



20 m Working height
14 m range with 250 kg
Continuous rotation



- Enormous ranges thanks to patented rope technology
- Carrier vehicle meets the Euro 6 emissions standard
- Integration of the hydraulic lines into the support beams

Theo20

Alu-Power by **Klaas**

The latest product in the Klaas range: the Theo20 as the 'little brother' of the Theo25. Identical in terms of quality, operating convenience and functionality, it is the more cost-effective version with a working height of 20 m. Nevertheless this elevating work platform achieves with 100 kg basket payload the enormous range of 14.5 m to the rear

and to the side. The work basket impresses with its high stability and is operated using an intelligent control system with memory function. It offers the ability to get in and out at the front and back. Set up on a sturdy Nissan Cabstar, 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



TSR

TSR boom system

- Boom is endlessly rotatable
- 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



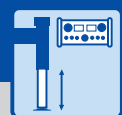
Working platform

- Ability to get in and out at front and back via a self-closing door
- Work basket rotates infinitely 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



V-outriggers

- Fully hydraulic 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
- Optimal user protection thanks to constant monitoring of the stability
- Integral hydraulic lines to outrigger beams, thus protection against damage from 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



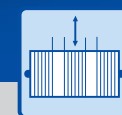
Platform control

- 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 angle of rotation presetting
- Freely selectable throat and height presetting



Drive concept

- Platform operated by powerful truck engine with auxiliary drive (PTO)
- Modern controller and electrical components enable standstill whilst set up for up to four hours
- 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
- Lockable doors and hoods ensure inaccessibility to various components
- High-quality design due to full panelling

Euro6-Norm

- Modern carrier vehicle meets the Euro 6 emissions standard without hesitation in the inner-city area

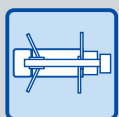


Theo20

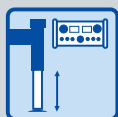
Equipment



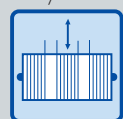
TSR boom system



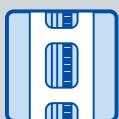
V-Outriggers



Automatic levelling



Telescopic winch



Energy supply



Working platform



Platform control



Drive concept



Full panelling



Basket control station



Continuous rotation



Remote control from below (opt.)

Technical specifications

Working height 20.00 m

Max. range to the side 14.5 m with 250 kg basket load

Swivel range endlessly rotatable

Work basket angle of rotation 180°

Basket capacity 250 kg

Large work basket 1.4 m x 0.7 m

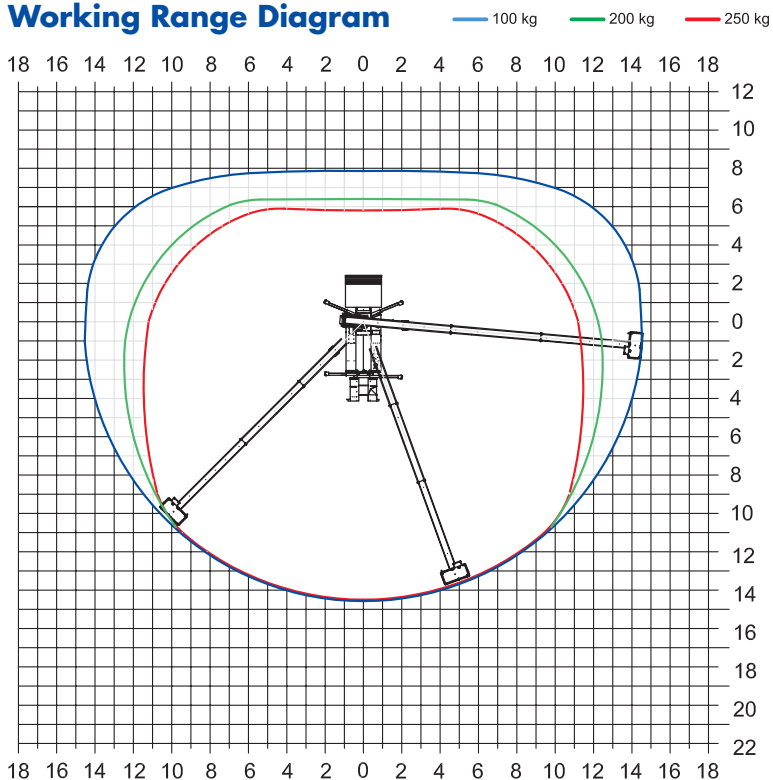
Outrigger width (min.) 2.24 m

Outrigger width (max.) at the front 4.26 m
at the back 4.25 m

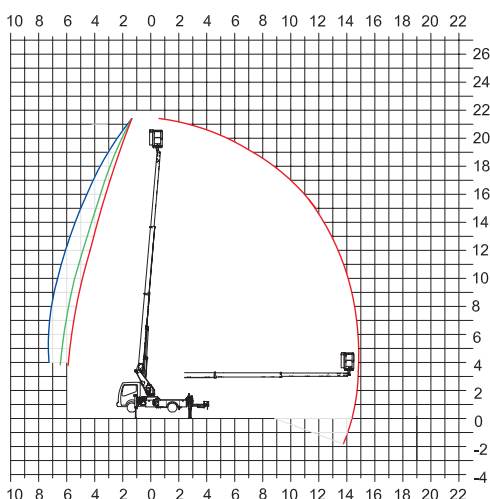
Total weight** (min.) 3.5 t

**dependent on truck type

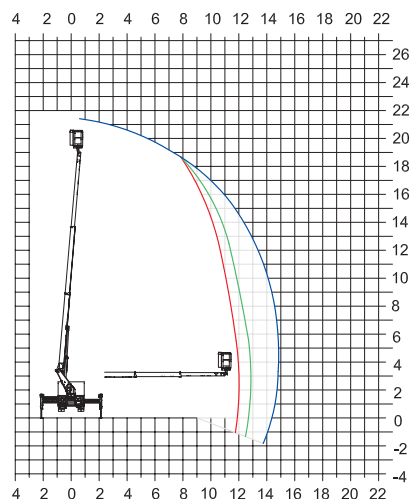
Working Range Diagram



Range to the rear



Range to the right



Service- & Vertriebs GmbH

Raiffeisenstraße 26 · D-59387 Ascheberg

Tel.: +49 (0)2593-95 92-0 · Fax: +49 (0)2593-95 92-15

info@klaas.com