



## T7042 Telehandlers

### Technical Data

#### ■ Standard engine data

Engine manufacturer	Perkins
Motor type	904J-E36TA
Cylinder	4
Drive output	100 kW
Drive output	134.1 HP
at max. rpm	2,200 rpm
Cylinder capacity	220.97 in <sup>3</sup>
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF/SCR
Average sound power level LwA (cabin)	105 dB(A)
Guaranteed sound power level LwA (cabin)	106 dB(A)
Specified sound pressure level LpA (cabin)	76 dB(A)

#### ■ Drive system

Type of drive	Hydrostatic (electronically regulated)
drive unit	universal joint shaft
Speed levels	3
Axle	PAL 1930
Travel speed Standard	0-12,43 mph
Travel speed Option 1	0-24,85 mph
Operating brake	Multi-disc brake on front axle acting on rear axle via universal joint shaft
Parking brake	Electro-hydraulic multi-disc brake with spring suspension on the front axle, acting on rear axle via universal joint shaft
Differential lock	100 % front axle (option)

#### ■ Hydraulic system

Drive hydraulics working pressure (max.)	7252 psi
Work hydraulics discharge volume (max.)	36,61 (49,40) gpm
Work hydraulics working pressure (max.)	3785 psi

#### ■ Kinematics

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

#### ■ Steering

Steering type	Hydrostatic all-wheel steering with fully automatic synchronization
Steering cylinder	2
Steering angle max.	2x45 degree
Oscillating angle of the rear axle	± 10 degree

#### ■ Other information

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

#### ■ Electrical system

Operating voltage	12 V
Battery	185 Ah
Alternator	150 A

#### ■ Weights

Payload (max.)	9,259 lb
Operating weight	16,865 lb

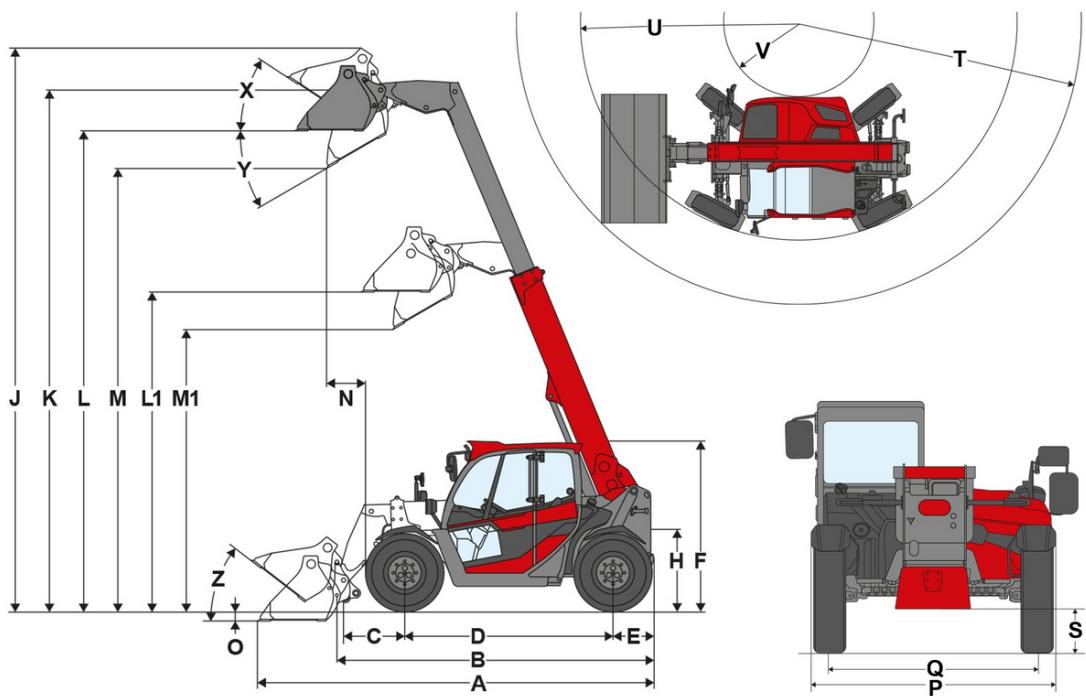
#### ■ Driver's cab

Driver's cab	Cab
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#### ■ Filling levels

Tank capacity for fuel	37.51 US gal
Tank capacity for hydraulic oil	23.78 US gal
Tank capacity for urea solution	5.02 US gal

## Dimensions



Standard components		Mitas 405/70 R24 MPT-01
<b>A</b>	Total length	237.60 in
<b>B</b>	Total length without bucket	194.88 in
<b>C</b>	Bucket pivot point (to center of axle)	34.29 in
<b>D</b>	Wheel base	116.14 in
<b>E</b>	Rear overhang	27.56 in
<b>F</b>	Height with cab lowered	
	Height with cab	95.47 in
	Height with cab raised	
<b>H</b>	Seat height	53.94 in
<b>J</b>	Total working height	310.83 in
<b>K</b>	Bucket pivot point (max. lift height)	287.60 in
<b>L1</b>	Load-over height telescopic arm retracted	175.98 in
<b>L</b>	Load-over height telescopic arm extended	266.54 in
<b>M1</b>	Dumping height telescopic arm retracted	154.72 in
<b>M</b>	Dumping height telescopic arm extended	245.28 in
<b>N</b>	Reach (at M)	4.53 in
<b>O</b>	Digging depth	7.28 in
<b>P</b>	Total width	96.46 in
<b>Q</b>	Track width	75.98 in
<b>S</b>	Ground clearance	14.57 in
<b>T</b>	Maximum radius	202.95 in
<b>U</b>	Radius on the outer edge	145.67 in
<b>V</b>	Inner radius	64.57 in
<b>X</b>	Rollback angle at max. lift height	45 °
<b>Y</b>	Dumping angle	44 °
<b>Z</b>	Rollback angle on ground	46 °