

The LASCO logo is displayed in a bold, italicized, sans-serif font. The letters are black with a yellow outline, set against a yellow rectangular background that is slightly tilted. The logo is positioned at the top center of the image, above the main mechanical structure.

LASCO

A detailed view of a red LASCO harvester's cutting mechanism. The machine features two long, parallel rows of curved, silver-colored blades mounted on red metal frames. The blades are arranged in a staggered pattern, designed for efficient harvesting. The background is a dark, gradient surface, and the overall lighting highlights the metallic textures and the robust construction of the equipment.

TECHNOLOGY FOR HEROES.



TECHNOLOGY FOR HEROES.



THAT IS WHAT WE PUT OUR NAMES TO.

We are an Austrian family business that has been researching, developing and manufacturing high-quality machines since 1987. All with the goal to make our customers' work easier, wherever they are in the world.

In our production and storage facilities, we make technologically sophisticated machines whose reliability, functionality and value for money speak for themselves.

As a dynamic company, we drive bold innovation and always put our customers' benefit first. Because we believe that genuine innovation and productive ideas develop where they are needed – in practice.

We are proud of the challenging, exhausting and at times dangerous work our customers do. We have the utmost respect for their achievements in tough working environments. And we fully appreciate our customers' incredibly important contribution to a sustainable environment.

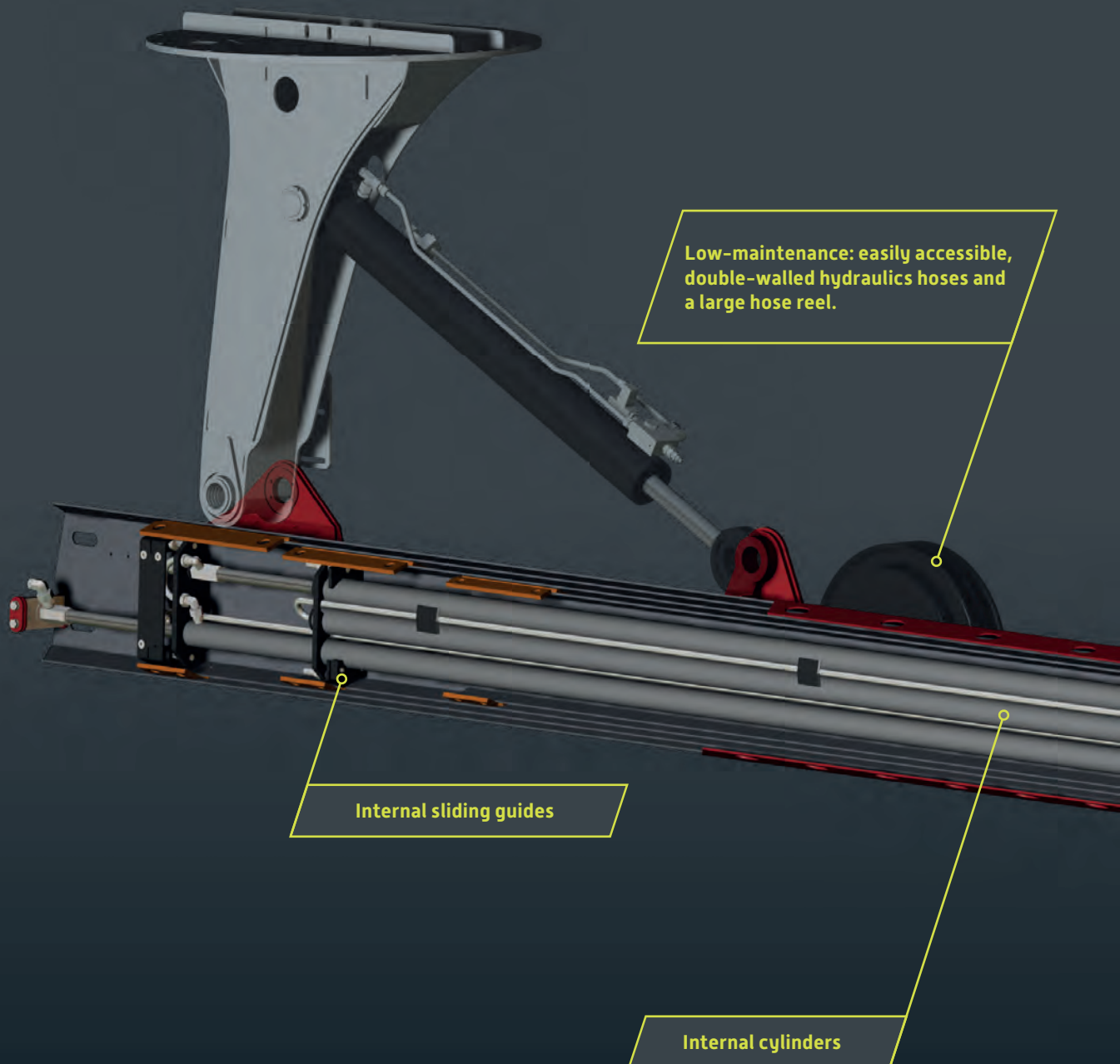

Johannes Landrichinger

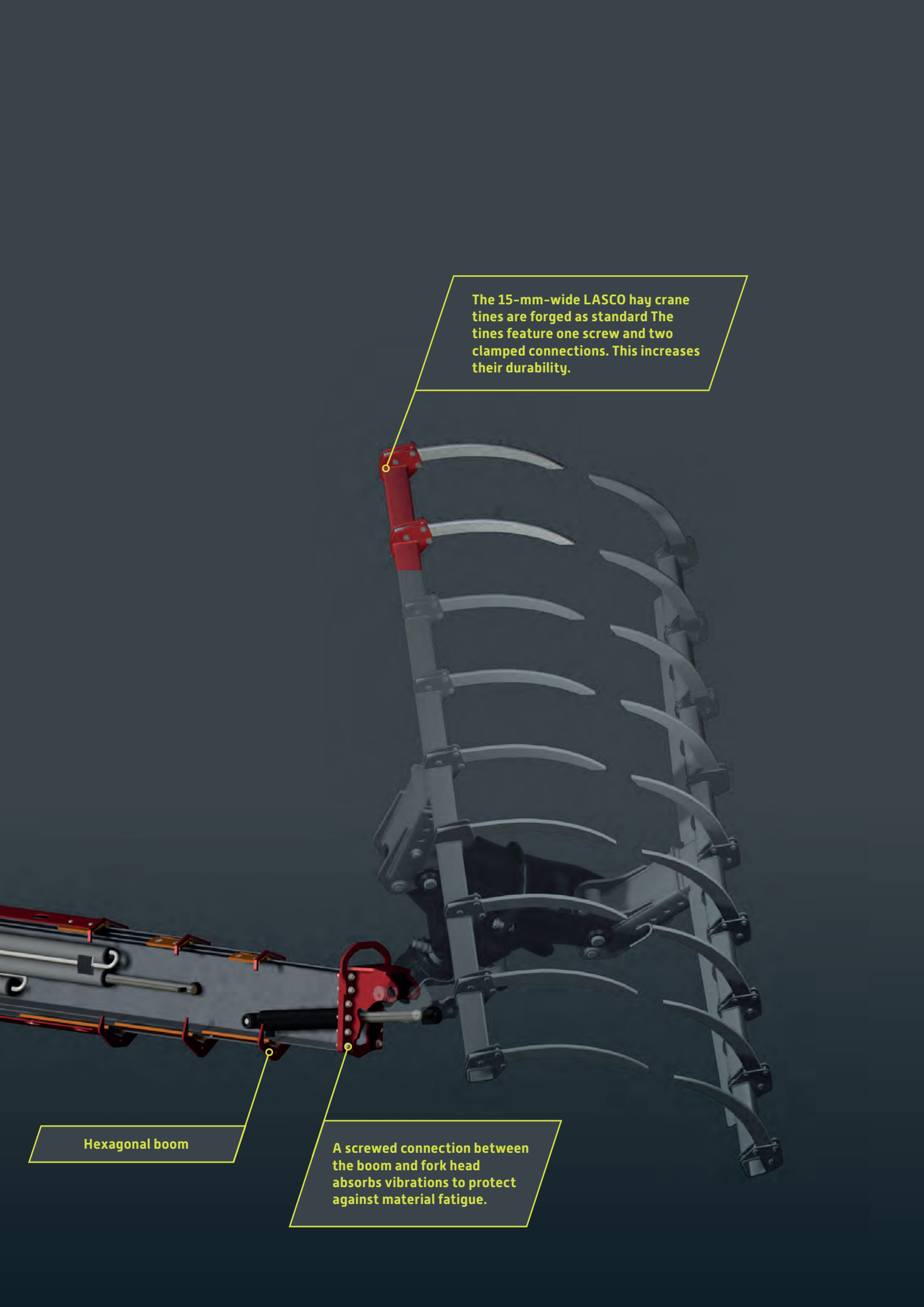

Werner Landrichinger


Herbert Oitner

The boom system – six edges are more than four

- + With internal sliding guides, this hay crane is not only very low-maintenance but also highly compact, as it does not need sliding rollers.
- + Thanks to the structural use of hexagonal tubes, the LASCO hay crane is exceedingly stable.





