

Truck Crane AK 42

AK 42e



Technical Data

Permissible gross vehicle weight [t]	18
Max. payload [kg]	3,000 (opt. 6,000)
Max. extension length [m]	41.9 (opt. 44.9)
Working height up to jib [m]	27.5
Jib hydraulically extendable [m]	6.3 - 14.4 (opt. 17.4)
Jib payload [kg]	3,000 - 1,000 (500)
Boom angle [degrees]	90
Jib angle [degrees]	180
Pivoting range [degrees]	endless
Hook speed [m/min]	60
Range for crane operation at 500 kg [m]	28.0
Range for crane operation at 1 t [m]	23.4
Range for crane operation at 2 t [m]	15.2
Range for crane operation at 3 t [m]	11.4
Range for crane operation at 4 t [m]	7.8
Range for crane operation at 6 t [m]	5.7
Range / Working height max. [m]	
with non-rotating basket 250 kg	29.7 / 42.8
with rotating basket 350 kg (PK 350-D)	24.7 / 38.6
with rotating basket 600 kg (PK 600-D)	21.2 / 36.5
Drive	PTO power take-off / 400 V hybrid / battery drive with 230 V/400 V charging technology

Preliminary data, subject to change. All rights reserved for changes. All specified values are maximum values.



The truck crane AK 42 works faster than ever and, thanks to its innovative boom design made of high-strength fine-grained steel, impresses with surpassing lateral stability, particularly in the range of 1 to 3 tons load. With an attached load of 1.5 t it reaches working ranges of 18 m with a maximum height of 24 m. The maximum lifting capacity of 6 t and extension lengths reach up to 42 m.

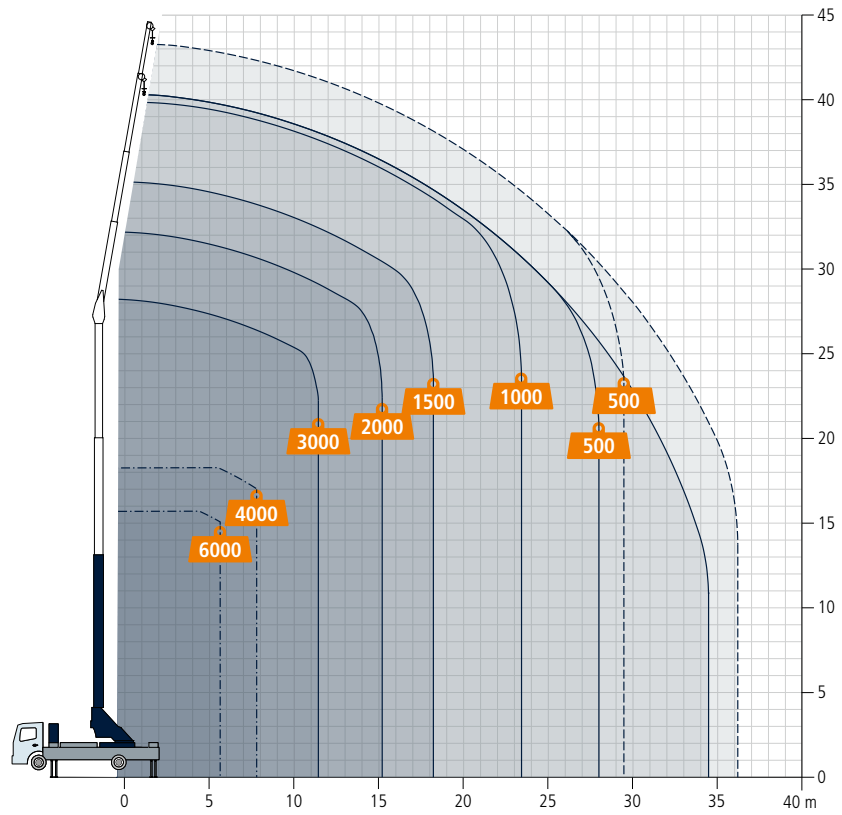
The performance of the hydraulic system is increased up to 70 % compared to previous systems so that the AK 42 operates at significantly improved speeds. As a result, the crane is ready for use in short time and several crane functions can be operated at the same time without loss of speed.

