



TH625

Telehandlers

Cost-efficient and powerful



The TH625 is the compact power pack with a lifting height of 6 m and a payload of 2,5 t. The following features characterize the TH625 telehandler: Comfortable cab with excellent ergonomics and all-round visibility, electronically controlled travel drive with various travel modes, robust telescopic arm with excellent view of the attachment, wide range of options and a modern machine design. The transversely installed motor and the optimized arrangement of components ensure very good maintenance accessibility. The integrated driver assistance system VLS (Vertical Lift System) ensures safety and also increases operating comfort. The TH625 combines power, reliable hydraulics and compact dimensions with sophisticated technology and a convincing price-performance ratio.

Highlights

- Entry-level price made to measure
- Electronically regulated drive system
- Flow Sharing
- Automatic bucket return and shaking function
- VLS (Vertical Lift System)

Technical Data

Standard engine data

Engine manufacturer	Perkins
Motor type	404J-E22T
Cylinder	4
Drive output	45 kW
Drive output	61 PS
at max. rpm	2,400 U/min
Maximum torque	222 Nm
Cylinder capacity	2,216 cm ³
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF
Average sound power level LwA (cabin)	94 dB(A)
Guaranteed sound power level LwA (cabin)	97 dB(A)
Specified sound pressure level LpA (cabin)	70 dB(A)

Engine data Option 1

Engine manufacturer	Perkins
Motor type	404J-E22TA

Cylinder	4
Drive output	55 kW
Drive output	75 PS
at max. rpm	2,400 U/min
Maximum torque	270 Nm
Cylinder capacity	2,216 cm ³
Type of coolant	Water/charge air
Exhaust aftertreatment	DOC/DPF
Average sound power level LwA (cabin)	95.6 dB(A)
Guaranteed sound power level LwA (cabin)	97 dB(A)
Specified sound pressure level LpA (cabin)	71 dB(A)

Electrical system

Operating voltage	12 V
Battery	77 Ah
Alternator	120 A

Weights

Payload (max.)	2,500 kg
Operating weight	4,650 kg

■ Driver's cab

Driver's cab	Cab
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■ Filling levels

Tank capacity for fuel	95 l
Tank capacity for hydraulic oil	29 l

■ Drive system

Type of drive	electronically controlled
drive unit	hydrostatic via transfer gearbox and universal joint shaft
Speed levels	2
Axle	PAL 1660
Travel speed Standard	0-20 km/h
Travel speed Option 1	0-25 km/h
Travel speed Option 2	0-35 km/h
Operating brake	disc brake on front axle acting on rear axle via universal joint shaft
Parking brake	disc brake - actuation on front axle via handbrake lever, acting on rear axle via universal joint shaft
Differential lock	100 % front axle + rear axle

■ Hydraulic system

Drive hydraulics working pressure (max.)	470 bar
Work hydraulics discharge volume (max.)	75 l/min
Work hydraulics working pressure (max.)	250 bar

■ Kinematics

Lifting cylinder	1
Tipping cylinder	1
Quick change system	Mechanical (hydraulically activated)

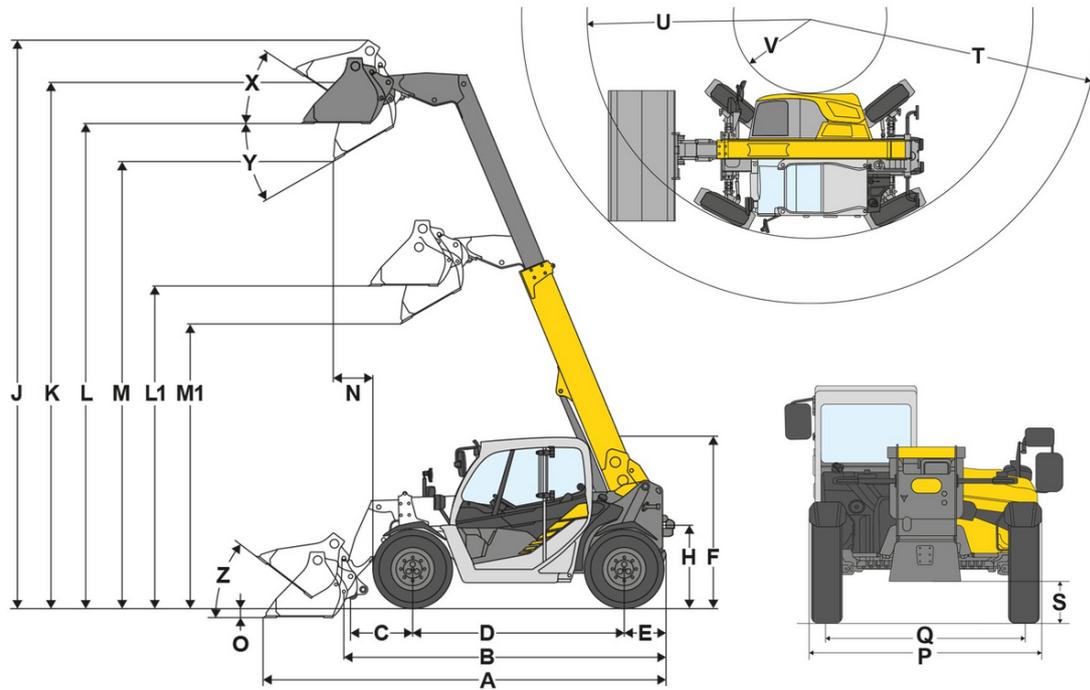
■ Steering

Steering type	Hydrostatic all-wheel steering with end position synchronization
Steering cylinder	2
Steering angle max.	2x38 degree
Oscillating angle of the rear axle	± 8 degree

■ Other information

DPF = diesel particulate filter
 DOC = diesel oxidation catalyst
 SCR = selective catalytic reduction

Dimensions



A	Total length	4,665 mm
B	Total length without bucket	3,887 mm
C	Bucket pivot point (to center of axle)	720 mm
D	Wheel base	2,449 mm
E	Rear overhang	487 mm
F	Height with cab	1,995 mm
H	Seat height	957 mm
J	Total working height	6,618 mm
K	Bucket pivot point (max. lift height)	6,123 mm
L1	Load-over height telescopic arm retracted	3,747 mm
L	Load-over height telescopic arm extended	5,642 mm
M1	Dumping height telescopic arm retracted	3,307 mm
M	Dumping height telescopic arm extended	5,201 mm
N	Reach (at M)	454 mm
O	Digging depth	121 mm
P	Total width	1,900 mm
Q	Track width	1,660 mm
S	Ground clearance	285 mm
T	Maximum radius	4,337 mm
U	Radius on the outer edge	3,347 mm
V	Inner radius	1,161 mm
X	Rollback angle at max. lift height	34 °
Y	Dumping angle	30 °
Z	Rollback angle on ground	38 °