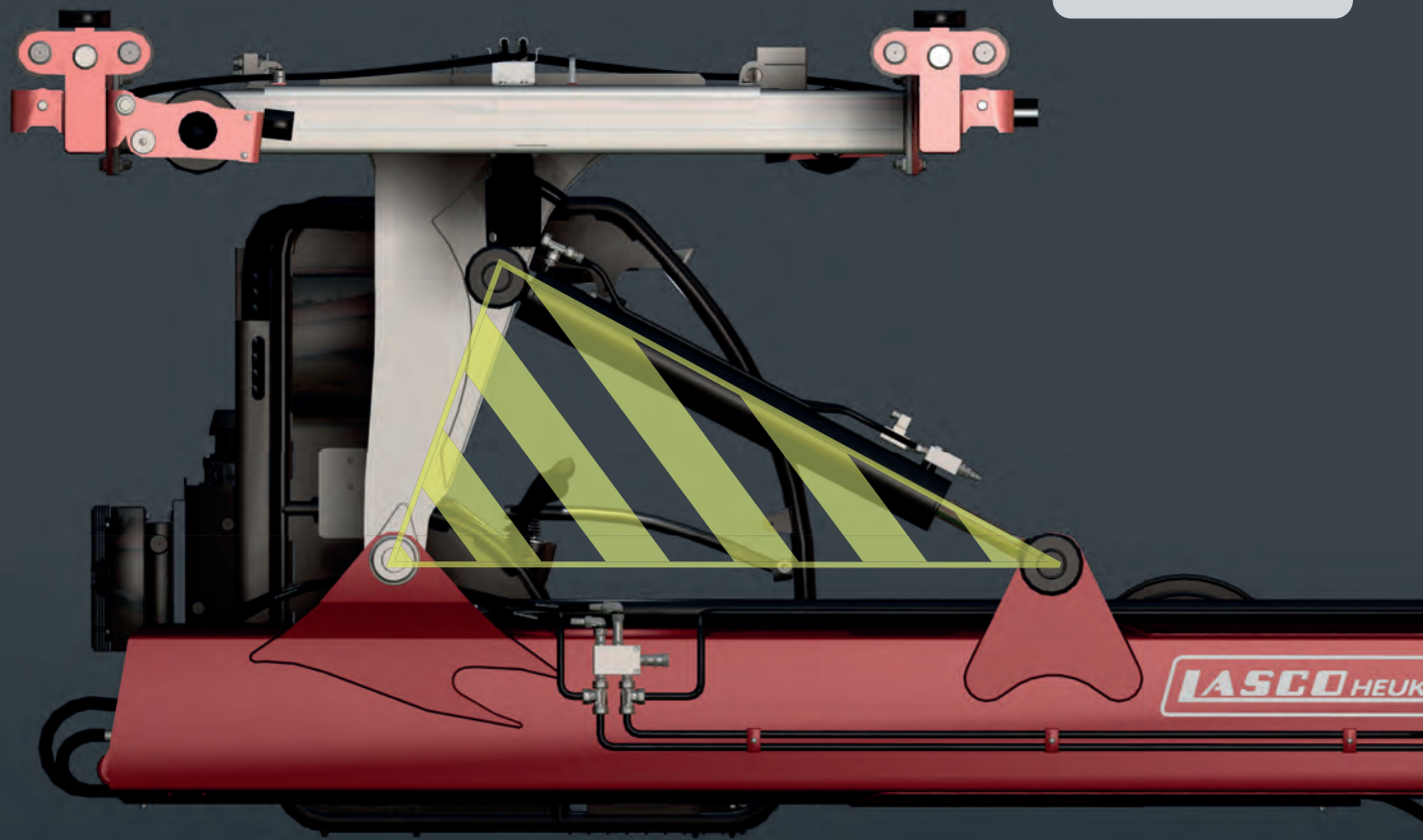
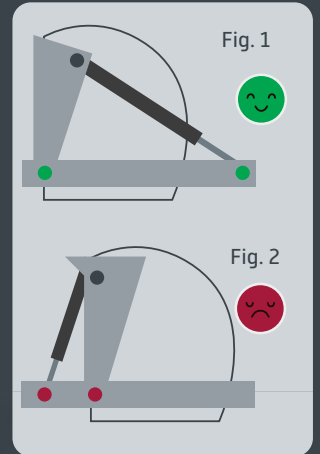
The 15-mm-wide LASC hay crane tines are forged as standard. The tines feature one screw and two clamped connections. This increases their durability.

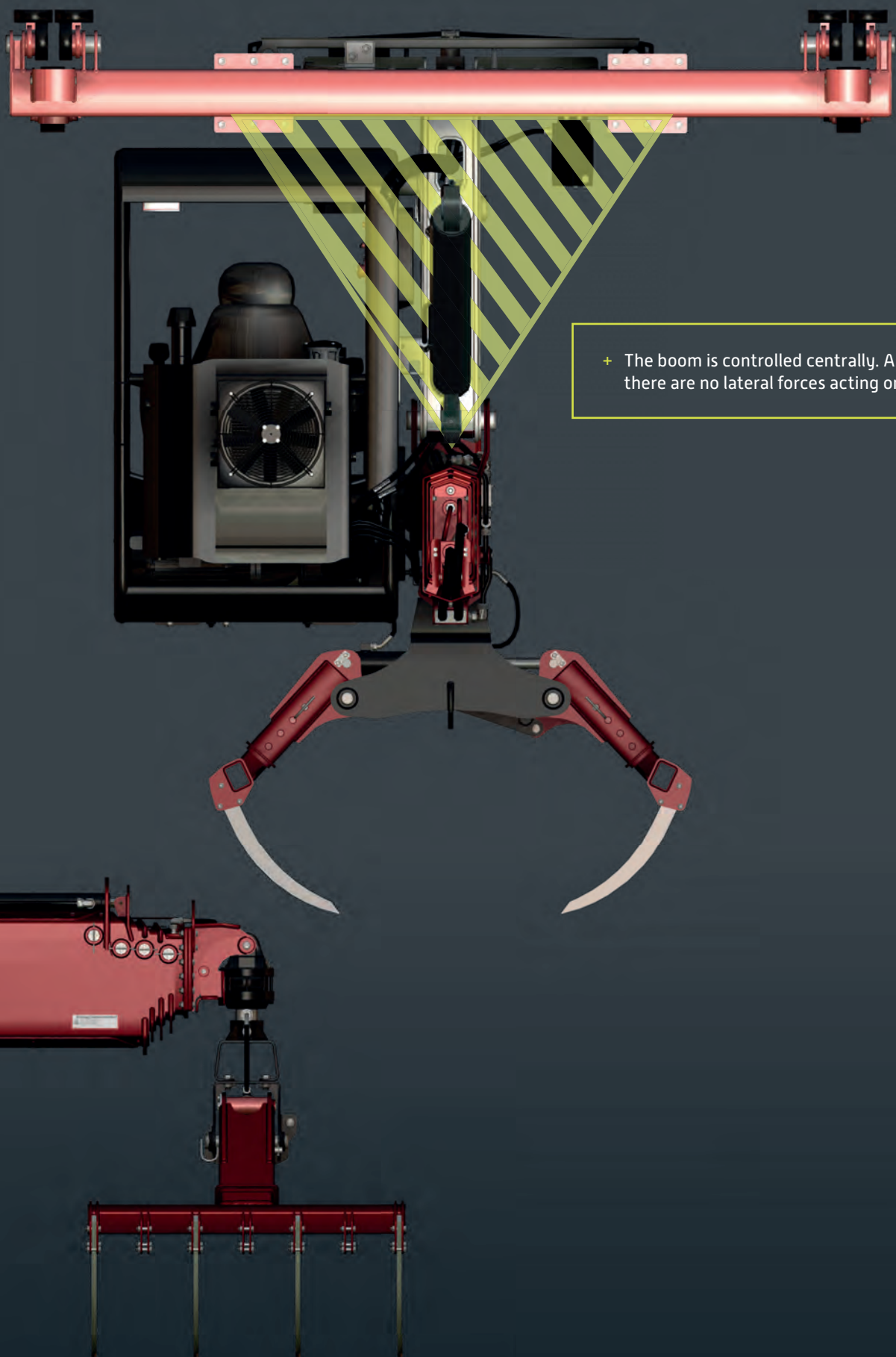
Hexagonal boom

A screwed connection between the boom and fork head absorbs vibrations to protect against material fatigue.

