the “KTR Competence Center for Brake Systems“ in East-Westphalian Schloß Holte-Stukenbrock where KTR combines its brake activities in one location under the name KTR Brake Systems GmbH. Besides development and production, prototypes and serial products are tested here. For example on a universal brake test bench, a tension test bench, a vibrating table or a low temperature cooling chamber enabling tests with ambient temperatures of up to -40° C.

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