



Images: Ralph Larmann

On the move

Kinetic stage equipment from Movecat was chosen for a recent tour by punk band Die Toten Hosen

Above: Movecat's kinetic stage equipment, which is compliant with BGV C1 and SIL3 standards
Opposite page: **Die Toten Hosen in concert**

German punk band Die Toten Hosen visited major halls and arenas throughout Europe last year for its Laune der Natour 2017 tour. The lavish, 11-trailer tour was supported by equipment from Movecat, a specialist kinetic equipment company from Nufringen, Germany. The technology used included D8 1 metric ton and 2 metric ton chain hoists, D8+ 0.5 metric ton and 1 metric ton chain hoists, as well as a larger number of the new VKM-S II 250 chain hoists. The single-fall VKM-S motors are designed to offer flexible handling and meet the highest safety standards. The control of the D8 and D8+ hoists is implemented using R-series RMC radio

motion remote controls. These wireless remote controls operate in the 2.4GHz frequency band and, depending upon the model, are capable of controlling 4, 8 or 12 D8/D8+ motors.

Complete control

An I-Motion Expert-T II system controller is used to control the VMK-S system. This controller makes it possible to manage complex kinetic applications with up to 240 drives, in a safe and user-friendly way, allowing D8, D8+ and C1 fixed- or variable-speed drives to be supervised and controlled intuitively.

The events technology engineer responsible for the kinetic equipment used on the tour, Jan Kleinenbrands of the R-Project Group,



operation. "The I-Motion is probably the best system controller around right now for touring applications," comments Kleinenbrands. "On this tour, we load the electronics onto a dolly specially designed by Lleyendecker to my specifications, so all that's left hanging in the rafters are the motors. This setup is extremely convenient from the standpoint of cabling, as well as being very easy to service. Furthermore, you can also suspend the VMK-S as a climbing hoist. That saves time and power in situations where high speeds are not called for."

In addition, the Movecat RMC-R radio controllers provide great visibility during lifting operations. "When rigging sound reinforcement equipment in particular, you can move right back for a better view without having endless lengths of cables in the load path next to the stage," explains Kleinenbrands.

Movecat equipment's reliability, certification and handling were the reasons it was chosen by the Düsseldorf punk rockers. The Laune der Natour tour resumed in May 2018 as an open-air and festival tour. ■

offers an explanation for his decision to opt for the Movecat material: "Admittedly, the 1 metric ton D8+ motors are very large in terms of pack dimensions and their unladen weight is considerable, but due to their single chains they are far easier to work with. After careful consideration, we came to the conclusion that their advantages vis-à-vis conventional dual-fall 1 metric ton D8+ hoists outweighed any such drawbacks. It is a more expensive solution, because the material cannot be stacked in the trucks and more helpers are needed on-site, but the probability of errors is reduced considerably."

Setting up safely

The I-Motion system is designed to offer optimized safety during setup as well as in

www.movecat.de

DYNAMIC STAGE TECHNOLOGY



BGV D8/DGUV V54, D8 Plus and BGV C1/DGUV V17 kinetic solutions according to IGWW SQ P2 as well as EN 61508 / SIL 1 to SIL 3

Controller



Chain Hoist



Touring Rack



Winch



I - Series



SAFETY FIRST – MADE IN GERMANY



Wireless



Load-Monitoring



Vario Speed



L - Series



Band Hoist

MOTION SOLUTIONS □□□ 125 - 6.000 KG □□□ HIGH QUALITY □□□ HIGHEST SAFETY STANDARDS □□□ HIGH ACCURACY
INNOVATIVE TECHNOLOGY □□□ 24/7 HOTLINE □□□ PROJECT SOLUTIONS □□□ EXTENDED WARRANTY



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