The lifting cylinder – pulling is easier than pushing

- + Gentle to material: Compared to lifting cylinders with a pushing motion (Fig. 2), lifting cylinders with a pulling motion (Fig. 1) distribute loads across a wider load triangle.
- + Less hydraulic pressure for the same lifting capacity thanks to an optimised load triangle
- + More precise control with a longer cylinder stroke





+ The boom is controlled centrally. As a result, there are no lateral forces acting on the boom.

Boom accessories

● **Standard features**

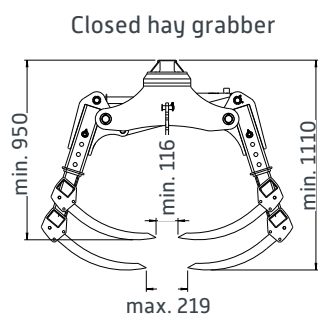
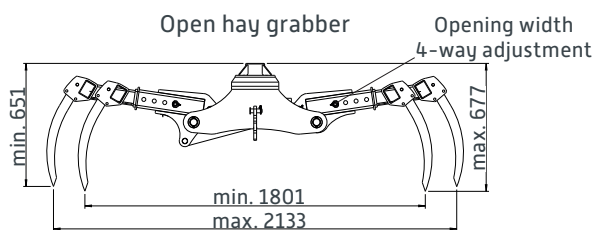
● **Optional**

● **Not possible**



**Gripper 1000 mm with
cylinder and 8 tines**

M30-Alpin M45-M50 M60-M70 M90

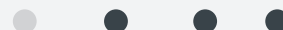


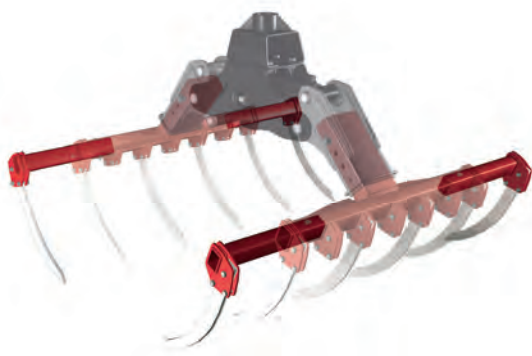
All dimensions in mm



**Gripper 2500 mm with
cylinder and 18 tines**

M30-Alpin M45-M50 M60-M70 M90

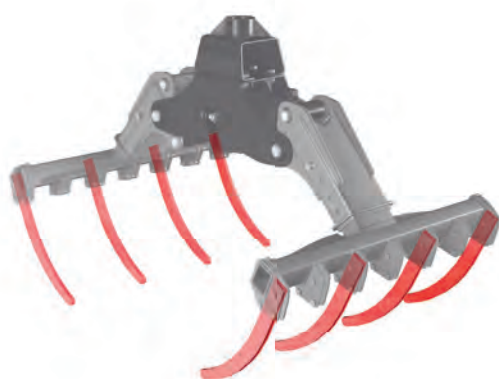




**Gripper extension with
four tines to 1600 mm**



**Gripper extension with
eight tines to 2200 mm**



Wooden floor tines

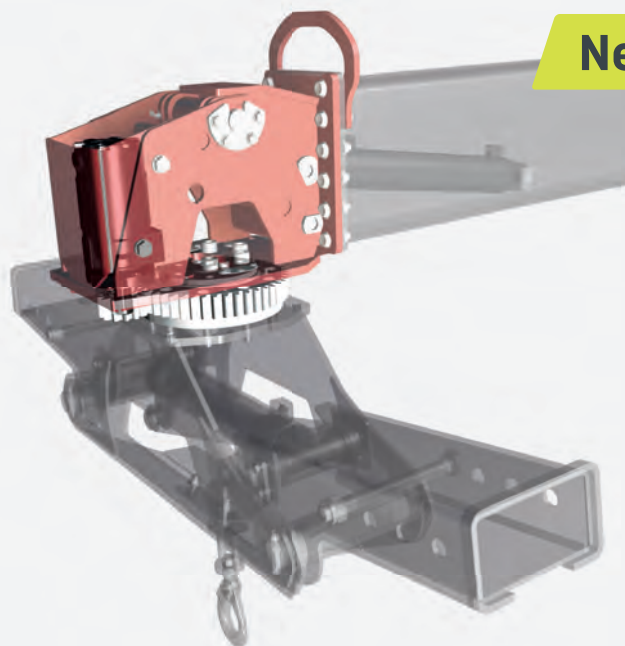


Load hook on the gripper



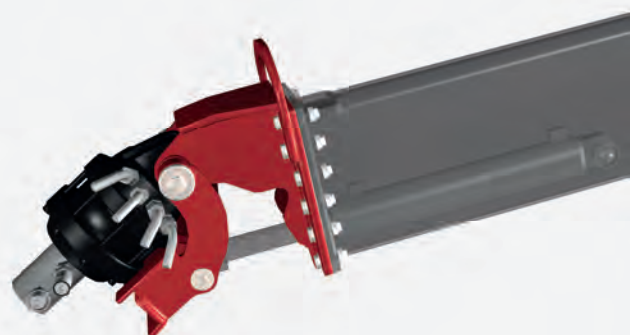
Boom accessories

New!



