



Power of Aluminium

Theo25



25 m Working height

19 m Working radius

Continuous rotation

Simple handling

Theo25

Alu-Power by



The high-performance Klaas elevating work platforms, Theo20 and Theo25, benefit from our decades of experience in the development of mobile cranes with aluminium booms and work platform function. Thanks to their simple handling and sophisticated technology, they can be quickly and conveniently set up and dismantled using the control console. The low-maintenance rope technology enables teles-

coping under load, meaning that even difficult to access work areas can easily be reached. The Theo with its working height of 25m plus its enormous reaches to the rear and to the side, not only makes work easier for roofers, building cleaners and assembly firms. The platform can also be used efficiently in a variety of ways for facade engineering and horticultural purposes. Set up on a sturdy Iveco Daily, it meets the Euro 6

emissions standard and can thus be used without hesitation in the inner-city area.



Basket control station

- High-quality basket control station in terms of ergonomics and feel, optimally adapted to the operator's needs
- Easy to operate thanks to direct selection of important functions and clear presentation
- Extremely sensitive joysticks for precisely controlling the platform
- Informative, large colour display clearly showing all key platform operating statuses
- With integrated plastic protective cover



Klaas boom system

- Boom is continuous rotation
- Extremely strong and weather-resistant aluminium special alloy with low net weight
- No strength loss in the welding seam due to new stir welding process, joints are as strong as the solid material
- Quick telescoping under load thanks to patented Klaas rope technology
- Extremely low-maintenance and durable rope technology
- Completely enclosed boom so that no objects such as twigs etc. can get into the inside of the mast



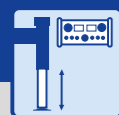
Working platform

- Convenient access via self-closing swing door, as well as the possibility to step over at the front of the basket
- Work basket rotates by 90° to each side using a joystick
- 230 V-socket for power tools
- Lashing points conforming to standards for the PPE directly in the work platform



Support system

- Fully hydraulic HV-outriggers in conjunction with ASC support monitoring system enables variable outrigger widths, even in the direction of the range of action
- No fixed increments that restrict the operator.
- Optimum user protection thanks to permanent monitoring of stability and indication via the display of the cage control panel.
- Integration of the hydraulic lines in the outrigger beams, thus protection against damage by falling objects.



Automatic levelling

- Quick and easy set-up and dismantling via the control console
- Fully variable outrigger extension
- Self levelling outrigger set-up even on uneven surfaces
- Constant pressure monitoring reacts to changing outside conditions



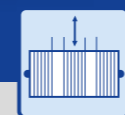
Platform control

- Ultra-modern safety control system (PLC) for operating the platform according to DIN EN 280
- Modern CAN BUS control block for particularly sensitive and accurate work
- Soft start/stop, levelling cylinders and luffing cylinders provide for low-vibration work
- Optional control of all key basket functions via second cable remote control from below
- Freely selectable presetting of angle of rotation, reach and height to avoid danger zones.



Drive concept

- Platform operated by powerful truck engine with auxiliary drive (PTO)
- Modern controller and electrical components enable standstill whilst set up over a longer period of time
- Electronic fuel level monitoring via control console



Telescopic winch

- Quick telescoping under load thanks to patented Klaas rope technology
- Low net weight of the ropes increases range of action and payload
- Low-maintenance and very easy to reach rope technology
- Highest safety thanks to double rope guide



Full panelling

- Completely closed full panelling made of anodised aluminium smooth plate ensures a clean and high-quality overall appearance.
- Doors and bonnets ensure accessibility to various components.

Euro6-Norm

- Modern carrier vehicle meets the Euro 6 emissions standard
- No restrictions in inner cities

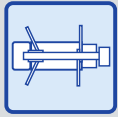


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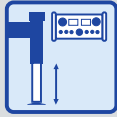
Equipment



