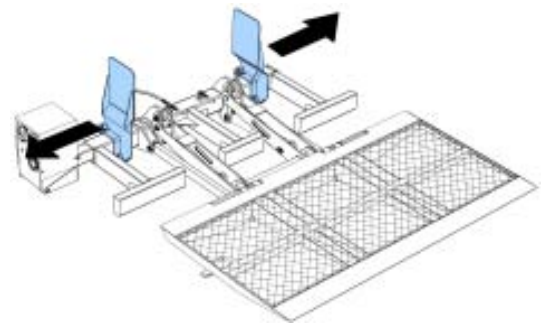
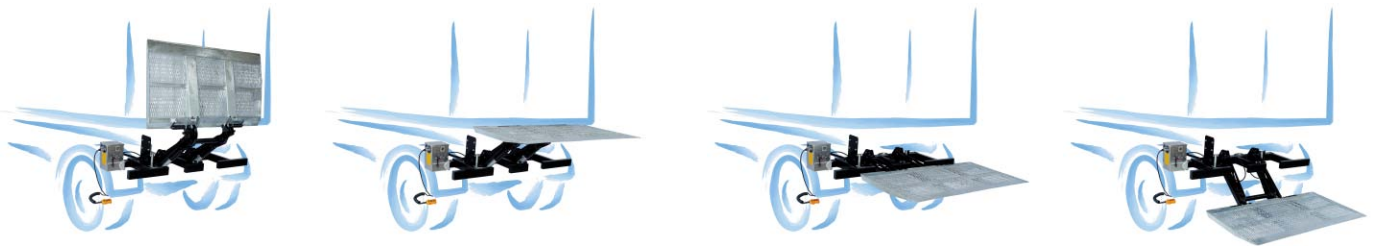


# MTK SERIES

CONVENTIONAL  
TAIL LIFTS

Hybrid-Technology

Perfection in every detail



- **Less weight - more payload**
- **Easy & quick installation**
- **Long life - low maintenance**

AHT's MTK series of tail lifts consists of a superior and cost effective two cylinder system. Cylinders are mounted inside the lift arms and ensure the stable operation of the platform, even with an uncentered load.

All models are completely assembled, adjusted and tested before leaving the factory. Mounting brackets that simply slide into place enable an effortless installation without the need for any welding.



DEFINITELY FUTURE-ORIENTEDED TAIL LIFT

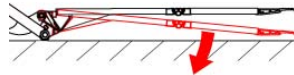
Model	Mechanism	Platform	Capacity kg	Load centre mm	Platform Size W x L mm	Weight kg
MTK-500ST/M	Steel	Steel mesh	500	500	1750 x 950	210
MTK-500ST/AL	Steel	Aluminum	500	500	1750 x 950	185
MTK-500AL/AL	Aluminum	Aluminum	500	500	1750 x 950	140
MTK-750ST/M	Steel	Steel mesh	750	500	1750 x 1250	246
MTK-750ST/AL	Steel	Aluminum	750	500	2100 x 1250	221
MTK-750AL/AL	Aluminum	Aluminum	750	500	2100 x 1250	157
MTK-1000ST/M	Steel	Steel mesh	1000	500	2000 x 1250	269
MTK-1000ST/AL	Steel	Aluminum	1000	500	2000 x 1250	237
MTK-1000AL/AL	Aluminum	Aluminum	1000	500	2000 x 1250	177

## Standard Equipment

- Two battery cables, (+/-) for a direct connection to the battery
- mechanical Hose Burst Valve



2-button Hand control with pull out protection



Mechanical auto leveling at ground level



Roll Stops

## Optional

- Added platform length
- Automatic closing cylinder
- Flashing lights
- Additional hand controls
- Three bumper mounts
- Electrical Hose Burst Valve



### Very simple, very logical

The hydraulic pressure during discharge operation often exits the pressure in the accumulator. The new AHT Hybrid hydraulic system will automatically transfer and store the energy. Consequently a win, as the accumulator absorbs the energy. Should the power supply of the transporter fail, the tailgate with the additional new AHT- Hybrid-Technology can still be operated for some time. Furthermore the alternative noiseless Hybrid driven tailgate can for some time be fully utilized in noise restricted areas and is very suitable for afterhours/night deliveries.

## MHW®-Powerpack

Platform is controlled by the compact and fully integrated MHW power pack in a water proof aluminum box. A two-button hand control, (Up and Down), is equipped with a pull-out protector to prevent electrical shorts. A red keyed master control switch prevents unauthorized use of the tail lift.



## Safety First

All cylinders are equipped with mechanical hose-burst valves which are operative during lifting and lowering of the platform. The platform will stop immediately if a hose bursts, protecting the operator and product.



## Cylinders

AHT's patented all-aluminium cylinders are more powerful and weigh less than our competitors cylinders. They have been tested for 1,000,000 cycles, without changing seals, and are noiseless at all temperature ranges. The ceramic-coated pistons, are highly resistant to salt water, and other corrosive substances, ensuring a very long life span.

Mechanical hose burst valves are standard and electrical hose burst valves are optional.



## Cartridge-Valve

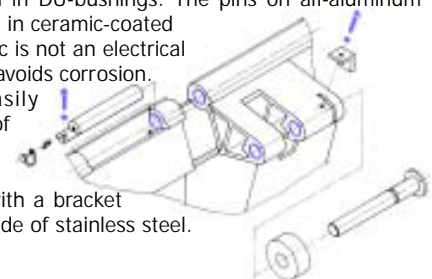
There is only one "Zero Leakage" Cartridge Valve. It is made to the highest standard. They come in a wide range of voltages. A 24 VDC valve switches at 15 V, and a 12 VDC valve switches at 8 V. This is a big advantage for smaller trucks and trailers that have poorly maintained batteries.



## Mounting Pins

The pins are mounted in DU-bushings. The pins on all-aluminum platforms are mounted in ceramic-coated bearings. Since ceramic is not an electrical conductive material it avoids corrosion. The pins can be easily removed after years of hard use.

All pins are secured with a bracket and the screws are made of stainless steel.



## ALUHEBETECHNIK GmbH

### Office

Hauptplatz 23  
A-2474 Gattendorf  
Austria / Europe  
Phone: (+43) 2142 64280  
Telefax: (+43) 2142 642860  
E-Mail: office@aht-mhw.com

### Plant

Bahnstrasse 34  
A-2474 Gattendorf  
Austria / Europe  
Phone: (+43) 2142 64360  
Telefax: (+43) 2142 64366



[www.aht-mhw.com](http://www.aht-mhw.com)