Gripper head with slewing ring and upright gripper tilt

M30-Alpin	M45-M50	M60-M70	M90
●	●	●	●



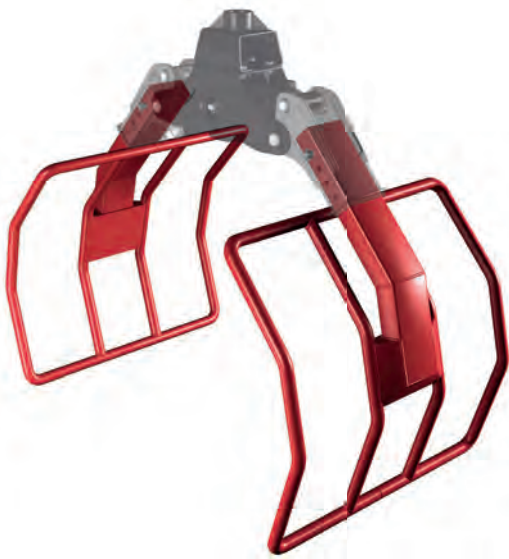
Rotator with upright gripper tilt

M30-Alpin	M45-M50	M60-M70	M90
●	●	●	●

● Standard features

● Optional

● Not possible



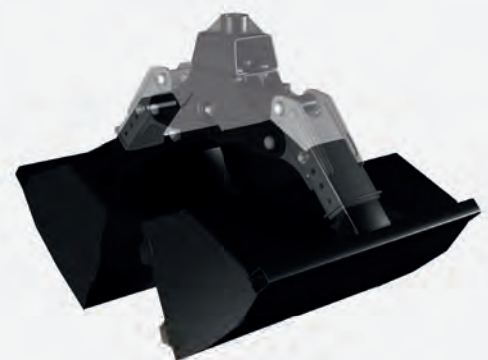
Round bale gripper



Silage rollers



Winch with upright gripper tilt



Bulk goods bucket 1000 mm or 1500 mm



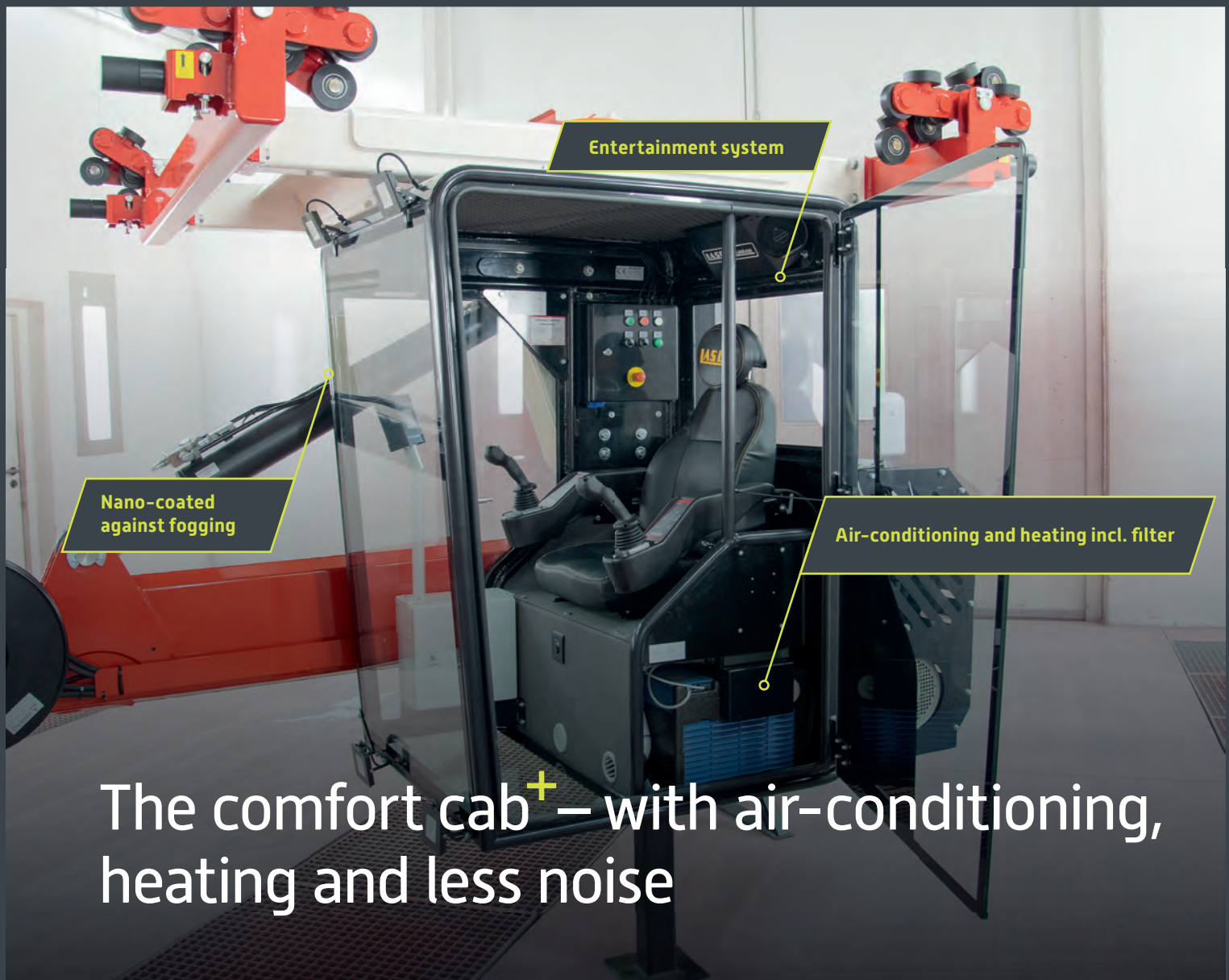
Our cabs

Greater comfort for greater performance

- + The LASCO hay crane series features an electro-proportional pilot control as standard from the M45 model upwards.
- + Both armrest and headrest are height-adjustable.



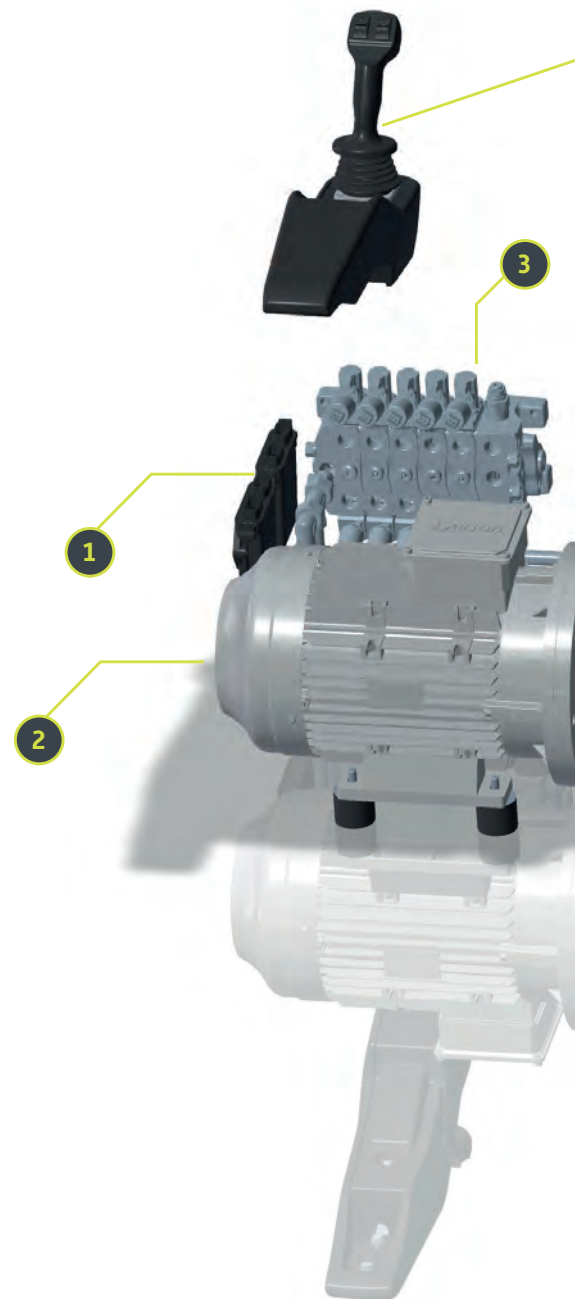
The comfort cab – a workplace where you'll feel at ease

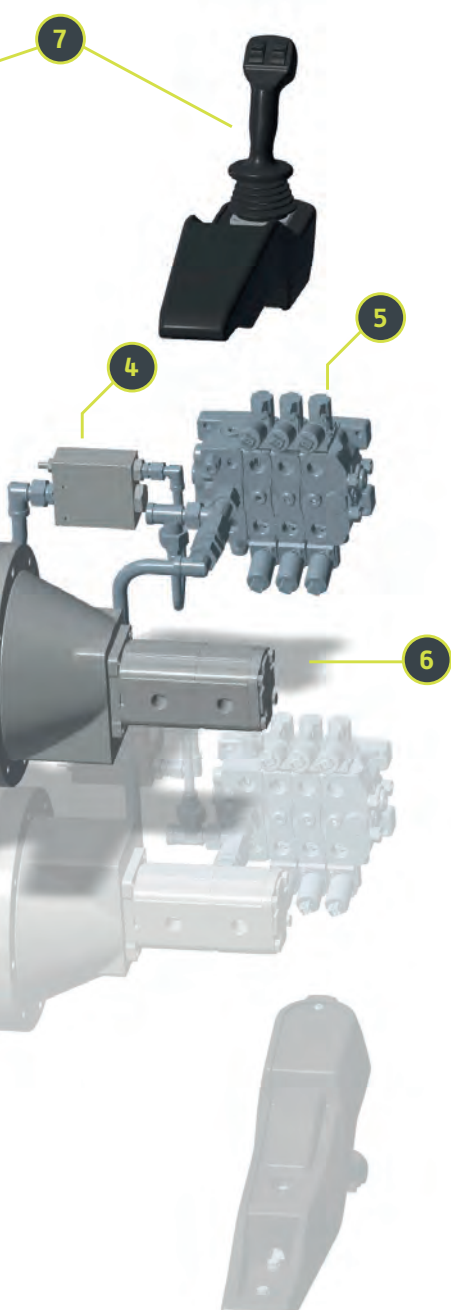


The comfort cab⁺ – with air-conditioning, heating and less noise

Motors and hydraulics: 100% performance at any time!

- 1 The programmable control unit comprises the control software.
- 2 The electric engines with hydraulic pump run very quietly and smoothly. They are available with outputs from 5.5 kW to 18.5 kW.
- 3 The left hydraulic control block controls driving, swivelling and traversing operations, the rotator and the upright gripper tilt.
- 4 The smart cut-off valve is activated when the left hydraulic control block is inactive. This delivers up to 50% greater capacity to the right hydraulic control block.
- 5 The right hydraulic control block controls all work functions such as lifting, extension, hay grabber etc.
- 6 The hydraulic pumps feature helical gearing as standard. This vastly reduces noise levels.
- 7 The ergonomic joysticks transfer inputs seamlessly to the control unit, resulting in highly precise, infinitely variable and fatigue-free work.





Electric motors with hydraulic pump

5.5 kW electric motor (25 l/min)

M30-Alpin	M45-M50	M60-M70	M90
●	●	●	●

7.5 kW electric motor with twin pump (32.0 l/min)

M30-Alpin	M45-M50	M60-M70	M90
●	●	●	●

9.2 kW electric motor with twin pump (48 l/min)

M30-Alpin	M45-M50	M60-M70	M90
●	●	●	●

11 kW electric motor with twin pump (48 l/min)

M30-Alpin	M45-M50	M60-M70	M90
●	●	●	●

New!

15 kW electric motor (2x 7.5 kW with twin pump) (64 l/min)

M30-Alpin	M45-M50	M60-M70	M90
●	●	●	●

New!

