



# ***TECTRUM***<sup>®</sup>

Innovative and efficient in every detail

| [meiller.com](http://meiller.com)

# RS and RL hooklifts

Innovative and efficient in every detail

Transporting roll-off containers is now more economical than ever! The MEILLER hooklift product range is convincing through innovative solutions for efficient use.

MEILLER hooklifts are designed for maximum productivity – from the very first day and throughout their entire working life. MEILLER stands for ultimate product quality and value retention.

## Product range for every use

**Type RL18:**  
For payload and volume-oriented applications



RL18 hooklift

**Use:**  
The RL18 is designed for large volumes with optimised payload.

**Type RS21:**  
The innovative power package



RS21 hooklift

**Use:**  
The RS21 is designed for heavy-duty use in the waste management and construction industries.

**Type RS26:**  
The benchmark for heavy-duty applications



RS26 hooklift

**Use:**  
The RS26 is designed for heavy use and even heavier loads, primarily in the construction industry.

### RL18 TECHNICAL DATA

Nominal load	18 t
Weight	2,090 kg
Height	190 mm

### RS21 TECHNICAL DATA

Nominal load	21 t
Weight	2,190 kg
Overall height (T/TS)	230 mm
Overall height (TSH)	255 mm

### RS26 TECHNICAL DATA

Nominal load	26 t
Weight	2,295 kg
Overall height (T/TS)	245 mm
Overall height (TSH)	270 mm





# DESIGNED FOR FUTURE

**5 YEAR\***  
WARRANTY

*\* on all load-bearing steel components*

We strive for the highest possible quality in all our services and products and we want you to benefit from this. That is why we are granting a 5-year warranty on all load-bearing steel components for MEILLER hooklifts and skip handlers.

## MEILLER, the competent system supplier

MEILLER hooklifts are ideal for all chassis produced by all vehicle manufacturers. We work closely together with truck manufacturers and optimally match MEILLER superstructures to the chassis. The superstructures are designed to be vehicle-neutral, so we adapt your own product quickly and problem-free to every manufacturer. Close exchange with the vehicle manufacturers also leads to short reaction times concerning new market requirements.

## Your investment – safe and practical

MEILLER hooklifts have proven themselves in the construction and waste management sectors. They are designed for long durability and low-maintenance use. Due to our high standards of quality, your investment is secure over the entire lifetime.



*Light. Fast. Powerful.  
The new RS26 hooklift.*

# RS-series hooklifts

Our powerhouses for heavy loads

The new MEILLER RS series of hooklifts impress through innovative solutions and functional design. They are designed for rugged operation – day in and day out. MEILLER hooklifts are designed for maximum productivity and economy – from the very first day and for their entire operating life. MEILLER stands for ultimate product quality and value retention. Transport your roll-off containers fast and safely. Handling and operation are simple and practical.

## Your benefits

- **Increased lifting force with high reserves**
- **Torsion-resistant frame due to the innovative and unique frame profile**
- **Unwelded mounting of frame and attachment parts enhances corrosion protection**
- **New efficiency package with industry-leading working speed**

## Innovations for ultimate reliability

### Faster

MEILLER doubles the working speed of the new RS hooklift in certain operations. Save valuable time in every operating cycle.

### Lighter

MEILLER has reduced the weight of the RS21 by 200 kg and the RS26 by 710 kg compared to its predecessor. This allows more payload on every drive.

### Lower

MEILLER has reduced the overall height of the RS series. Benefit from higher volume with greater stability and driving safety at the same time – thanks to a low centre of gravity. Gain more room to manoeuvre with low height clearances.

## NEW – NEW – NEW – NEW – NEW – NEW – NEW – NEW

### KTL - dip-coating method:

- Excellent protection against corrosion
- Insensitivity to scratches and stone chipping
- Uniform and complete coating (even in hard-to-reach areas, on sharp edges and in thin grooves)
- Consistent surface quality

### Modular, screwed construction:

- Attachments can be retrofitted or modified at any time
- Weld-free pre- and final assembly
- Quick replacement of wear parts
- Flexible adaptability



*Made for rugged use in the construction and waste disposal industry:  
The MEILLER RS21 hooklift.*



# RS21.70



Hooklifts      Max. nominal load 21 t      Max. container length acc. to DIN 30 722:  
(clear internal length) 70 = 7.00 m

