

Dieci



PIVOT

T60 | T70

dieci.com



WEIGHTS

Vehicle model	PIVOT T60	PIVOT T70
Operating weight with standard bucket and quick coupling	13492 lb (6120 kg)	16755 lb (7600 kg)

PERFORMANCE

Vehicle model	PIVOT T60	PIVOT T70
Standard bucket capacity	0.85 m ³ (30 ft ³)	1.2 m ³ (42 ft ³)
Pull-out force	4800 daN (10791 lbf)	6000 daN (13489 lbf)
Towing force	5700 daN (12814 lbf)	6650 daN (14950 lbf)
Maximum climb angle	80%	80%
Max speed (referred to wheels with maximum permitted diameter)	40 km/h (24.9 mph)	40 km/h (24.9 mph)
Retracted in line tipping load	4050 kg (8929 lb)	4500 kg (9921 lb)
Retracted articulated tipping load	3575 kg (7882 lb)	4000 kg (8818 lb)
Extended in line tipping load	2350 kg (5181 lb)	2350 kg (5181 lb)
Extended articulated tipping load	2050 kg (4519 lb)	2100 kg (4630 lb)
Operating load EN474.3 (80%) retracted	2250 kg (4960 lb)	3000 kg (6614 lb)
Operating load EN474.3 (60%) retracted	1700 kg (3748 lb)	2300 kg (5071 lb)
Operating load EN474.3 (80%) extended	1400 kg (3086 lb)	1650 kg (3638 lb)
Operating load EN474.3 (60%) extended	1050 kg (2315 lb)	1250 kg (2756 lb)

BOOM

Vehicle model	PIVOT T60	PIVOT T70
Lifting	5.2 s	5.2 s
Getting off the basket	2.8 s	3 s
Extension	2.4 s	3.1 s
Retraction	1.3 s	1.8 s
Forward swivelling	1.8 s	3.2 s
Reverse swivelling	1.3 s	2 s

ENGINE

Vehicle model	PIVOT T60	PIVOT T70
Brand	Kubota	Perkins
Nominal power	54.6 kW (73 HP)	85.9 kW (115 HP)
@rpm	2600 rpm	2200 rpm
Peak power	-	85.9 kW (115 HP)
@rpm	-	2200 rpm
Operation	4-stroke	4-stroke
Injection	Electronic, Common Rail	Electronic, Common Rail
Number and arrangement of cylinders	4, Vertical in line	4, Vertical in line
Displacement	3331 cm ³ (203 in ³)	3621 cm ³ (221 in ³)
Intake	Turbo compressor	16-valve turbocharger with aftercooler
Cooling system	Liquid	Liquid
Emission standards	Stage V/Tier 4f	Stage V/Tier 4f

DIFFERENTIAL AXLES

Vehicle model	PIVOT T60	PIVOT T70
Type of axles	2 rigid, with 4 planetary reduction gears	2 rigid, with 4 planetary reduction gears
Type of steering	With articulated chassis with a total angle of 80°, servo-assisted by power steering (Load Sensing)	With articulated chassis with a total angle of 80°, servo-assisted by power steering (Load Sensing)
Front axle	Rigid, self-locking	Rigid, self-locking
Rear axle	Swinging with 20° total stroke	Swinging with 20° total stroke
Service braking	Oil bath on front and rear axles with servo brake	Oil bath with servo brake on front and rear axle
Parking braking	Negative actuation with electrical control	Negative actuation with electrical control

FILLING

Vehicle model	PIVOT T60	PIVOT T70
Hydraulic system (total)	80 l (21,13 gal)	160 l (42,27 gal)
DIESEL TANK	100 l (26,42 gal)	145 l (38,30 gal)
AdBlue tank	-	27 l (7,13 gal)

HYDRAULIC SYSTEM

Vehicle model	PIVOT T60	PIVOT T70
Hydraulic pump type	Gear pump for power steering and movements	Gear pump for power steering and movements
Hydraulic pump capacity	101 l/min (26.7 gal/min)	117 l/min (30.9 gal/min)
Max. operating pressure	23 MPa (3336 psi)	25 MPa (3626 psi)