18.4 kW electric motor (2x 9.2 kW with twin pump) (78 l/min)

M30-Alpin	M45-M50	M60-M70	M90
●	●	●	●

● Standard features

● Optional

● Not possible



Other outstanding

- **Standard features**
- **Optional**
- **Not possible**

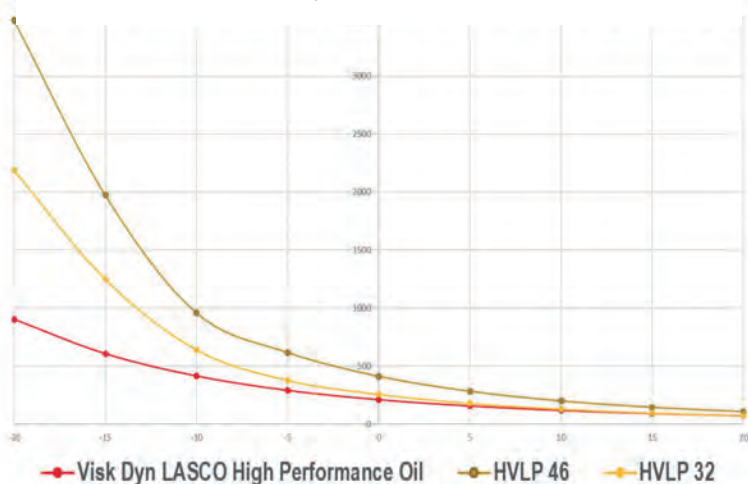
High-performance OIL

Retains its viscosity consistently at cold and warm temperatures. The high-performance oil reduces the noise produced by the hydraulic assemblies and only needs to be changed every 2000 h. Each LASCO hay crane is supplied with this oil as standard. It is downward compatible with conventional hydraulic oils.

M30-Alpin M45-M50 M60-M70 M90



Dynamic viscosity LASCO high-performance oil vs. HVLP 32 and HVLP 46



- + Semi-synthetic base oil
- + High, shear-stable viscosity index
- + Optimised viscosity: 37
- + Excellent functionality at low temperatures
- + Stable lubrication film at high temperatures
- + Excellent hydraulic function in both summer and winter



g features

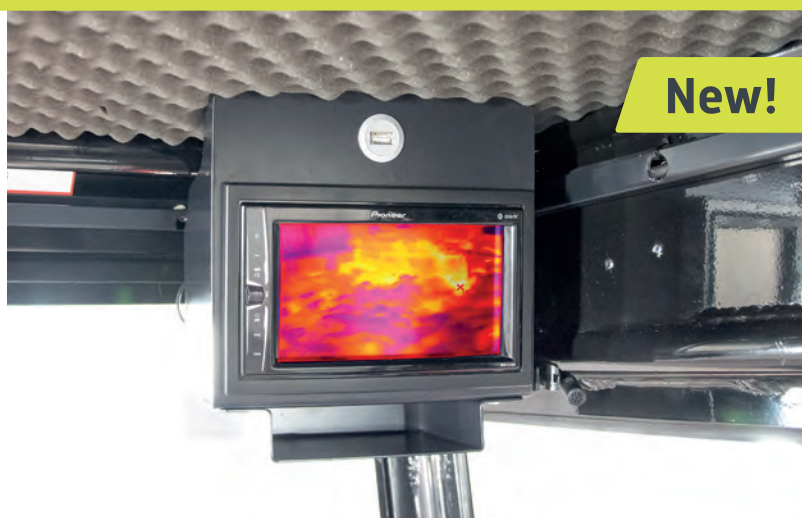
Thermal imaging camera

A thermal imaging camera transmits thermal images to the hay crane cab in real time. This allows operators to identify irregularities or even undesirable air leakage as they fill hay boxes, and they are therefore able to respond immediately by restacking.

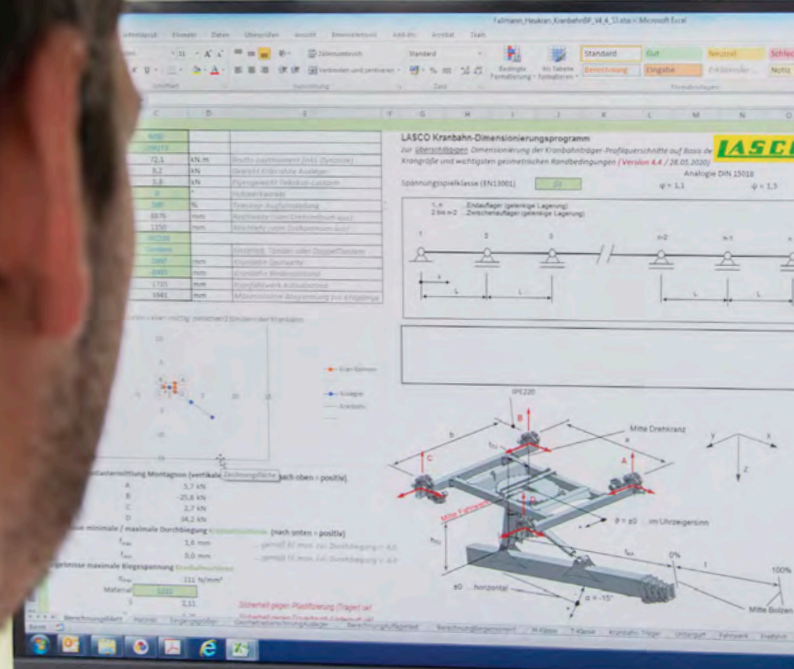
M30-Alpin M45-M50 M60-M70 M90



- + Identifies irregularities as hay boxes are filled
- + Easy restacking of hay boxes
- + More even drying helps save drying costs
- + Can be retrofitted to cranes from any brand
- + Available for all cab types



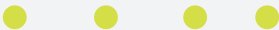
Other outstanding features



Professional planning

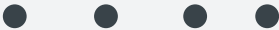
Our planning team is happy to calculate the structural requirements for any hay crane. This produces certainty, enhances safety, saves costs and supports companies in their implementation process.

M30-Alpin M45-M50 M60-M70 M90



Video camera for silage removal
(often purchased in combination with the winch)

M30-Alpin M45-M50 M60-M70 M90

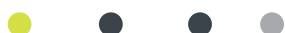


- Standard features
- Optional
- Not possible



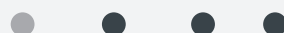
Mechanical control

M30-Alpin M45-M50 M60-M70 M90



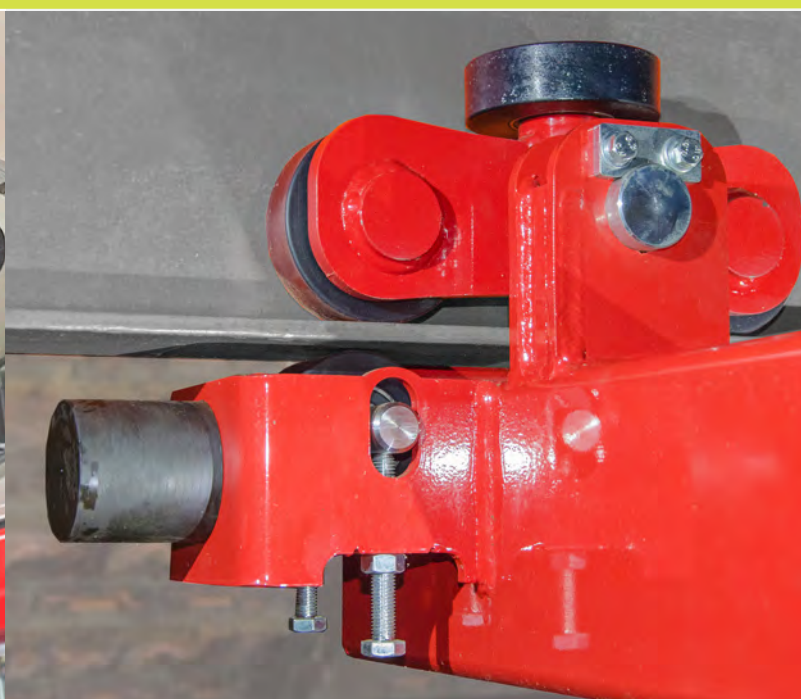
Remote control

M30-Alpin M45-M50 M60-M70 M90



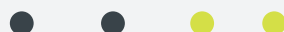
High-performance engines with counter bearings and shock absorbers Minimal flange play for more precise work

M30-Alpin M45-M50 M60-M70 M90

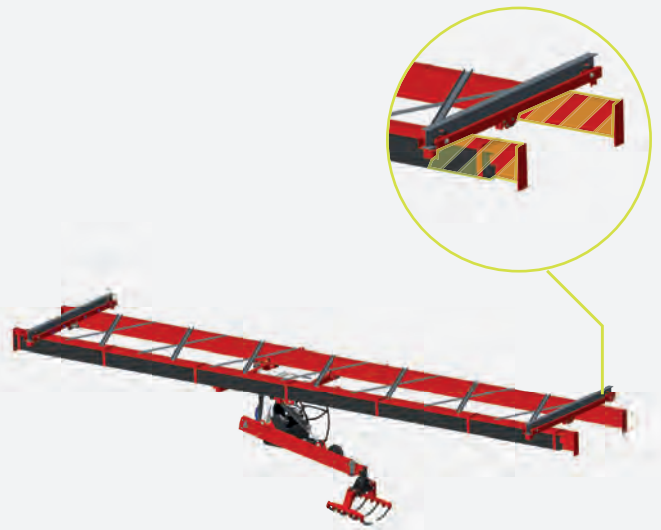


Tandem chassis with track rollers with double bearings and maintenance-free ball bearings Adjustable counter-pressure rollers for improved handling during lifting operations.

