

4060

Wheel loader

Technical data

Standard engine data

Engine manufacturer	Rehlko
Motor type	KDI 2504 TCR
Cylinder	4
Drive output	55.4 kW
Drive output	74.3 HP
at max. rpm	2,300 rpm
Cylinder capacity	151.46 in³
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF

Electrical system

Operating voltage	12 V
Battery	100 Ah
Alternator	120 A

Weights

Operating weight	12,699 - 13,404 lb
Thrust force (max.)	5,950 daN
Lift capacity (max.)	4,190 daN
Tipping load with bucket – machine straight, loading frame horizontal	7,099 - 7,606 lb
Tipping load with bucket – machine pivoted, loading frame horizontal	6,085 - 6,526 lb
Tipping load with bucket - machine straight, loading frame in lowest position	9,326 - 9,987 lb
Tipping load with bucket - machine pivoted, loading frame in lowest position	8,025 - 8,598 lb
Tipping load with pallet fork – machine straight, loading frame horizontal	6,327 - 6,768 lb
Tipping load with pallet fork – machine pivoted, loading frame horizontal	5,467 - 5,842 lb
Tipping load with pallet fork - machine straight, transport position	7,363 - 7,848 lb
Tipping load with pallet fork - machine angled, transport position	6,371 - 6,812 lb

Driver's cab

Driver's cab	Cab

Filling levels

Tank capacity for fuel	21.13 US gal
Tank capacity for hydraulic oil	8.45 US gal

Drive system

Type of drive	ecDrive (Electronic Controlled Drive)
drive unit	hydrostatic via transfer gearbox and universal joint shaft
Speed levels	2
Axle	PA 1422
Travel speed Standard	0-12.43 mph
Travel speed Option 1	0-18.64 mph
Operating brake	Disc brakes (option: multi-disc brakes)
Parking brake	Disc brakes (option: multi-disc brakes)
Differential lock	100 % front axle + rear axle

Hydraulic system

Drive hydraulics working pressure (max.)	7,252 psi
Work hydraulics discharge volume (max.)	20.34 (25.10) gpm
Work hydraulics working pressure (max.)	3,408 psi

Kinematics

Kinematics type	Z
Lifting cylinder	1
Tipping cylinder	1
Quick change system	hydraulic

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Steering

Steering type	hydraulically activated articulated pendulum steering
Steering cylinder	1
Oscillating angle	± 10 degree

Noise characteristic values

Average sound power level LwA (cabin)	99.8 dB(A)
Guaranteed sound power level LwA (cabin)	101 dB(A)
Specified sound pressure level LpA (cabin)	71 dB(A)

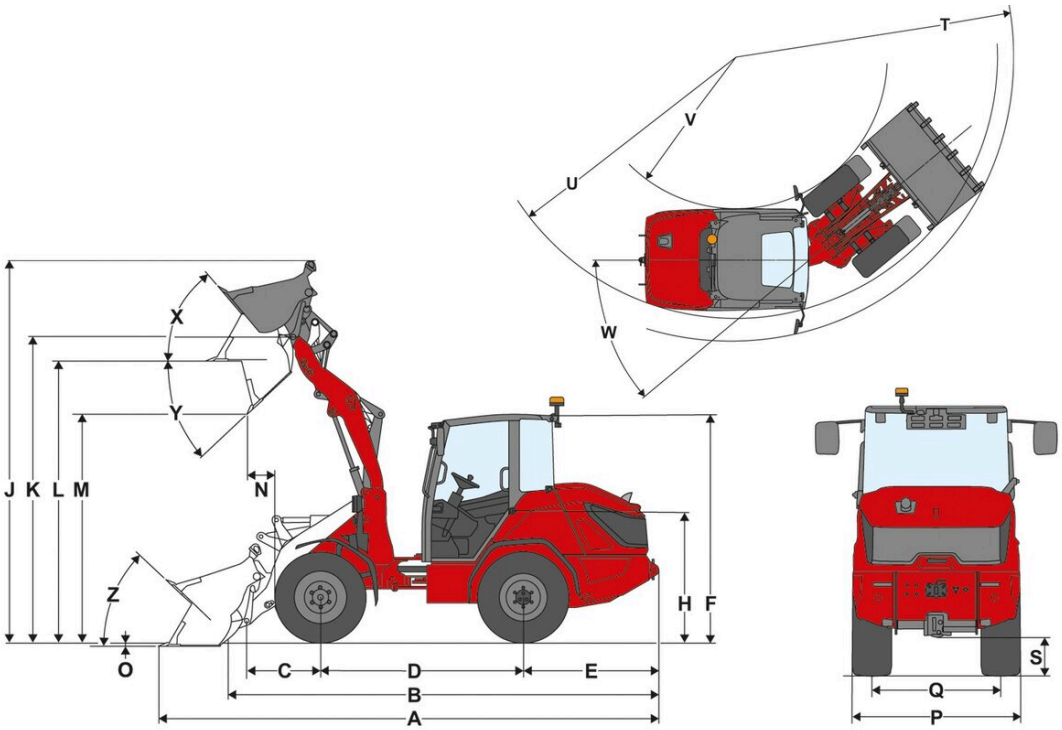
Other information

DPF = diesel particulate filter
DOC = diesel oxidation catalyst
SCR = selective catalytic reduction
Tipping load calculation pursuant to ISO 14397

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Dimensions



A	Total length	240.7 in
B	Total length without bucket	207.7 in
C	Bucket pivot point (to center of axle)	60.2 in
D	Wheel base	84.6 in
E	Rear overhang	56.5 in
F	Height with cab	99.8 in
H	Seat height	59.4 in
J	Total working height	180.3 in
K	Bucket pivot point (max. lift height)	145.7 in
L	Load-over height	135.8 in
M	Dumping height	110.8 in
N	Reach (at M)	41.9 in
O	Digging depth	3.1 in
P	Total width	69.7 in
Q	Track width	53.5 in
S	Ground clearance	15.4 in
T	Maximum external radius	182.9 in
U	Radius on the outer edge	157.1 in
V	Inner radius	82.7 in
W	Articulation angle	40 °
X	Rollback angle at max. lift height	63 °
Y	Dumping angle	45 °
Z	Rollback angle on ground	47 °

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