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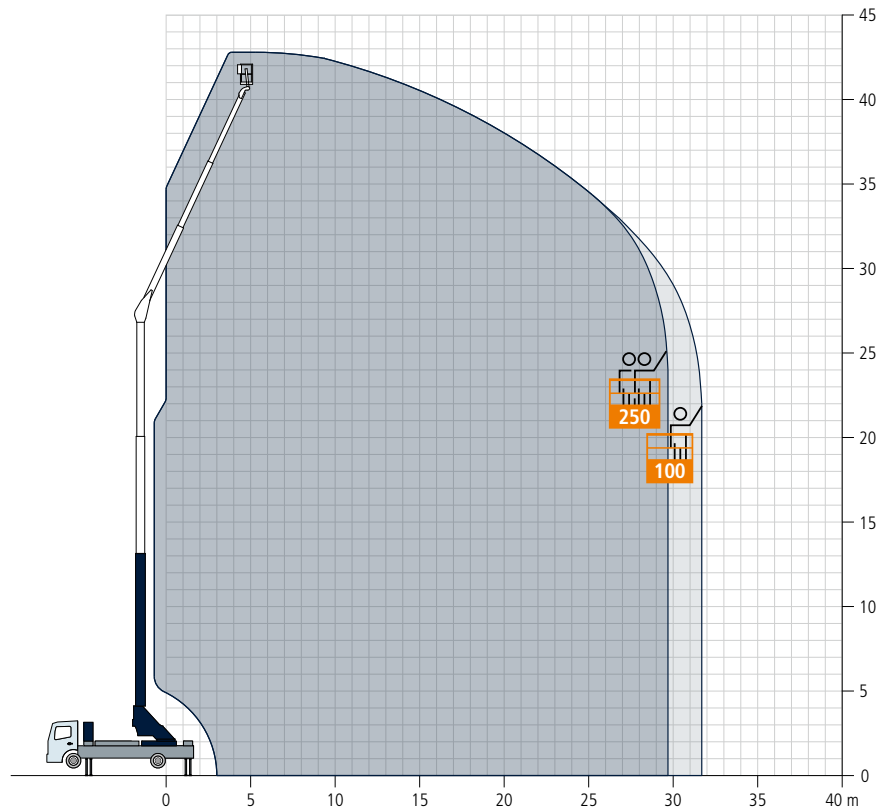
Working range
crane operation

-  Load in kg
-  Single-fall operation
-  Two-fall operation
-  With jib-extension (3 m)



