



MEILLER Hooklift

| meiller.com



Karlsruhe plant



Ulm plant



Düsseldorf plant



Plant in Waidhofen/Ybbs, Austria



Plant in Niepolomice, Poland

MEILLER - success and corporate culture with tradition

F. X. MEILLER GmbH & Co KG is a Munich family enterprise which has enjoyed an exceptional reputation for over 160 years. The MEILLER brand is synonymous today with innovative products and system solutions in the construction and waste management sectors, thanks to a superior level of technological advancement and the extraordinary durability of our solutions.

Our customer relations are primarily defined by trust – trust in our first-class products and services.

Our brand embodies the following promises:

MEILLER develops, produces, markets and maintains products for construction and waste management which offer the customer outstanding added value.

With its headquarters in Munich, new production locations in Europe and a network of over 400 sales and service partners around the world, MEILLER has excellent links to the locations of construction and waste management customers.



Parent plant in Munich



Plant in Sakarya, Turkey



Plant in Slany, Czech Republic

MEILLER Quality and Efficiency



The optimum Hooklift

This brochure contains detailed information on our hooklift product range. Every MEILLER hooklift is designed to ensure maximum productivity and efficiency, right from the first day and for its entire operating life. The MEILLER hooklift is designed for truck chassis from **7.49 to 41 tons** total weight for fast and efficient transportation of containers. Our hooklift impresses through its low tare weight, high component strength and elasticity, simple handling as well as its long service life.

Use of superior materials and the employment of the latest production processes ensure that, in addition to a high payload and degree of stability, our customers can enjoy an excellent level of value retention when it comes to our tippers.

Close cooperation with chassis manufacturers enables us to achieve an optimum degree of harmonisation between the vehicle chassis and superstructure. A close exchange between MEILLER and truck manufacturers enables us to respond rapidly to new market requirements and underlies our competence as a system supplier.



Hooklift Programm



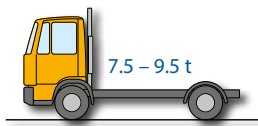
Technical data:

Payload incl. container:.....4.500 – 6.900 kg
(dependent on chassis)
Hooklift weight:.....790 – 795 kg

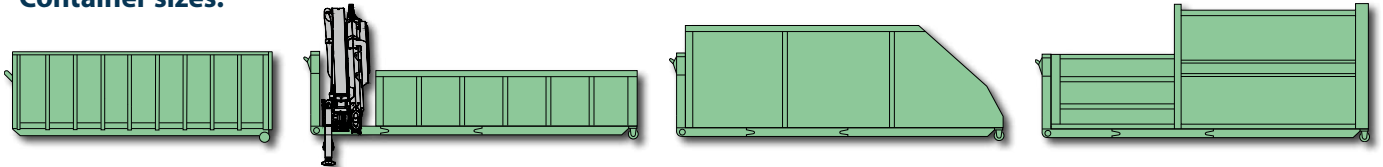
Payload incl. container:.....5.000 – 11.000 kg
(dependent on chassis)
Hooklift weight:.....1.100 – 1.250 kg

Payload incl. container:.....7.000 – 11.000 kg
(dependent on chassis)
Hooklift weight:.....1.675 – 2.080 kg

Suitable chassis:

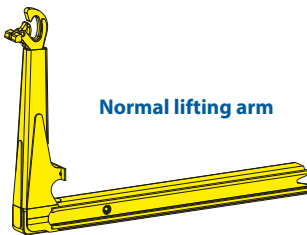


Container sizes:

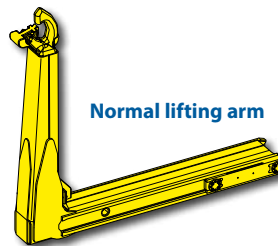


DIN 30 722

Lifting arm types:



Normal lifting arm



Normal lifting arm

RK 30.65 TSL

AbRollKipper
(Hooklift)
Max. lifting
capacity:
30 = 30 t
20 = 20 t
14 = 14 t
11 = 11 t
8 = 8 t
6 = 6 t