M30-Alpin M45-M50 M60-M70 M90



Chassis



Bottom traverse

The bottom traverse allows the traverse to be utilised beyond the longitudinal rail.

M30-Alpin	M45-M50	M60-M70	M90
●	●	●	●

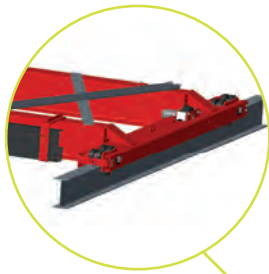


Curve running gear

With the LASCO curve running gear, navigating curved rail tracks in buildings is a breeze.

M30-Alpin	M45-M50	M60-M70	M90
●	●	●	●

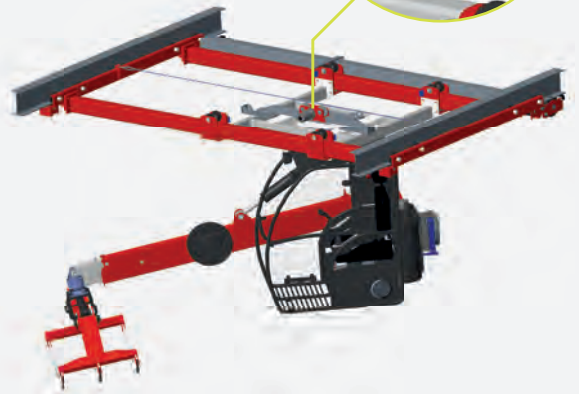
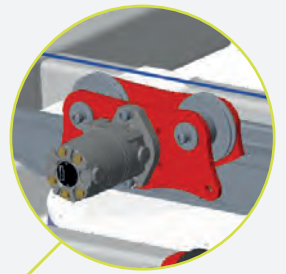
- Optional
- Not possible



Top traverse

A top traverse is particularly well suited for buildings designed for gantry cranes, as it allows the roof space above the rails to be used as well.

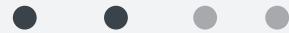
M30-Alpin M45-M50 M60-M70 M90



Side shifting carriage

The side shifting carriage is a cost-effective alternative to the traverse. This option is available for widths of up to 6 m. The cable drive design reliably protects against slip.

M30-Alpin M45-M50 M60-M70 M90



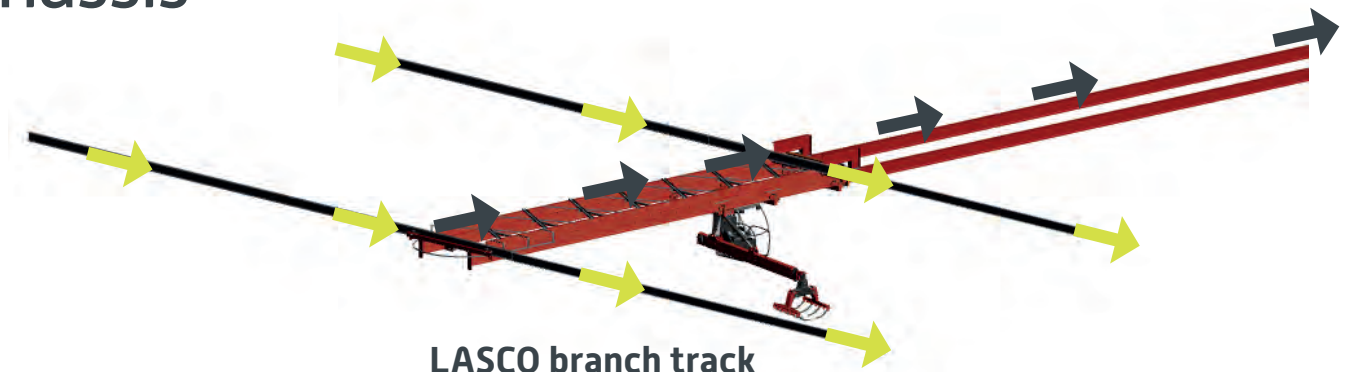
Outdoor operation

The crane can be taken outside of buildings on both sides. This option can be useful, depending on the building structure.

M30-Alpin M45-M50 M60-M70 M90



Chassis



LASCO branch track

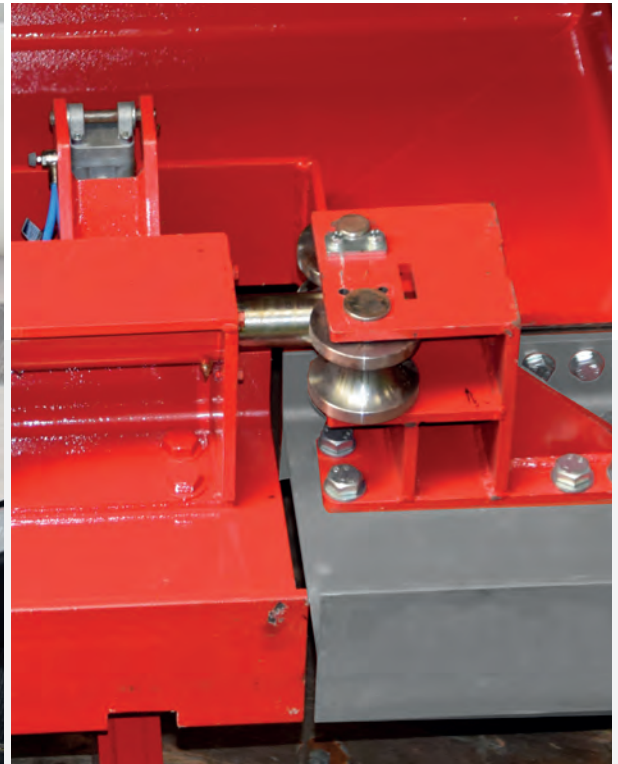
The branch track combines transverse and longitudinal operation. The branch track allows the hay crane to be moved in both a transverse and a longitudinal direction.

M30-Alpin M45-M50 M60-M70 M90



Branch track control

The switch between transverse and longitudinal travel is conveniently made from the in-cab touchscreen.



Branch track lock

The longitudinal and transverse tracks are securely connected by means of bolts before the hay crane is released for longitudinal travel.

- Optional
- Not possible



Lattice beam

The lattice beam (left image) is a modified traverse that provides additional stability in very wide environments.



Electric motor for longitudinal travel

The electric motor produces additional power for longitudinal travel. The motor is only used for longitudinal travel and therefore reduces the load applying to the hydraulic assembly on the hay crane.

M30-Alpin

M45-M50

M60-M70

M90



- + Increases the speed of transverse travel
- + Infinitely variable
- + More power for operating the crane as the load on the hydraulic assembly is reduced
- + Automatic speed reduction at the end of the crane track thanks to a safety switch



En option



Impossible



Double curve

A double curve track gives access to the entire building, which can therefore also be used as a storage space.