Working range
platform operation

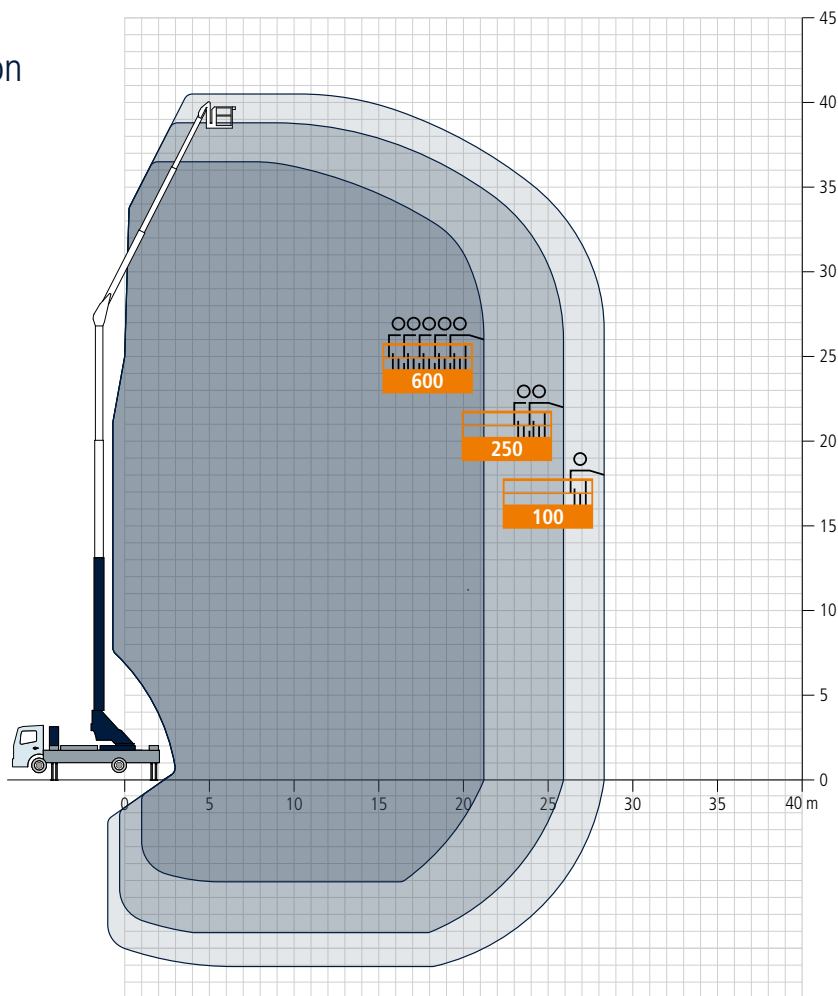
Non-rotating basket PK 250-1



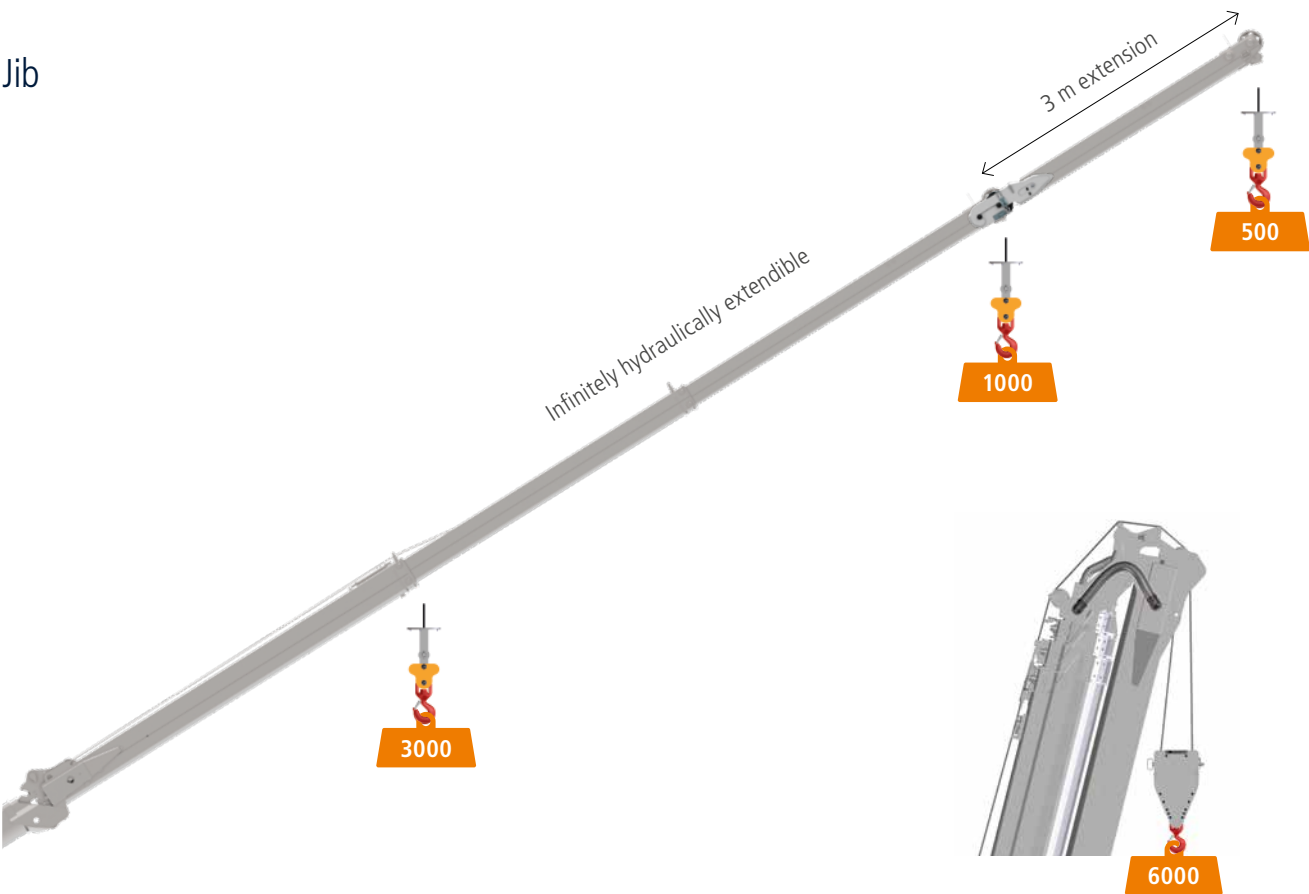
Preliminary data. All weights in kg, all measurements subject to fluctuation.

