



## Cleaning floors efficiently and safely

**Munich, November 2005**

For 130 years Schenker Deutschland AG has stood for the efficient organisation and processing of flows of commodities and the company is one of the leading providers of integrated logistics in Germany and globally.

Orderliness and cleanness are indispensable elements for quality and reliability on the highest level for modern logistics service companies. It is not only about delivering goods just in time, completely and without damage, but also about handing them over to the customer in a clean state. Most of the products to be transported are stored temporarily, in some cases several times throughout the whole logistics process, before the goods reach their destination.

It is extremely important that the intermediate storage facilities are kept in a perfect state as far as their cleanness is concerned. There is no doubt that the customer would reject dusty, soiled or, especially, "dirty" products or shipments and this would lead to financial disadvantages for the transport company.

For about three years MTR Gebäudereinigung GmbH has had the contract to ensure cleanness at Schenker Deutschland AG's logistics centre in Eching, near Munich.



## Maximum flexibility and variability with the HEFTER Cleantech FS 112

The building has about 20,000 m<sup>2</sup> of storage area, and goods movements mean that 12,000 m<sup>2</sup> of this are cleaned three times every week. The main work here is to bind the dust caused by the thousands of packagings and pallets in the cleaning liquid and then to wipe it up directly. In addition, the brake dust caused by the operations of the many fork-lift trucks and ground conveyors has to be removed regularly.

MTR Gebäudereinigung has decided on the FS 112 ride-on machine from HEFTER Cleantech to clean this building.

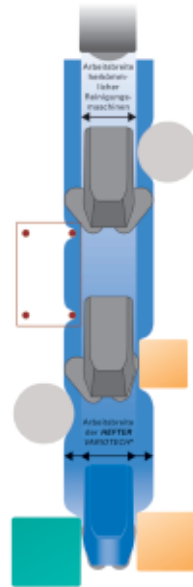
"Manoeuvrability and variable working widths were the decisive criteria for the selection. With these advantages the FS 112 system meets the requirements of this logistics building optimally" is how Mario Bosch, one of MTR's Managing Directors, confirms his decision to buy.

The TURNADO® system developed by HEFTER enables the operator to turn the scrubber and suction head by up to 200° in any direction when the machine is at a standstill and when it is moving.

This enables cleaning when reversing and in cul-de-sacs.

And small turning circles in narrow spaces are also made easy - and all this with-out stopping the cleaning process.

The VARIOTECH® technology offers a variable and therefore flexible working width that adjusts automatically to changing surface profiles while driving. This means that both narrow passages and wide spaces - this time with the full working width - can be cleaned with one and the same machine. This flexibility and variability is unique.



The low overall height and the layout of the cleaning wings even enable cleaning under pallets and in areas where work normally has to be done by hand.

Particular challenges for every cleaning system are the surfaces in the incoming and outgoing goods sections that are exposed to heavy traffic. These areas are driven on frequently by stacker trucks and therefore have to dry again immediately after cleaning. The very powerful and precise vacuum system and the layout of the FS 112's vacuum strips guarantee that accidents caused by slippery floors are prevented here.



The two Managing Directors of MTR Gebäudereinigung GmbH:  
Thomas Selbeck (on left); Mario Bosch

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Technical data:	FS 112
Variable working width:	710 - 1.120 mm
Chassis width:	760 mm
Tank volume:	each 150 l clean water / dirty water
Theoretical cleaning rate:	8.960 m <sup>2</sup> / h
Max. water consumption:	8 l/min.
Dead weight: (incl. 220 Ah battery)	580 kg
Working hours per battery	Up to about 2-4 h/battery operation

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HEFTER Cleantech FS 112 ride-on machine

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