Max. container length as per DIN 30 722:
(clear internal length L_i)
70 = 7.00 m **55** = 5.50 m
67 = 6.75 m **52** = 5.25 m
65 = 6.50 m **50** = 5.00 m
62 = 6.25 m **47** = 4.75 m
60 = 6.00 m **45** = 4.50 m
57 = 5.75 m

For **RK 20.XX**:
TS = Telescopic and swivelling
hook arm

For **RK 30.XX**:
K = Short version
L = Long version
TSK = Telescopic and swivelling
hook arm, short version
TSL = Telescopic and swivelling
hook arm, long version

RK 20



RK 30

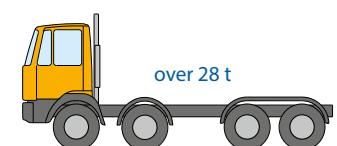


Technical data:

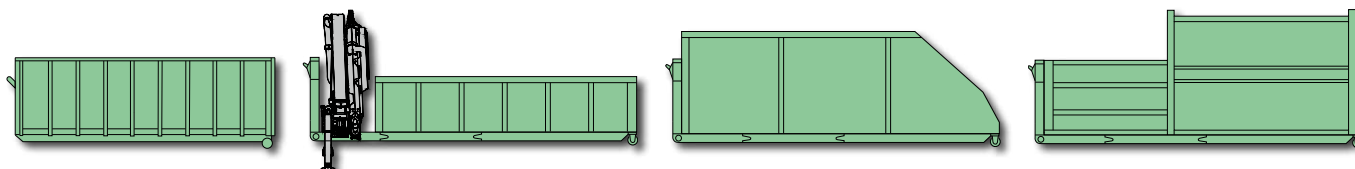
Payload incl. container:..... 13.000 – 16.000 kg
(dependent on chassis)
Hooklift weight:..... 2.195 – 2.750 kg

Payload incl. container:..... 18.000 – 27.000 kg
(dependent on chassis)
Hooklift weight:..... 3.095 – 3.670 kg

Suitable chassis:

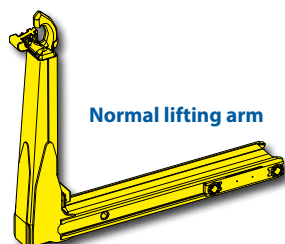


Container sizes:

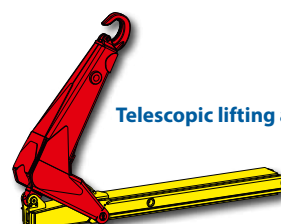


DIN 30 722

Lifting arm types:



Normal lifting arm



Telescopic lifting arm

Why?

Normal lifting arm

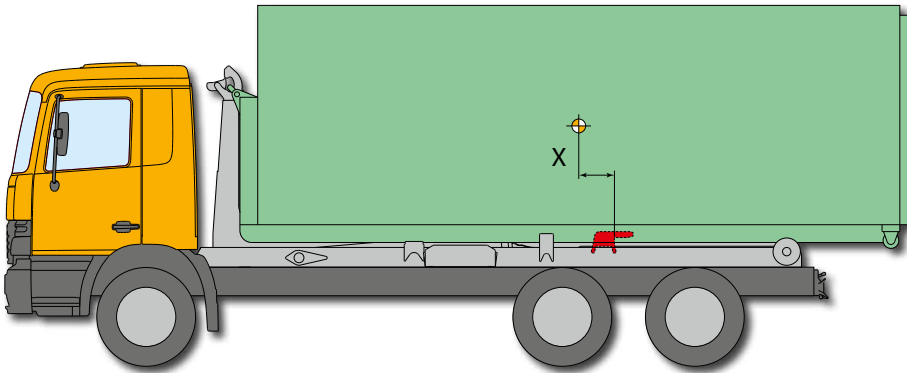
- When it has to be simple and sturdy
- Optimal for containers that often have the same size