TRANSMISSION

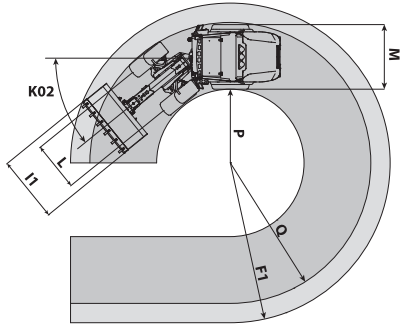
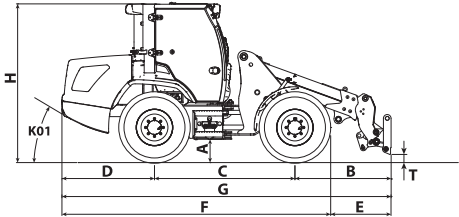
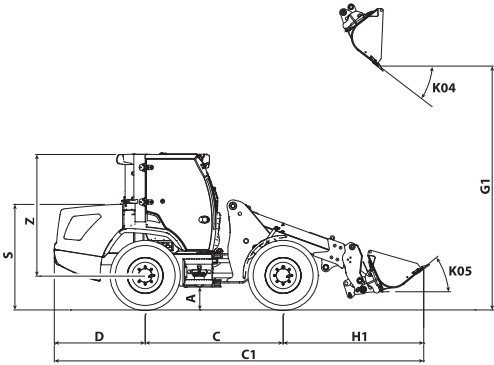
Vehicle model	PIVOT T60	PIVOT T70
Transmission type	Hydrostatic with variable displacement pump	Hydrostatic Shift on Fly with electronic control with shifting in motion and ECO function
Hydraulic motor	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment
Transmission gearbox	Servo-controlled 2-speed	With 2-speed servo-controlled operated with vehicle in motion
Inching	With hydraulic pedal for controlled forward movement	With electronic pedal for controlled forward movement

TYRES

Vehicle model	PIVOT T60	PIVOT T70
Standard tires	405/70x20"	405/70-24"

DIMENSIONS

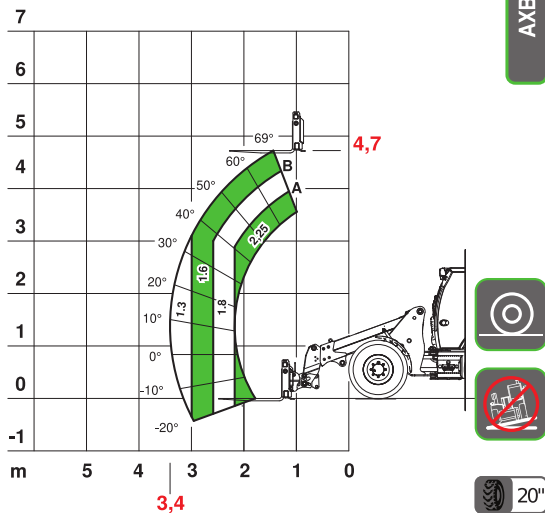
Vehicle model	PIVOT T60	PIVOT T70
A	365 mm (14.4 in)	385 mm (15.2 in)
B	1750 mm (68.9 in)	1690 mm (66.5 in)
C	2200 mm (86.6 in)	2425 mm (95.5 in)
C1	6015 mm (236.8 in)	6570 mm (258.7 in)
D	1450 mm (57.1 in)	1570 mm (61.8 in)
E	1190 mm (46.9 in)	1040 mm (40.9 in)
F	4210 mm (165.7 in)	4645 mm (182.9 in)
F1	4670 mm (183.9 in)	5165 mm (203.3 in)
G	5400 mm (212.6 in)	5685 mm (223.8 in)
G1	4155 mm (163.6 in)	4400 mm (173.2 in)
H	2490 mm (98.0 in)	2680 mm (105.5 in)
H1	2365 mm (93.1 in)	2575 mm (101.4 in)
I1	2000 mm (78.7 in)	2100 mm (82.7 in)
K01	30°	30°
K02	40°	40°
K04	40°	40°
K05	40°	40°
L	1430 mm (56.3 in)	1790 mm (70.5 in)
M	1880 mm (74.0 in)	2200 mm (86.6 in)
P	2060 mm (81.1 in)	2330 mm (91.7 in)
Q	4010 mm (157.9 in)	4550 mm (179.1 in)
S	1699 mm (66.9 in)	1935 mm (76.2 in)
T	93 mm (3.7 in)	160 mm (6.3 in)
Z	1962 mm (77.2 in)	2100 mm (82.7 in)



MAX 2,25 t



AXB1552



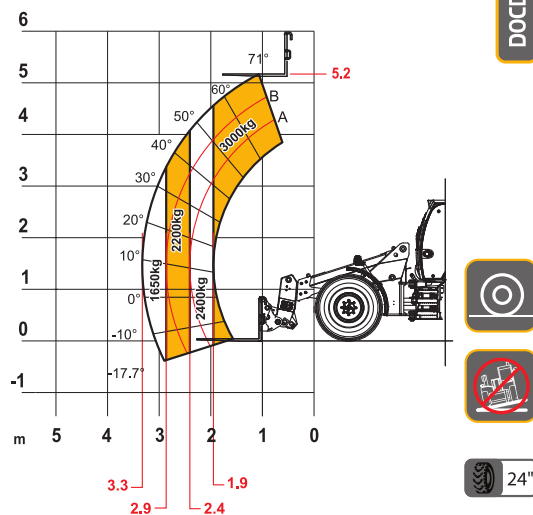
EN474-3 (ISO14397)

T60

MAX
3000 kg



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EN474-3

T70