RS, RL hooklifts
Innovative and efficient in every detail

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

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

Type RS21:
The innovative power package

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

Type RS26:
The benchmark for heavy-duty applications

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
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.

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.
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.

**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.

**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

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

<table>
<thead>
<tr>
<th>RS21</th>
<th>RS26</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nominal load</strong></td>
<td>up to 21 t from the road surface</td>
</tr>
<tr>
<td><strong>for truck chassis</strong></td>
<td>with three axles and up to 28 t permissible GVW</td>
</tr>
<tr>
<td><strong>for containers/skips</strong></td>
<td>DIN 30 722</td>
</tr>
<tr>
<td><strong>Product variants</strong></td>
<td>RS21.52 to RS21.75, for skip lengths between 5.25 m and 7.50 m</td>
</tr>
<tr>
<td><strong>Lifting arm type</strong></td>
<td>Normal lifting arm (T)</td>
</tr>
</tbody>
</table>

### Product variants

#### RS21
- 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

#### RS26
- 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
- RS26.65-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
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.

**Your benefits**
- Durable and robust
- Maximum operating safety
- High working speed due to the efficiency package
- Safety package for best load securing
Described 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
- Normal lifting arm

### RL18 product variants

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

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)

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.

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

... 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.

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

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

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

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

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

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

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.
MEILLER in your area

Full service from a single source

Present worldwide

MEILLER locations / sales offices
Service workshops

There’s a MEILLER location near you. Find the service workshops closest to you by searching online at meiller.com/service

Technical modifications and errors excepted. Illustrations may show special equipment.