Telescopic lifting arm

- For extra container variety
- When heights are low
- When the container has to be pulled on flat
- When the container is to be transhipped onto rail wagons (ACTS)

Hooklift general

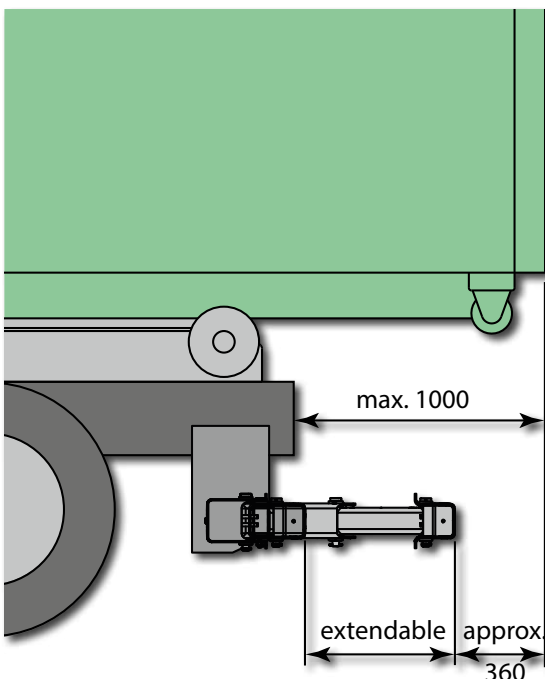
Certification for the securing of load as per DIN 30722



The container is normally locked onto the chassis for transport by the mechanical lock compliant with DIN 30722. If the appropriate locking elements (“locking window”) are fitted to the containers, when the container is move to the front it is automatically locked by the “locking pin” fitted on the hooklift. This locking method has three important functions:

1. The container is locked onto the vehicle for transport.
2. The tipping movement is ensured by the container connection to the rear “tipper frame” (also called “rocker beam”).
3. In accordance with DIN 30722, the locking dimension “X” is selected so that the distance of the theoretic centre of gravity of the container to the locking window always remains constant at 360 mm. This means the container (regardless of whether long or short) is always locked to the vehicle with the centre of gravity at the same position.

