



TH522

Telehandlers



Combines power and maneuverability: TH522

The comfortable telehandler TH522 convinces with a perfect combination of powerful engine output and a high level of maneuverability. Thanks to the all-wheel steering and the compact design, the TH522 is skillfully small. Stacking and transport work can therefore be managed quickly and safely, even in a small space. Equipped with sensitive work hydraulics and a hydrostatic drive as a standard, the TH522 allows for extremely precise maneuvering.

- Innovative driver-assist system VLS (Vertical Lift System)
- Low installation height and width under 2 x 2 meters
- Small inside radius of 1,193 mm.
- Over 5 meters lifting height
- Very good view of the attachment

Technical specifications

Operating data



Weight	4,200 kg
Turning radius Tires	3,281 mm
Total rotation angle of the tool carrier	144 °

Engine / Motor

Engine / Motor manufacturer	Perkins
Engine performance at 2,800 rpm1/min	36.3 kW
Engine performance at 2,800 rpm1/min	44.7 kW

Power transmission

Traction drive	hydrostatic
Speed Stage 1	0-7 km/h
Speed Stage 2 (optional)	0-20 (30) km/h
Service brake central	Parking brake on all four wheels effective
Standard tires	10.5/80-18 AS ET0

Steering and operating hydraulics

Steering angle max.	2x40 °
Flow rate	70 l/min
Flow rate optional	106 l/min

Kinematics

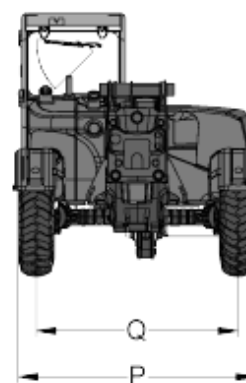
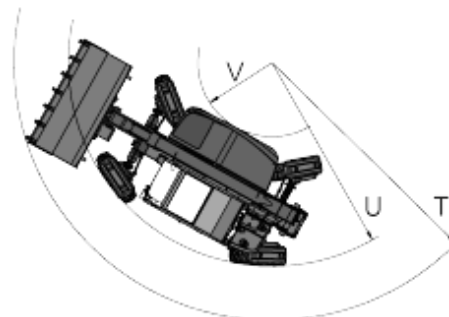
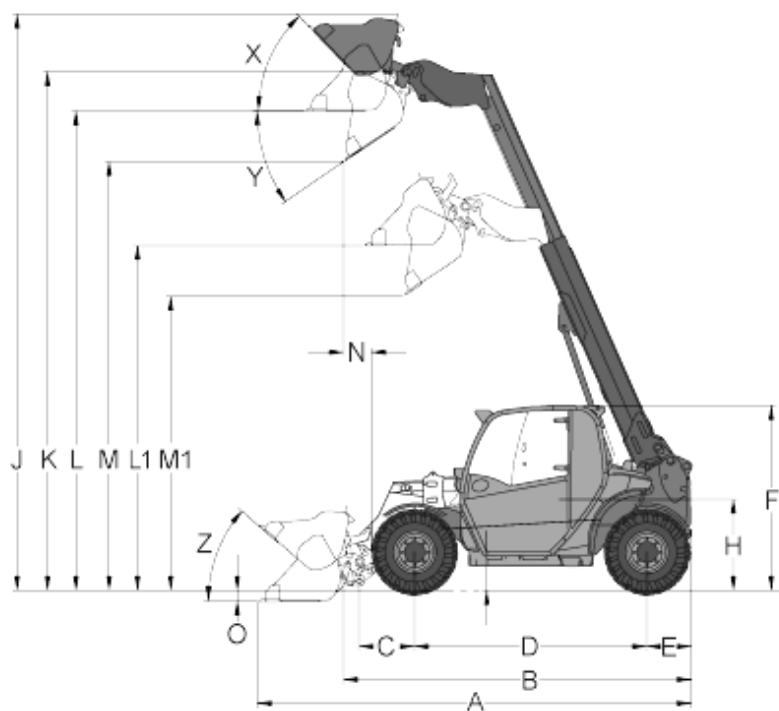
Payload max.	2,200 kg
Lift height Pin height	5,471 mm

Filling capacities

Fuel tank capacity	70 l
Hydraulic oil tank	55 l



Dimensions



Standard tires	10.5/80-18 AS ET0
A Overall length mm	4,576
B Overall length without bucket mm	3,747
C Bucket pivot point to axle center mm	581
D Wheelbase mm	2,449
E Rear overhang mm	472
F Height mit Kabine mm	1,950
H Seat height mm	962
J Total operating height mm	6,074
K Stroke height max. - bucket pivot point mm	5,471
L1 Overhead loading height Teleskoparm eingefahren mm	3,638
L Overhead loading height Teleskoparm ausgefahren mm	5,056
M1 Dumping height Teleskoparm eingefahren mm	3,103



M	Dumping height Teleskoparm ausgefahren mm	4,520
N	Range bei M mm	293
O	Scraping depth mm	111
P	Overall width mm	1,808
Q	Track width mm	1,530
S	Ground clearance mm	256
T	Radius (max.) mm	4,153
U	Radius at outer edge mm	3,281
V	Inside turning radius mm	1,193
X	Reverse roll angle at max. stroke height °	46.5
Y	Tip-out angle (max.) °	34.5
Z	Reverse roll angle at ground level °	41

Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

Copyright © 2016 Wacker Neuson SE.