## Technical data

### RS21

### RS26

#### Nominal load

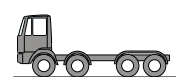
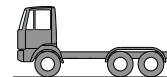
up to 21 t from the road surface

up to 26 t from the road surface

#### for truck chassis

with three axles and  
up to 28 t permissible GVW

with three or four axles and  
from 28 t permissible GVW



#### for containers/skips

DIN 30 722



#### Product variants

RS21.52 to RS21.75,  
for skip lengths between 5.25 m and 7.50 m

RS26.55-K to RS26.75-K for three-axle vehicles,  
RS26.50-L to RS26.70-L for four-axle vehicles,  
for skip lengths between 5.00 m and 7.50 m

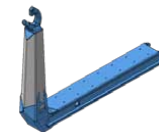
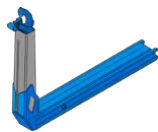
#### Lifting arm type

Telescopic hook arm (T)

Telescopic and  
tilting hook arm  
(TS/TSH)

Telescopic hook arm (T)

Telescopic and tilting  
hook arm (TS/TSH)



## RS21

### product variants

## RS26

### product variants

	MAX. SKIP LENGTH [MM]	MIN. SKIP LENGTH [MM]	MIDDLE HOOK - MIDDLE ROLL [MM]
RS21.52	5250	4000	4635
RS21.55	5500	4000	4760
RS21.57	5750	4250	5010
RS21.60	6000	4500	5135
RS21.62	6250	4750	5385
RS21.65	6500	5000	5635
RS21.67	6750	5250	5885
RS21.70	7000	5500	6135
RS21.72	7250	5750	6385
RS21.75	7500	6000	6635

	MAX. SKIP LENGTH [MM]	MIN. SKIP LENGTH [MM]	MIDDLE HOOK - MIDDLE ROLL [MM]
RS26.50-L	5000	4250	4885
RS26.52-L	5250	4500	4885
RS26.55-K/L	5500	4000 / 4750	4975 / 5135
RS26.57-K/L	5750	4250 / 5000	5010 / 5385
RS26.60-K/L	6000	4500 / 5250	5135 / 5635
RS26.62-K/L	6250	4750 / 5500	5385 / 5885
RS26.65-K/L	6500	5000 / 5750	5635 / 6135
RS26.67-K/L	6750	5250 / 6000	4885 / 6385
RS26.70-K/L	7000	5500 / 6250	6135 / 6635
RS26.72-K	7250	5750	6385
RS26.75-K	7500	6000	6385



# RL-series hooklifts

For payload and volume-oriented applications

The MEILLER hooklift impresses with an optimised payload ratio with a very low overall height. It is designed for the transport of high volumes with low tare weight. MEILLER hooklifts are designed for maximum productivity and economy – from the very first day and for their entire operating life. MEILLER stands for ultimate product quality and value retention. Transport roll-off containers fast and safely. Their handling and use are easy and practical – for economic and convenient operation.

## Innovations for high efficiency

### Even lighter

MEILLER has reduced the weight of the RL18 in the basic unit by another 100 kg compared to the RS21. This allows more payload on every drive.

### Even lower

MEILLER has reduced the overall height of the RL18 hooklift by another 40 mm compared to the RS21. This means that the RL18 has a very low overall height of 190 mm. Benefit from higher volume and greater stability and driving safety – thanks to a low centre of gravity. Gain more room to manoeuvre with low height clearances.

*Made for rugged use in the construction and waste disposal industry: The MEILLER RL18 hooklift.*



## Your benefits

- **Durable and robust**
- **Maximum operating safety**
- **High working speed due to the efficiency package**
- **Safety package for best load securing**

# RL18.70

Hooklifts      Max. nominal load 18 t      Max. container length acc. to DIN 30 722:  
(clear internal length) 70 = 7.00 m



## Designed for practical use!

The MEILLER RL18 hooklifts allow the efficient and reliable transport of container change-over systems. They have proven their worth in the construction and waste management sectors and are made for harsh practical conditions.