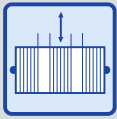
TSR boom system



V-Outriggers



Automatic levelling



Telescopic winch



Energy supply



Working platform



Platform control



PTO



Full panelling



Basket control station



Continuous rotation

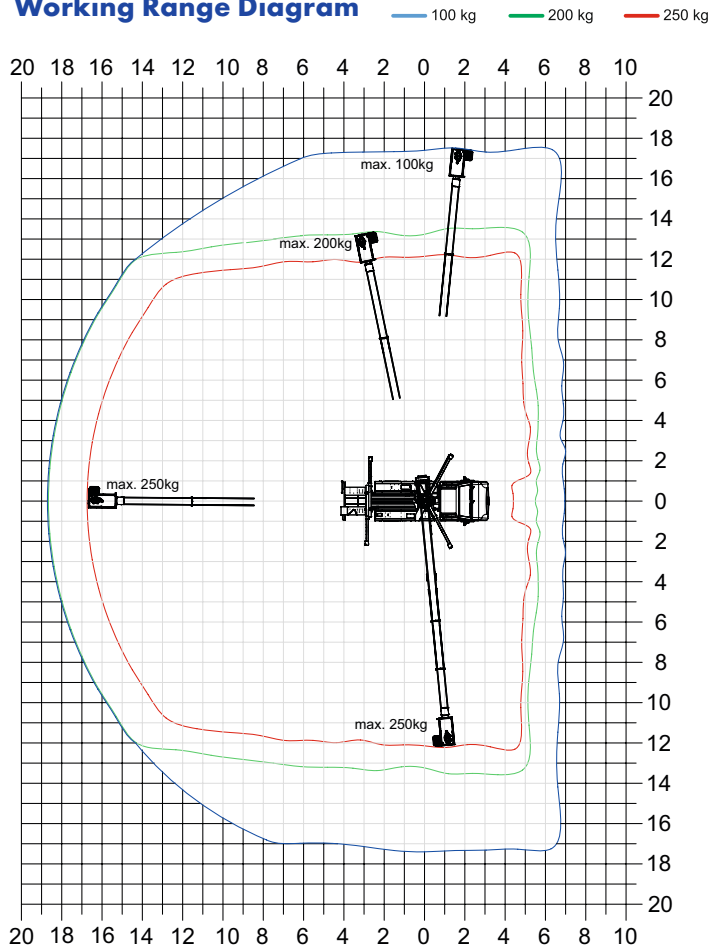


Remote control from below (opt.)

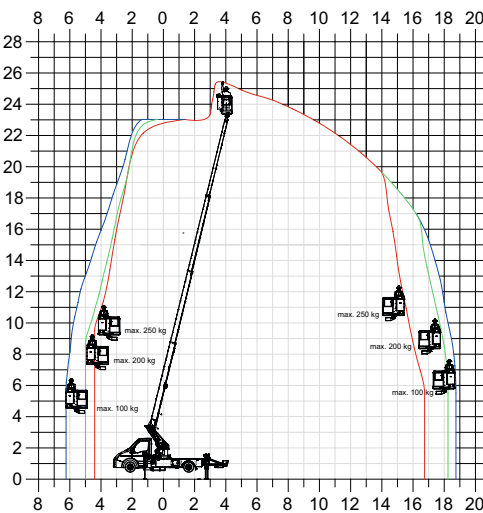
Technical specifications

Working height	25 m
Max. Range to the rear	19,30 m
Max. Range to the side	17 m
Swivel range	continuous rotation
Work basket angle of rotation	180°
Basket capacity	250 kg
Large work basket	1,4 m x 0,7 m
Outrigger width (min.)	2,24 m
Outrigger width (max.)	at the front 4,50 m at the back 4,25 m
Total weight* (min.)	3,5 t
*depending on truck type	

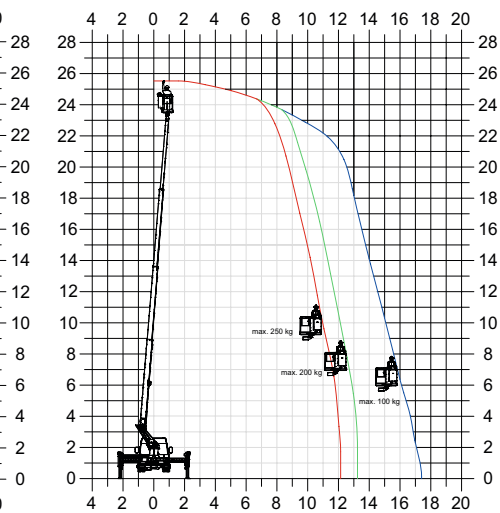
Working Range Diagram



Range to the rear



Range to the right



Subject to technical changes. All specifications are approximate. Changes to the functions and services are reserved. The information reflects the device performance at the time of printing.

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