

# **DIECI**



## **TRUCK MIXERS**

**L3500 | L4700 | F7000**



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Vehicle model	AB L 3500	AB L 3500 T	AB L 3500 CCS	AB L 4700	AB L 4700 T	AB L 4700 CCS	AB F 7000	AB F 7000 T	AB F 7000 CCS
Concrete yield	2.5 m³ (88 ft³)	2.5 m³ (88 ft³)	2.5 m³ (88 ft³)	3.5 m³ (124 ft³)	3.5 m³ (124 ft³)	3.5 m³ (124 ft³)	5 m³ (177 ft³)	5 m³ (177 ft³)	5 m³ (177 ft³)
Water tank capacity	630 l (166.43 gal)	630 l (166.43 gal)	650 l (171.71 gal)	630 l (166.43 gal)	630 l (166.43 gal)	650 l (171.71 gal)	850 l (224.55 gal)	850 l (224.55 gal)	945 l (249.64 gal)
Shovel capacity	500 l (132.09 gal)	-	500 l (132.09 gal)	600 l (158.50 gal)	-	600 l (158.50 gal)	600 l (158.50 gal)	-	600 l (158.50 gal)
Unladen weight	5900 kg (13007 lb)	5900 kg (13007 lb)	5900 kg (13007 lb)	6700 kg (14771 lb)	6400 kg (14110 lb)	6700 kg (14771 lb)	7400 kg (16314 lb)	7400 kg (16314 lb)	7400 kg (16314 lb)
Maximum climb angle	-	-	30 %	-	-	30 %	-	-	30 %
Max speed (referred to wheels with maximum permitted diameter)	21 km/h (13.0 mph)	21 km/h (13.0 mph)	21 km/h (13.0 mph)	24 km/h (14.9 mph)	24 km/h (14.9 mph)	24 km/h (14.9 mph)	27 km/h (16.8 mph)	27 km/h (16.8 mph)	27 km/h (16.8 mph)

Vehicle model	AB L 3500	AB L 3500 T	AB L 3500 CCS	AB L 4700	AB L 4700 T	AB L 4700 CCS	AB F 7000	AB F 7000 T	AB F 7000 CCS
Brand	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
Nominal power	85,9 Kw (115 HP)	85,9 Kw (115 HP)	85,9 Kw (115 HP)	85,9 Kw (115 HP)	85,9 Kw (115 HP)	85,9 Kw (115 HP)	100 Kw (134 HP)	100 Kw (134 HP)	100 Kw (134 HP)
@rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm
Peak power	85,9 Kw (115 HP)	85,9 Kw (115 HP)	85,9 Kw (115 HP)	85,9 Kw (115 HP)	85,9 Kw (115 HP)	85,9 Kw (115 HP)	100 Kw (134 HP)	100 Kw (134 HP)	100 Kw (134 HP)
@rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm	2200 rpm
Operation	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke
Injection	Electronic, Common Rail	Electronic, Common Rail	Electronic, Common Rail	Electronic, Common Rail	Electronic, Common Rail	Electronic, Common Rail	Electronic, Common Rail	Electronic, Common Rail	Electronic, Common Rail
Number and arrangement of cylinders	4, Vertical in line	4, Vertical in line	4, Vertical in line	4, Vertical in line	4, Vertical in line	4, Vertical in line	4, Vertical in line	4, Vertical in line	4, Vertical in line
Displacement	3621 cm³ (221 in³)	3621 cm³ (221 in³)	3621 cm³ (221 in³)	3621 cm³ (221 in³)	3621 cm³ (221 in³)	3621 cm³ (221 in³)	3621 cm³ (221 in³)	3621 cm³ (221 in³)	3621 cm³ (221 in³)
Consumption	216 g/kWh (355.32 lb/Hp h)	216 g/kWh (355.32 lb/Hp h)	216 g/kWh (355.32 lb/Hp h)	216 g/kWh (355.32 lb/Hp h)	216 g/kWh (355.32 lb/Hp h)	216 g/kWh (355.32 lb/Hp h)	216 g/kWh (355.32 lb/Hp h)	216 g/kWh (355.32 lb/Hp h)	216 g/kWh (355.32 lb/Hp h)
@rpm	1900 rpm	1900 rpm	1900 rpm	1900 rpm	1900 rpm	1900 rpm	1900 rpm	1900 rpm	1900 rpm
Emission standards	Stage V/Tier 4f	Stage V/Tier 4f	Stage V/Tier 4f	Stage V/Tier 4f	Stage V/Tier 4f	Stage V/Tier 4f	Stage V/Tier 4f	Stage V	Stage V
Exhaust gas treatment	DOC+DPF+SCR (with AdBlue)	DOC+DPF+SCR (with AdBlue)	DOC+DPF+SCR (with AdBlue)	DOC+DPF+SCR (with AdBlue)	DOC+DPF+SCR (with AdBlue)	DOC+DPF+SCR (with AdBlue)	DOC+DPF+SCR (with AdBlue)	DOC+DPF+SCR (with AdBlue)	DOC+DPF+SCR (with AdBlue)
Cooling system	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Intake	16-valve turbocharger with aftercooler	16-valve turbocharger with aftercooler	16-valve turbocharger with aftercooler	16-valve turbocharger with aftercooler	16-valve turbocharger with aftercooler	16-valve turbocharger with aftercooler	16-valve turbocharger with aftercooler	16-valve turbocharger with aftercooler	16-valve turbocharger with aftercooler
Air filter	Air pre-heating, air self-cleaning pre-filter and fuel pre-filter	Air pre-heating, air self-cleaning pre-filter and fuel pre-filter	Air pre-heating, air self-cleaning pre-filter and fuel pre-filter	Air pre-heating, air self-cleaning pre-filter and fuel pre-filter	Air pre-heating, air self-cleaning pre-filter and fuel pre-filter	Air pre-heating, air self-cleaning pre-filter and fuel pre-filter	Self-cleaning air prefilter	Self-cleaning air prefilter	Self-cleaning air prefilter