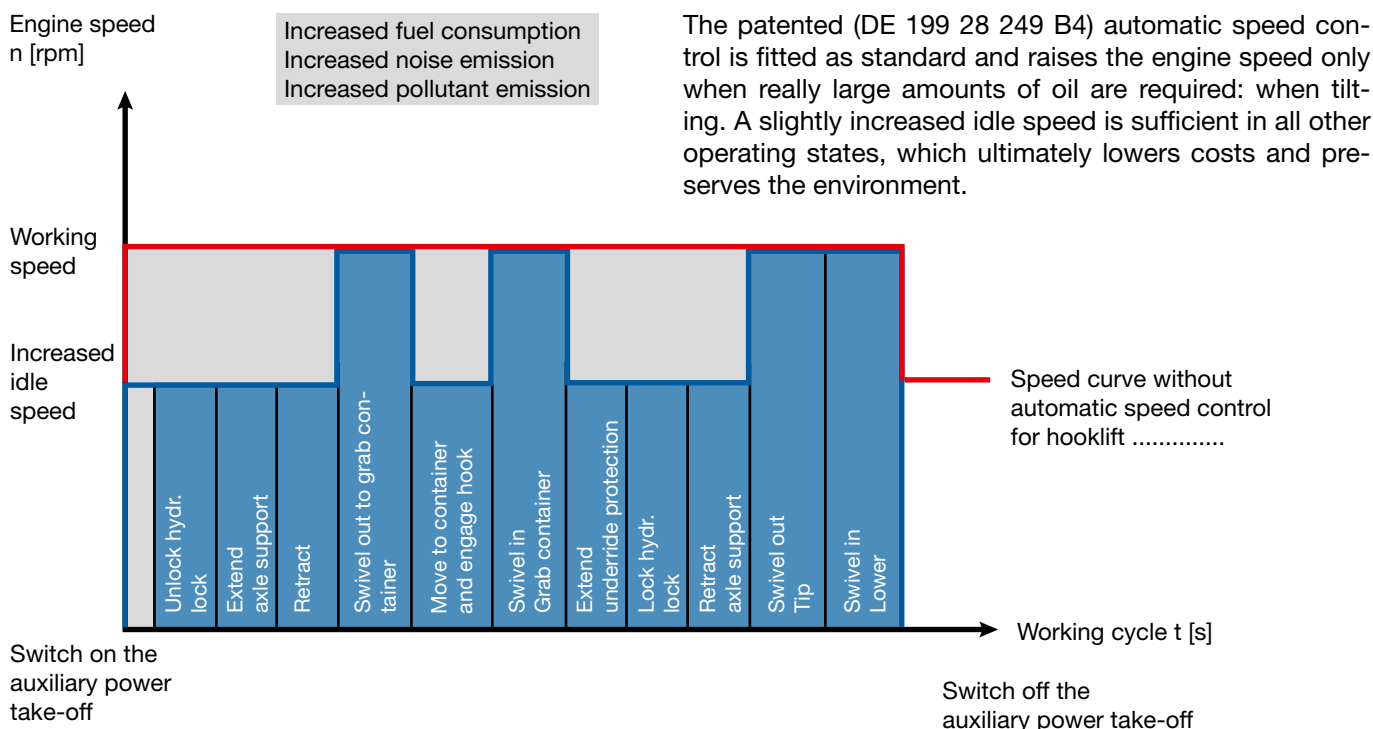
Compliance with legal requirements



When we design hooklifts we make sure that legal requirements are complied with:

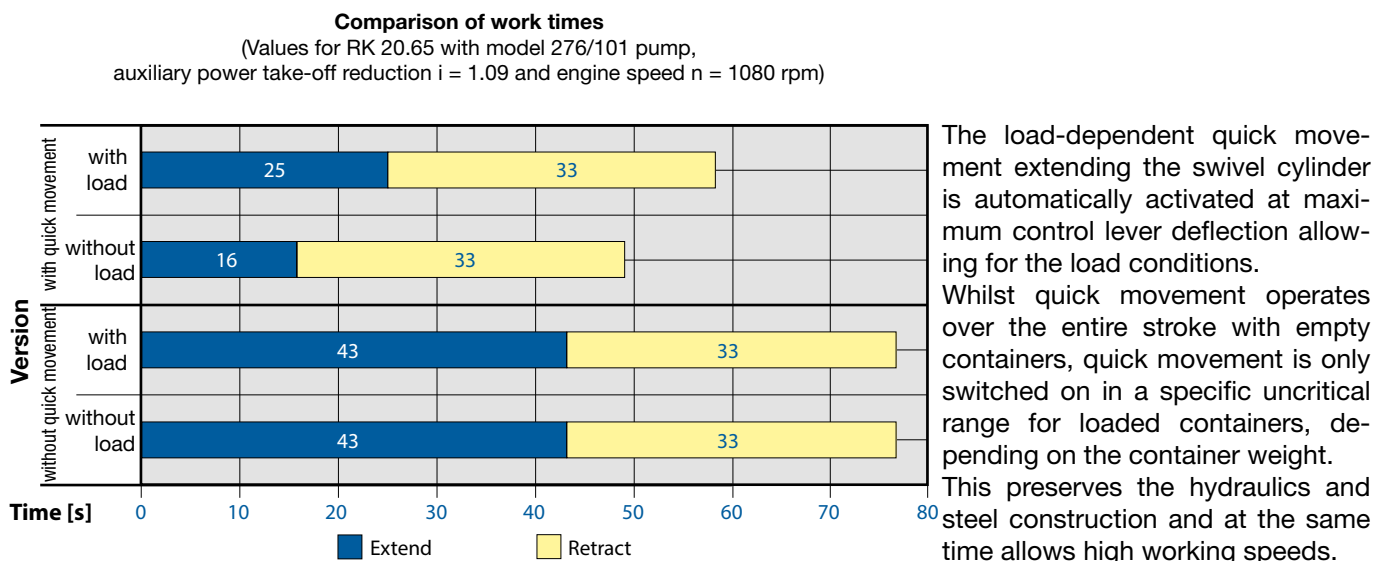
1. Container protrusion over the underride protection compliant with Directive 70/221/EEC:
The container protrusion may not exceed 400 mm after test forces have been applied. If the deformation of the underride protection after test forces have been applied (up to approx. 40 mm) and normally usual maximum container protrusion over the chassis frame end is approx. 990 mm, the underride protection must be fitted at least 630 mm behind the chassis frame end. However, as the underride protection would be disruptive in this position when dumping, pulling up or setting down the container, an adjustable underride protection must be used that is pushed in when dumping and pulling up or setting down the container.
2. Container protrusion over the vehicle lighting in accordance with section 53 para. 5 German road traffic regulations (StVZO) :
The container protrusion over the lights may not exceed 1000 mm. Our hooklifts are therefore designed so that the longest transported container protrudes approx. 980-990 mm behind the chassis frame end in accordance with DIN 30722. The regulation is complied with when the rear edge of the lights is normally flush with the chassis frame end.