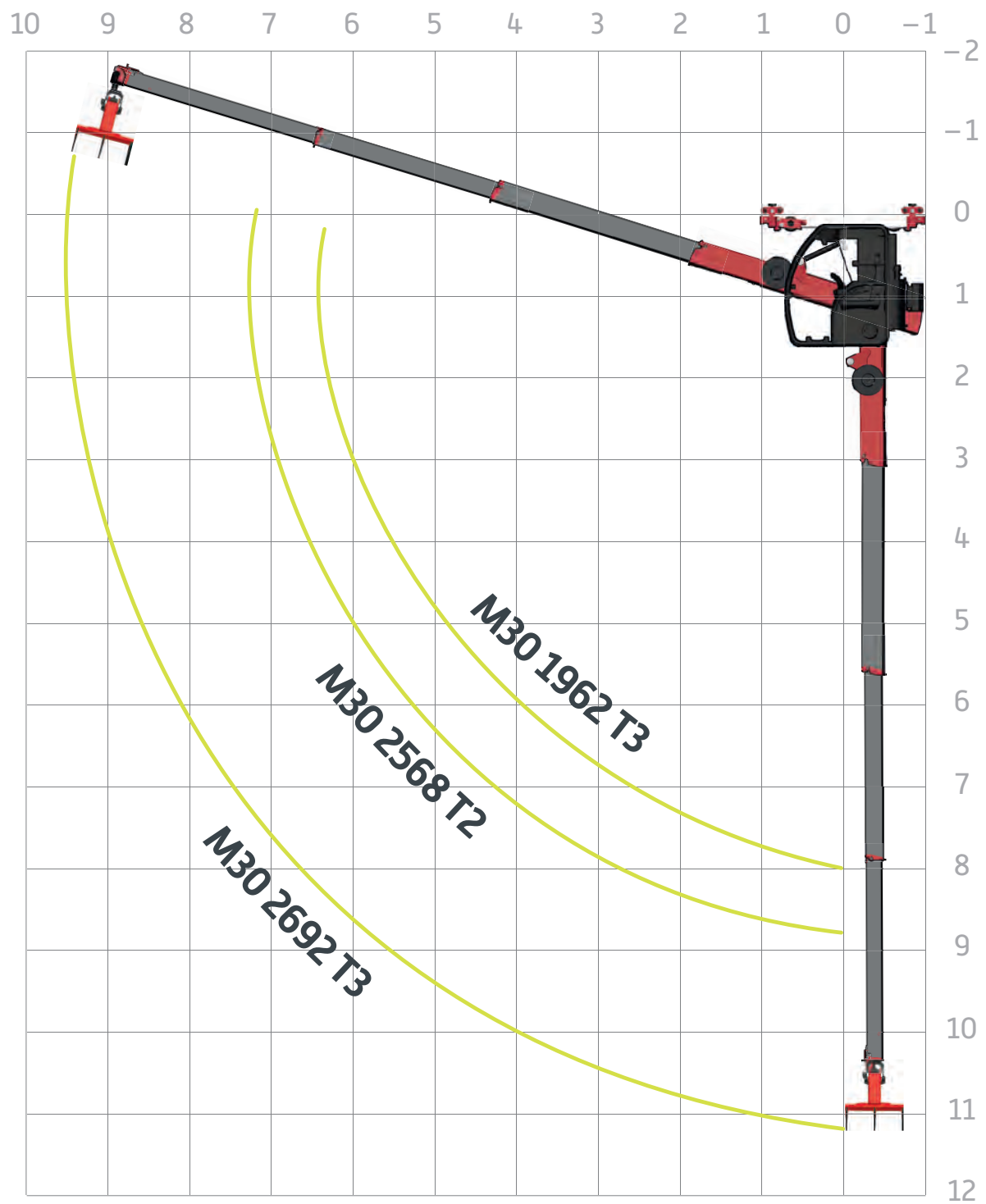
Reach

M30-Alpin

M45-M50

M60-M70

M90

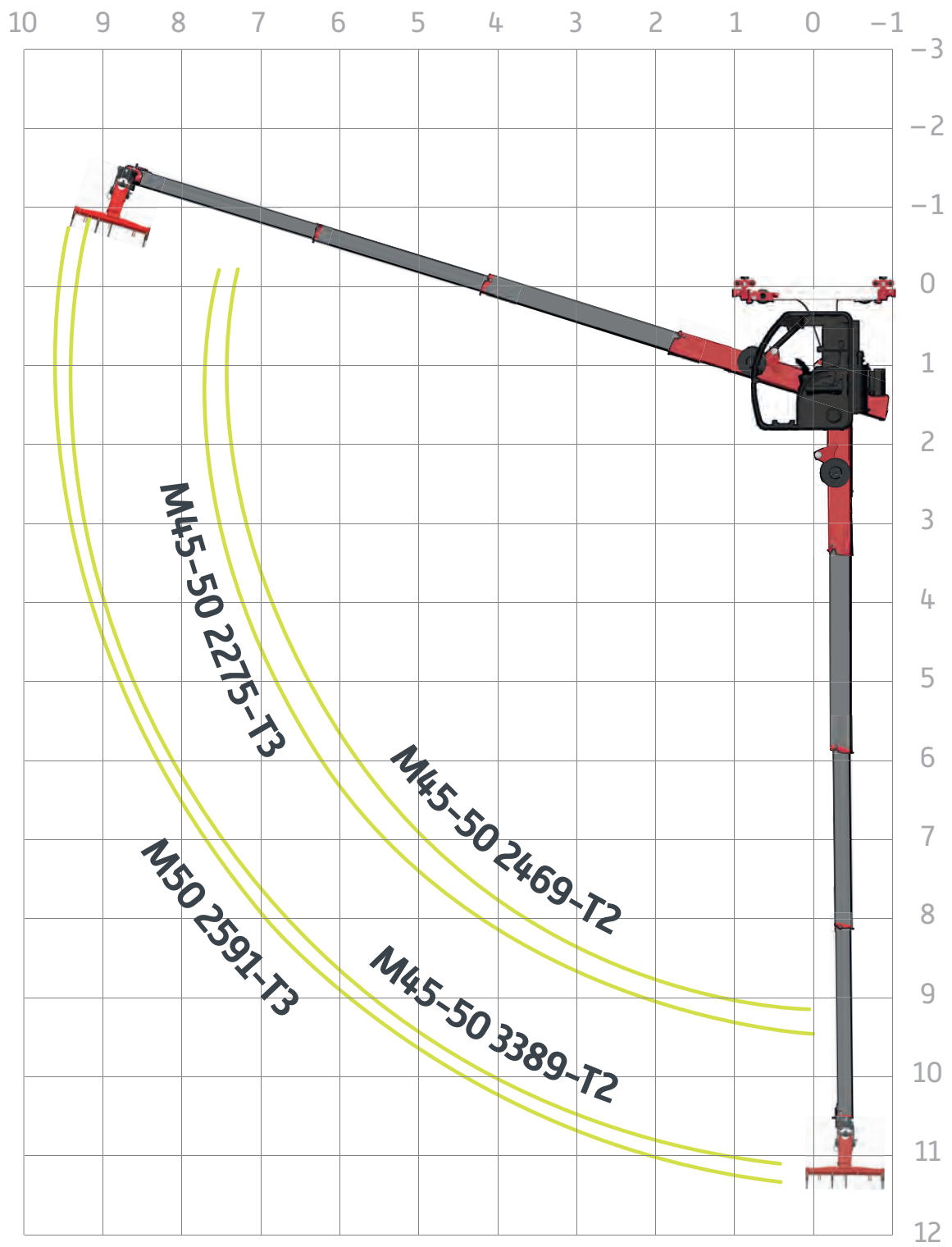


M30-Alpin

M45-M50

M60-M70

M90



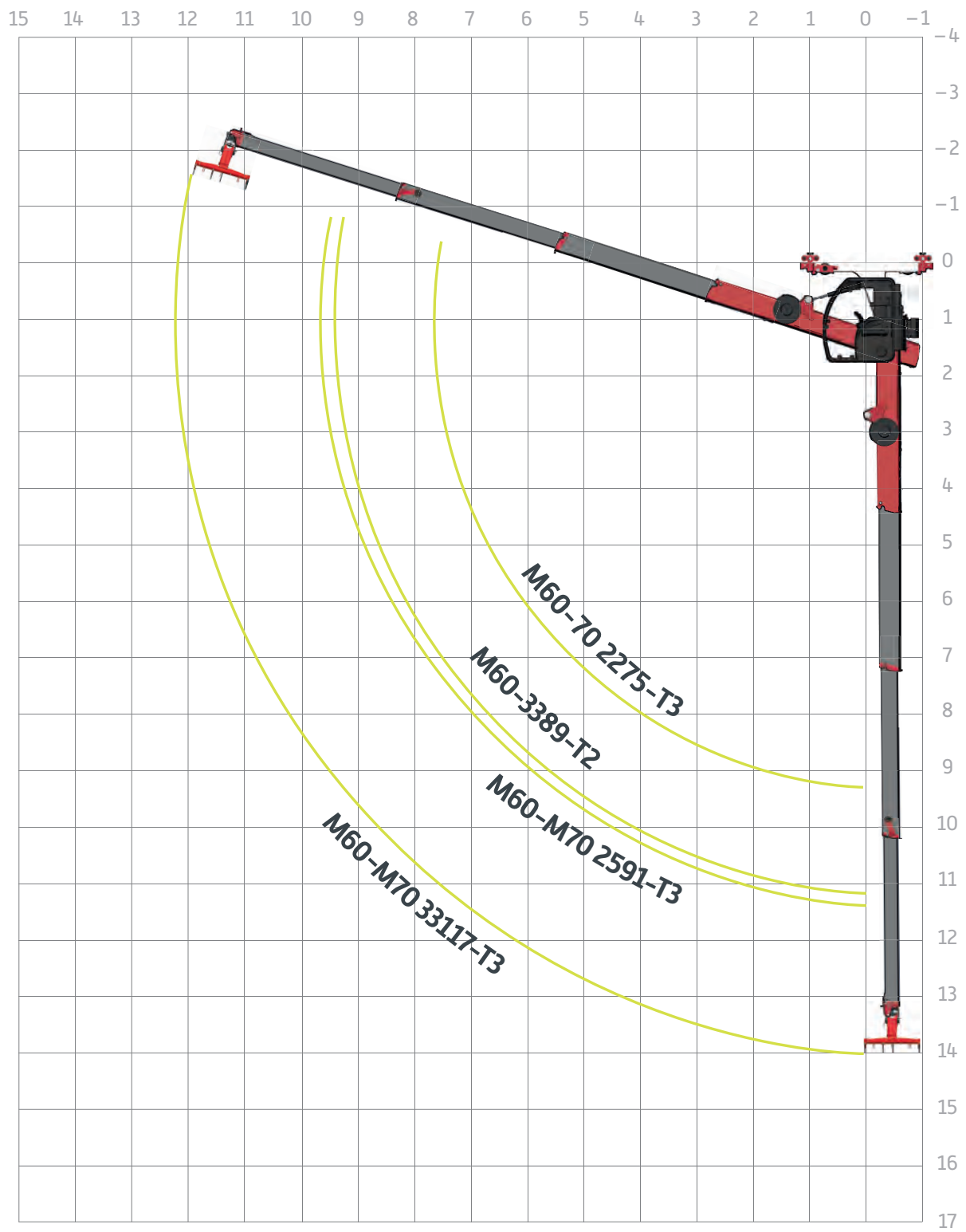
Reach

M30-Alpin

M45-M50

M60-M70

M90

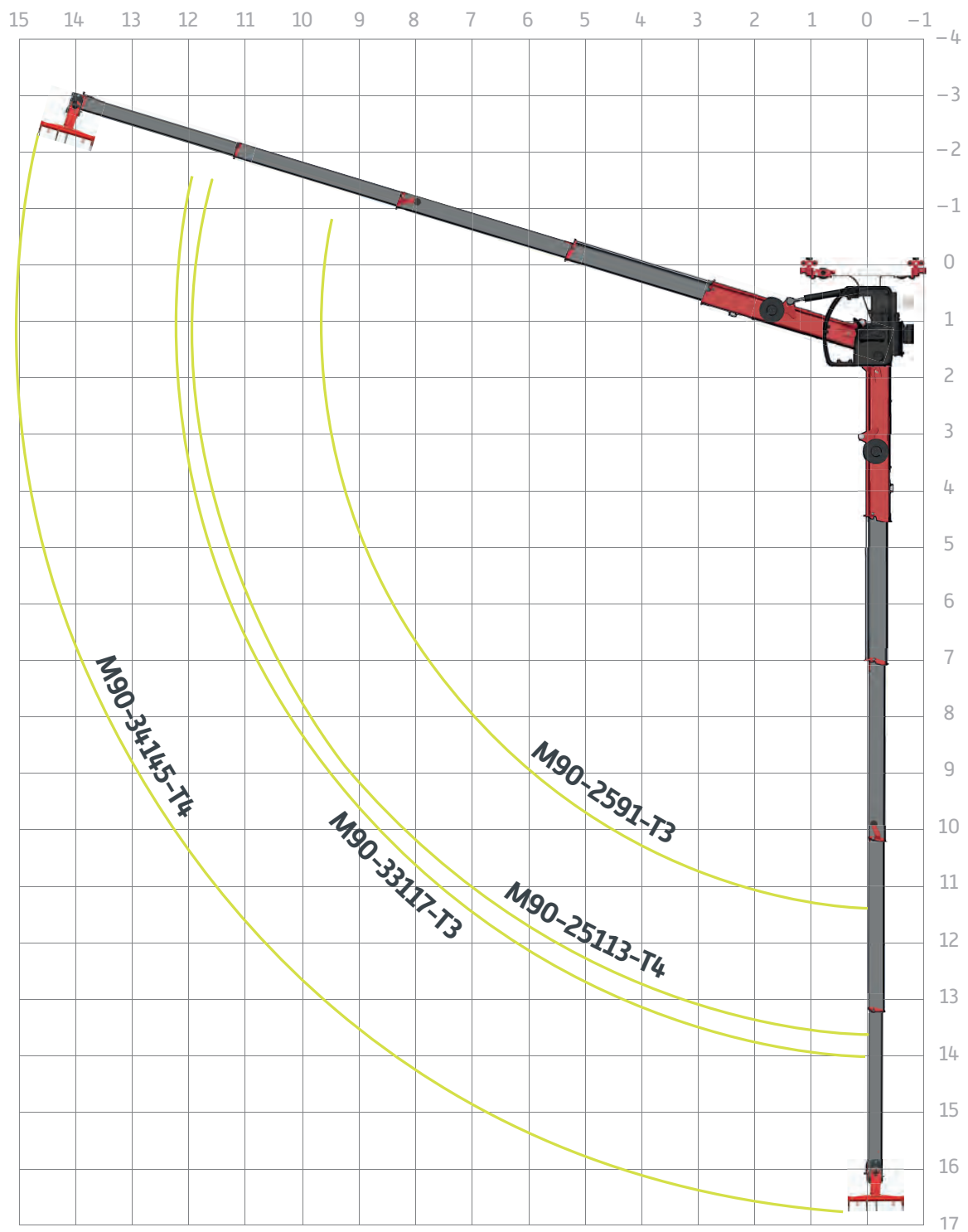


M30-Alpin

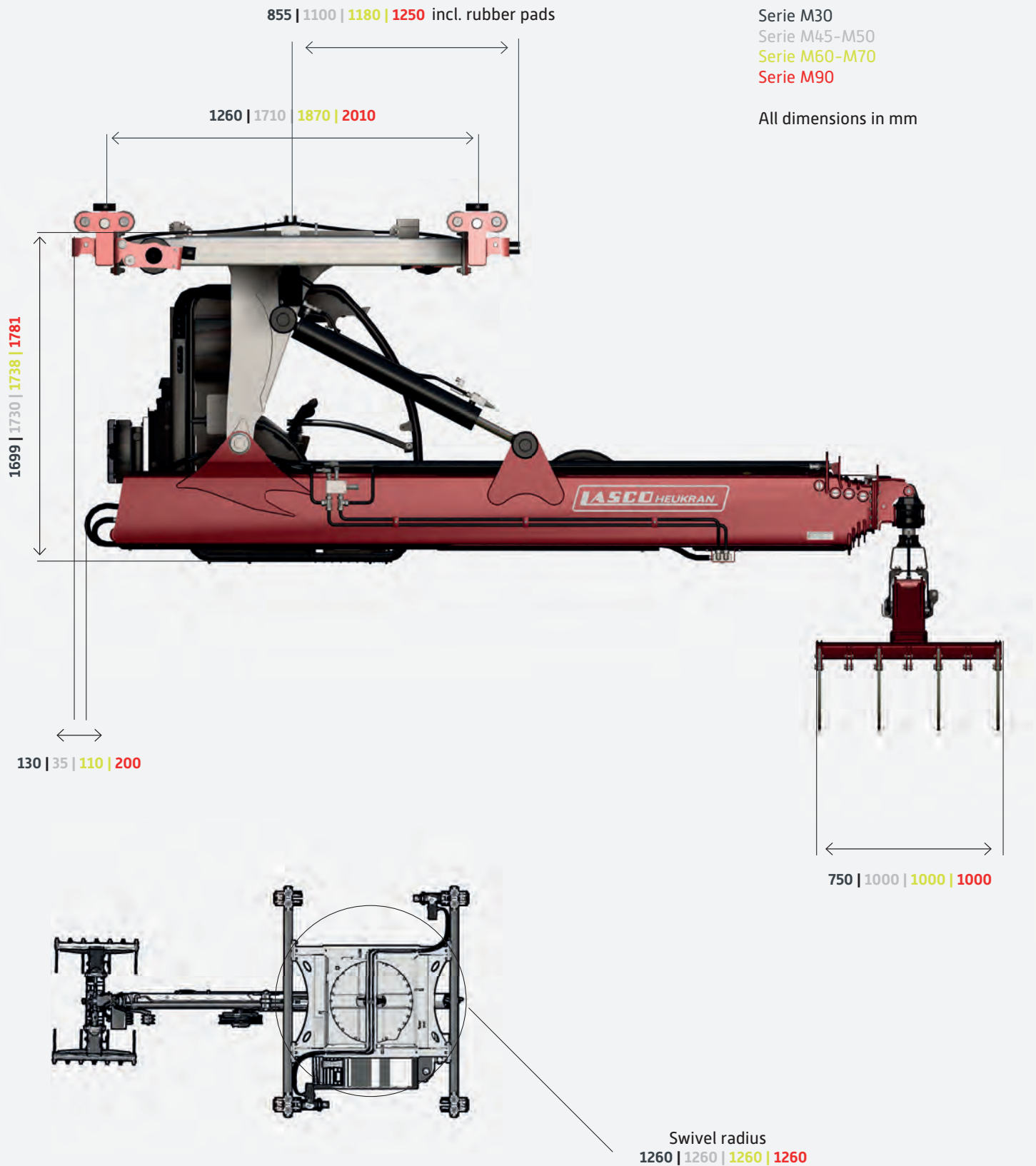
M45-M50

M60-M70

M90



Dimensions





Other products

Biomass hot-air heating



Round bale dryers



Drying fans



Box drying systems



Haytec dehumidifier



LASCO

Brochure 2020 / 2nd edition
Modifications, mistakes, typing and printing errors reserved.
Schematic images and drawings.

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