

EFFICIENCY AND SAFETY FOR YOUR BULK MATERIAL TRANSPORT

MK 45 DH „LW-TIPPLER“





TRANSPORT GOODS INTELLIGENTLY

OUR LW TIPPLERS ARE UNBEATABLE THANKS TO COMPETENCY AND SOPHISTICATED TECHNOLOGY.

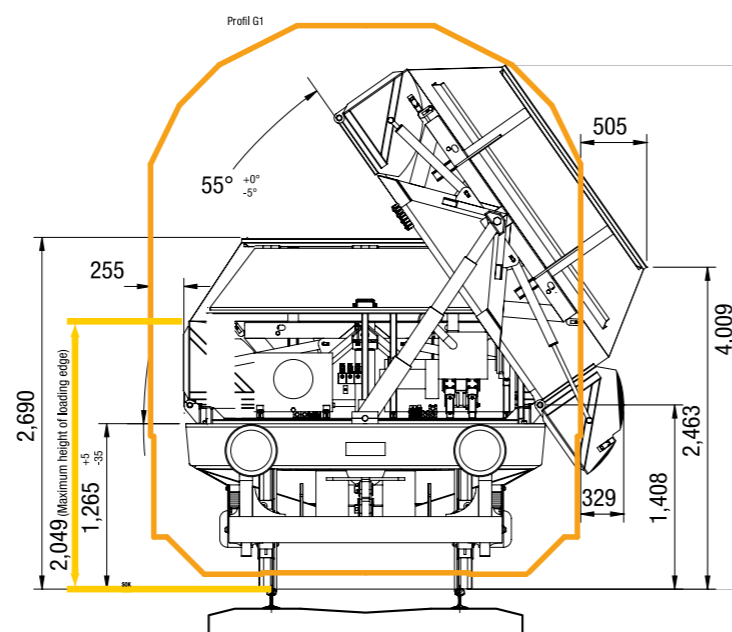
SAFE LOADING THANKS TO LOW PROFILE DESIGN

The tippler MK 45 DH developed by LEONHARD WEISS is used for the open transport of loose bulk freights not scattered by the wind. Thanks to the low construction type loading under switched off catenary line is possible and riskless. The sill is 2,049 mm over the upper edge of the rail.

The specially trained operator is responsible for unloading to the right or to the left next to the track. Every wagon is equipped with an independent hydraulic system.

One skip per wagon is tipped at a time. Up to 10 tippler wagons can be linked up with one another and controlled together by means of a plug-in control panel. Standard safety is guaranteed at all times in usual super elevations and radiuses thanks to an intelligent control system. The time of unloading amounts to approx. 10 minutes for all three skips.

We will be happy to supply you with a quotation for a complete working train consisting of locomotive, driver and working train operator.



ADVANTAGES OF THE LW-TIPPLER

In addition to the tried and tested characteristics of the LW-TIPPLER developed by LEONHARD WEISS, there are further particularities, which will convince you of its use.

Low height of side panels

- » Loading under switched on catenary lines
- » Loading of wagons by means of caterpillar or wheel loader

Separate power engine per wagon

- » The LW tipplers require neither storage batteries nor compressor

- » The use of an additional wagon or power unit is not necessary
- » Our wagons work without 10 bar air pipe of a locomotive

Three separate tippler skips per wagon

- » Loading of the three skips with different materials is possible
- » The side panels can be extended, in order to tip the goods further into the construction area
- » Unloading of only part of the material by regulated tipping
- » Unloading at super elevation up to 150 mm



▲ Loading with excavated material under catenary line



▲ Transport to site of unloading ▲

„With the MK 45 DH tipping wagon, we are setting new standards in bulk material transport: safe, efficient, and flexible – perfect for every challenge on the construction site!“



▲ Site of unloading of excavated material



▲ Loading with new ballast ▲

TECHNICAL DATA

Number of tip-up wagons:	25 pieces
Type:	Rlps
Empty weight:	35 t
Vehicle payload:	Total wagon = 3 tippler skips = 45 t skip = 15 t (8.5 cbm)
Dimensions of skip (L x W x H):	5.00 x 2.48 x 0.52 m
Length over buffers:	20.74 m
Number of axles:	4
V max. empty:	100 km/h
V max. loaded:	100 km/h
Capacity of tank:	120 l diesel fuel
Capacity of hydr. tank:	140 l Panolin HLP 46
Tippling power unit:	Water cooled 3 cyl. diesel engine Kubota D 1105 with two hydraulic pumps and pressure release valve
Height over upper edge of rail:	Transport position: 2,690 mm Tipping position: 4,009 mm Height of side panels: 2,049 mm
Radius:	R MIN. 60 M, R MIN. (WORKING) 150 M
International profile:	G1
RIV authorisation:	Yes



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