Automatic speed control



Load-dependent quick movement

(Standard equipment on RK 20.XX, RK 20.XX TS, RK 30.XX, RK 30.XX TS)



Hooklift

Equipment



Underride protection extended



Underride protection retracted



Rigid underride protection



Folding underride protection



Mechanical underride protection



Lighting in the underride protection



Trailer hydraulics



Multifunction plate



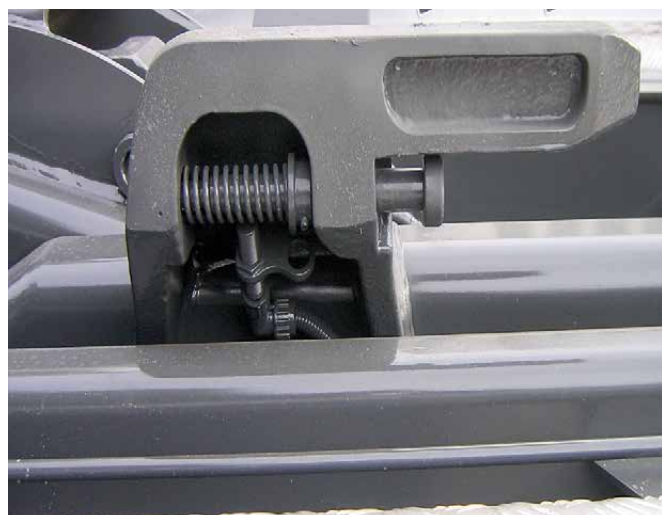
Lifting arm lock



Inner lock



Inner/outer combination lock



Locking pin

Hooklift

Equipment



Crane connections



Crane lock



Net box



Net box above fuel tank



Bracket for ladder



Shovel and broom brackets



Tool box



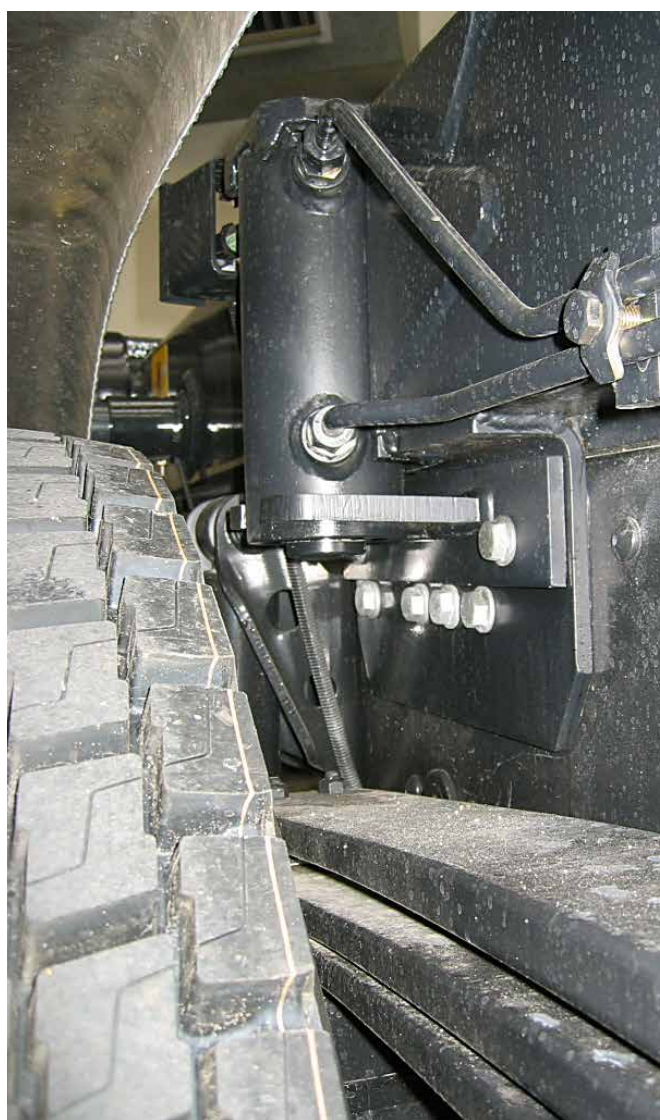
Aluminium mud protection



Attachment for oil tank and side safety guard



Roller support



Axle support

Hooklift

Equipment



Additional support for short containers



Control units in tilting cab



Hooklift with side tipper superstructure



Hooklift

Crane superstructures



Crane on vehicle



Crane on container

MEILLER Hooklift



Container transport trailer

Ideal for transportation of roll-off containers as per DIN 30 722

Key features:

- Optionally leaf or air suspension
- Surface optionally painted or galvanised
- Overall weight 18 t
- with certification for the securing of load

The vehicles illustrated in this brochure are in part available with special equipment at an extra charge. All details of equipment and technical data are based on characteristics of the German market and reflect current knowledge at the time of going to print. We will be happy to inform you of any specific national divergences.

MEILLER Hooklift

Accessories

MEILLER i.s.a.r.-control



Switch to more energy efficient and time saving solutions!

Thumb wheel for proportional control of main functions, e.g. tipping, roll-off ...

Touch buttons for controlling the secondary functions. Recessed arrangement of buttons enables operation without slipping

Secondary function buttons, e.g. hook arm, locks

Impact-resistant case, rubber surround for heavy duty

Emergency stop

Body without protruding parts with integrated antenna

Engine START/STOP button

Brightness controlled backlighting for safe operation, even in the dark
-> All buttons illuminated

Battery status display

Function buttons

Special function buttons

NEW

The performance plus:

- Optimised control unit power supply – Li-Ion battery operation without memory effect
- Illuminated buttons for day and night operation
- Centrally positioned engine Start/Stop button
- Charging cradle in driver's cab
- Wired operation over CAN bus when control unit is plugged in
- Greatly improved radio range
- Belt clip and magnetic holder as standard equipment prevent loss
- Thumb wheel removable for cleaning



Globally active

MEILLER products are valued all over the world. Our numerous company locations perfectly express these aspirations. Wherever commercial vehicle manufacturers are active, we ensure that we are close at hand and ready to offer rapid support.. Throughout Europe, MEILLER's own locations are complemented by authorised import and contract partners.

Our commitment is not only evident in our first-class products, but also in our MEILLER after-sales service which demonstrates its competence throughout the industry. Our mobile after-sales service and over 400 customer service offices are perfectly equipped to provide rapid and qualified assistance in service cases.

The needs and requirements of our customers have always been a defining factor in our corporate policy.

And you too can find a MEILLER location in your close vicinity.



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Technical specifications are subject to change without notice. Illustrations may show special equipment.