- Torsion-resistant frame due to the innovative and unique frame profile
- Unwelded mounting of the frame and attachment parts enhances corrosion protection
- New efficiency package with industry-leading best values in working speed

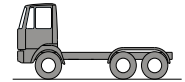
## RL18 technical data

### Nominal load

up to 18 t from the road surface

### for truck chassis

with three axles and up to 28 t permissible GVW



### for containers/skips

DIN 30 722

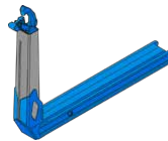


### Product variants

RL18.55 to RL18.70, for skip lengths between 5.50 m and 7.00 m

### Lifting arm type

Telescopic hook arm



## RL18 product variants

	MAX. SKIP LENGTH [MM]	MIN. SKIP LENGTH [MM]	MIDDLE HOOK - MIDDLE ROLL [MM]
RL18.55	5500	4000	4825
RL18.57	5750	4250	5075
RL18.60	6000	4500	5200
RL18.62	6250	4750	5450
RL18.65	6500	5000	5700
RL18.67	6750	5250	5950
RL18.70	7000	5500	6200

# RL18/

# Features for practical use

Practical solutions for everyday, rugged operation

## Faster ...

The original MEILLER hydraulic system ensures the fastest operating cycles. Work is made much more efficient:

- When tipping and rolling off, the load-dependent quick movement valve accelerates the extension of the swivelling cylinder.
- When lowering and pulling up the skip, the load-dependent speed movement system has double the retraction speed compared to the previous model.

## Efficiency package

The efficiency package includes quick movement, speed movement, sequence control and soft stop systems.



*Hard to beat: The new RS hooklift with efficiency package lowers twice as fast as its predecessor.*



*The MEILLER hydraulic system is specially designed to meet the requirements of the construction and waste management sectors.*



## Underride and side collision protection

The MEILLER rear underrun protection complies with the legal regulations.

- Extendible rear underrun protection, hydraulic or mechanical
- Foldable rear underrun protection for operation on tar pavers (special permit required)



*Rear underrun protection always in the correct position: slides in when tipping and rolling off, extended when driving.*





### ... lower ...

Gain more driving safety and stability with the low centre of gravity of the new RS and RL series of hooklifts. The reduced overall height enables more swivelling and tipping space in underground garages or covered spaces.



*More room to manoeuvre under roofed areas due to the lower superstructure of the hooklift.*

### ... lighter.

Transport more payload thanks to the lower dead weight of the new hooklifts. At the same time you save fuel day after day.



### Container lock

MEILLER hooklifts include reliable and appropriate container security. MEILLER always provides the right container security:

- Hydraulic locking system
- Locking latches, fixed or bolted
- Locking for crane skip

### Safety package

The safety package contains an internal hydraulic locking system, hydraulic rear underrun protection and sequence control system.



### Your benefits

- High working speed due to the efficiency package
- Greater payload due to lower tare weight
- Best stability and driving safety due to low centre of gravity
- Safety package for best load securing

# Attachment parts and accessories

Extend to individual requirements – the ideal vehicle for all

Optimise your MEILLER hooklift for your own application. With our accessories, your daily work routine is especially safe and practical. The programme ranges from lighting equipment through storage options right up to camera systems.

## Operate comfortably and safely

Control your MEILLER hooklift easily and safely. All operating functions are logical, easy to understand and simple to carry out. The MEILLER i.s.a.r.-control radio control unit provides complete control: Operate from a safe distance and at a location that allows the best visibility.

The preprogrammed sequence control processes make operation even easier. The operator can intervene at any time: By moving the joystick or pressing the corresponding arrow key everything is under control.

## Two different programme sequences are available:

### 1. Rolling off the skip:

Extend the axle support, unlock the container lock, slide back the container and swivel out the lifting arm, retract the rear underrun protection

### 2. Pull up the skip and make ready for travelling:

Swivel in the lifting arm, slide the container forwards, extend the container lock, retract the axle support



### Lots of space for work aids and tools:

- Plastic or stainless steel toolbox at the side
- Extendible net boxes at the side



*Optimal use of space: Net box between the axles.*

### ■ Lamps with LED technology

Benefit from greater road safety and improved visibility with MEILLER lamps with LED technology. A striking design is combined with a long lifetime and high efficiency. LED technology also saves time and costs as there is hardly ever a light failure.

#### The MEILLER lamps:

- LED working lights
- LED warning beacons
- MEILLER marker lamps at the side



*Greater road safety and improved visibility with MEILLER lamps with LED technology.*

### ■ Make your daily work routine easier with further practical accessories:

- Camera systems
- Mudguards, aluminium or plastic
- 1-section aluminium ladder
- Shovel and broom holder
- Plates, markings, fire extinguishers, wheel chocks, spare wheel holders

### Special applications for your individual task

We adapt your hooklift to your specific application. Whether crane operation, trailer operation, side tipping mechanism, low-bed trailer, skip handler on loading grid or many other additional hydraulic consumer options – we make almost everything possible.

*Always control your sequences fast and safely with the practical i.s.a.r.-control remote control.*







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