Working range platform operation

Rotating and extendible
work basket PK 600-D

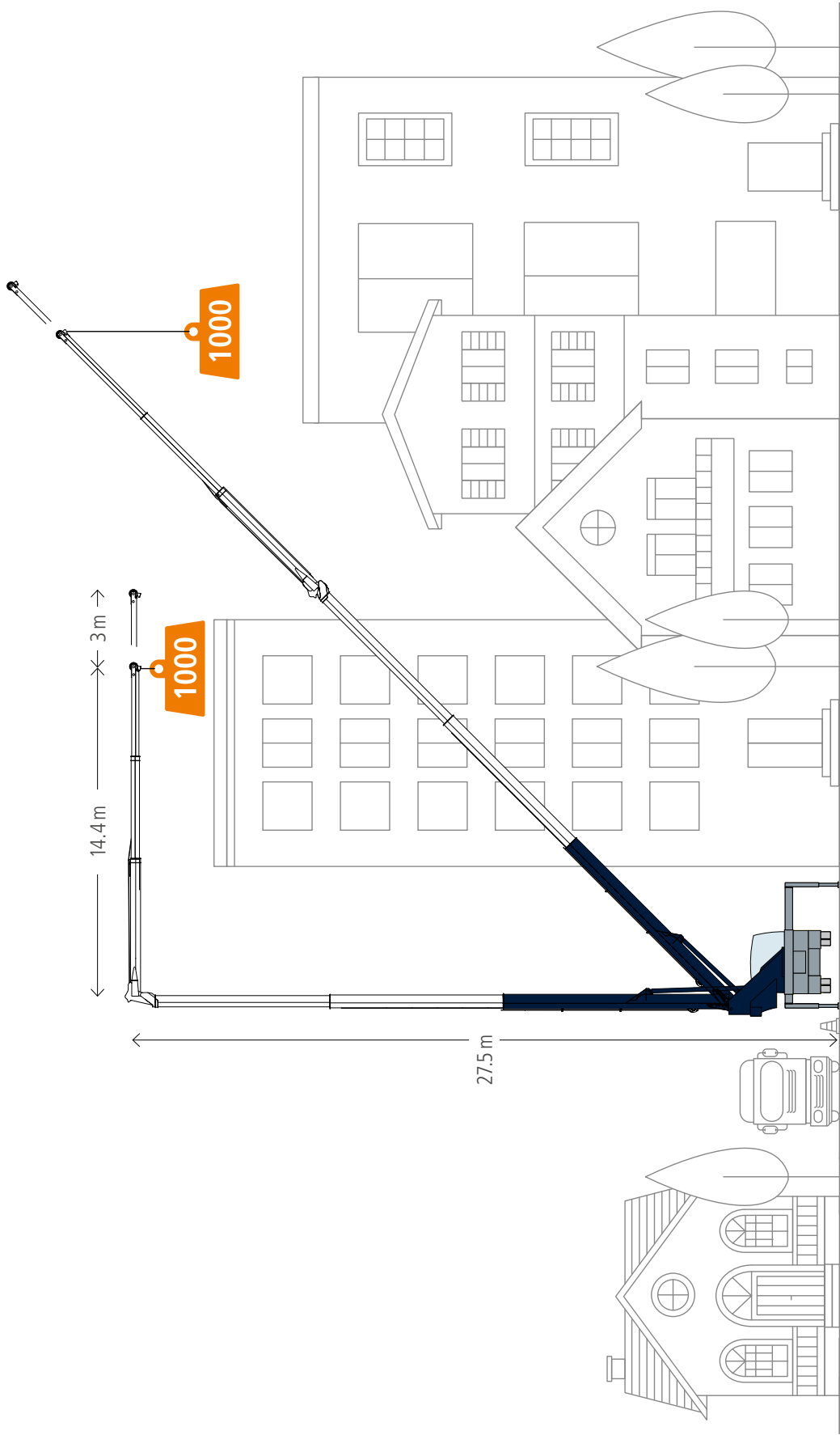


Jib



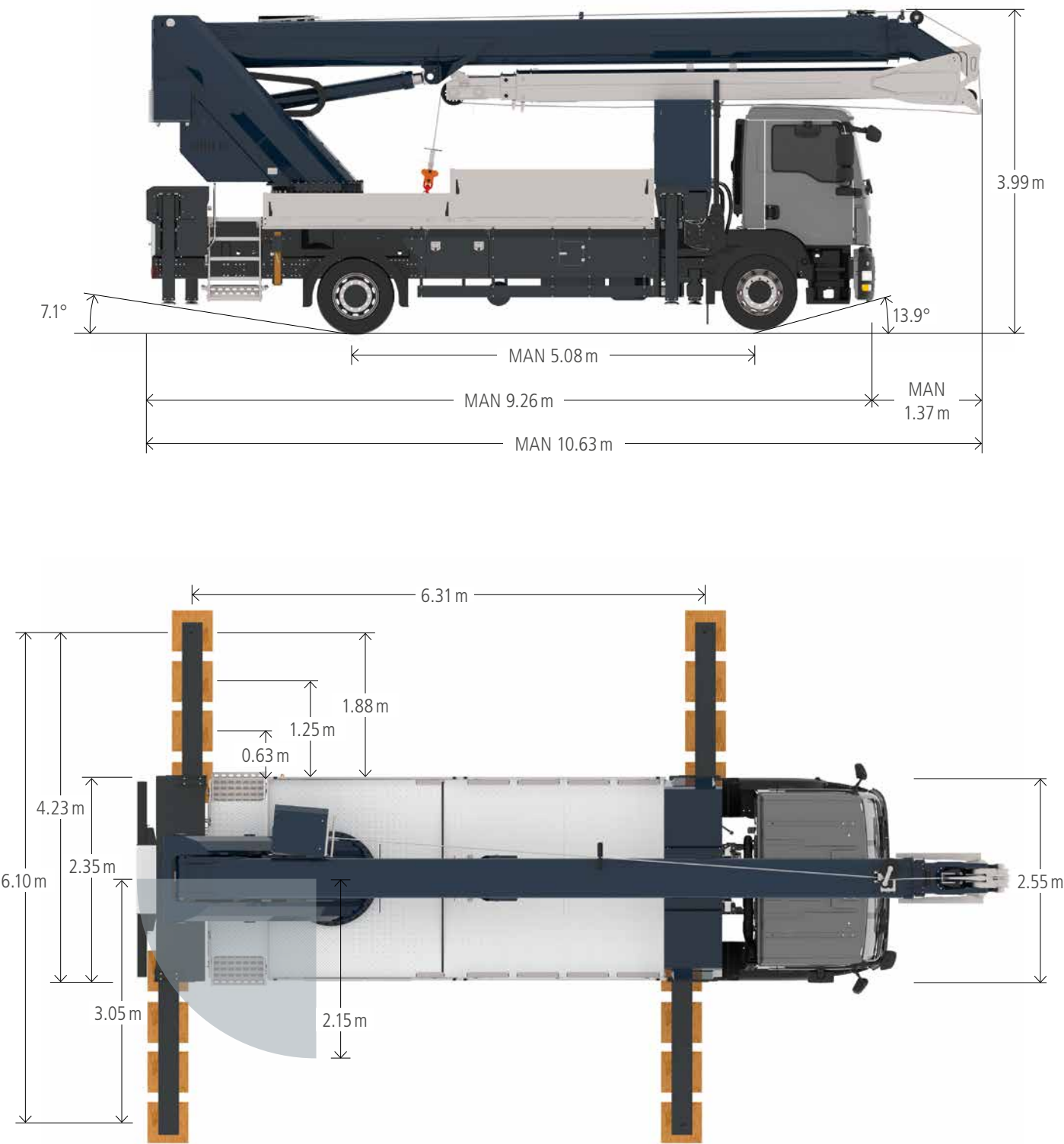
Preliminary data. All weights in kg, all measurements subject to fluctuation.

Working area



Preliminary data. All weights in kg, all measurements subject to fluctuation.

Dimensions



Preliminary data. All weights in kg, all measurements subject to fluctuation.

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