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Vehicle model	AB L 3500	AB L 3500 T	AB L 3500 CCS	AB L 4700	AB L 4700 T	AB L 4700 CCS	AB F 7000	AB F 7000 T	AB F 7000 CCS
Type of axles	2 steering, with 4 epicycloidal reduction gears	2 steering, with 4 epicycloidal reduction gears	2 steering, with 4 epicycloidal reduction gears	2 steering, with 4 epicycloidal reduction gears	2 steering, with 4 epicycloidal reduction gears	2 steering, with 4 epicycloidal reduction gears	2 steering, with 4 epicycloidal reduction gears	2 steering, with 4 epicycloidal reduction gears	2 steering, with 4 epicycloidal reduction gears
Type of steering	4 wheels / transversal / 2 wheels	4 wheels / transversal / 2 wheels	4 wheels / transversal / 2 wheels	4 wheels / transversal / 2 wheels	4 wheels / transversal / 2 wheels	4 wheels / transversal / 2 wheels	4 wheels / transversal / 2 wheels	4 wheels / transversal / 2 wheels	4 wheels / transversal / 2 wheels
Front axle	Swinging, self-locking	Swinging, self-locking	Swinging, self-locking	Swinging, self-locking	Swinging, self-locking	Swinging, self-locking	Swinging, self-locking	Swinging, self-locking	Swinging, self-locking
Rear axle	Self-locking	Self-locking	Self-locking	-	-	-	-	-	-
Service braking	Oil bath on front and rear axle	Oil bath on front and rear axle	Oil bath on front and rear axle	Oil bath on front and rear axle	Oil bath on front and rear axle	Oil bath on front and rear axle	Oil bath with servo brake on front and rear axle	Oil bath with servo brake on front and rear axle	Oil bath with servo brake on front and rear axle
Parking braking	Acting on the rear axle	Acting on the rear axle	Acting on the rear axle	Acting on the rear axle	Acting on the rear axle	Acting on the rear axle	Acting on the front axle	Acting on the front axle	Acting on the front axle

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HYDRAULIC SYSTEM

Vehicle model	AB L 3500	AB L 3500 T	AB L 3500 CCS	AB L 4700	AB L 4700 T	AB L 4700 CCS	AB F 7000	AB F 7000 T	AB F 7000 CCS
Hydraulic pump type	Open-loop gear pump with drum rotation speed controller	Open-loop gear pump with drum rotation speed controller	Open-loop gear pump with drum rotation speed controller	Closed-loop axial piston pump with drum rotation speed controller	Closed-loop axial piston pump with drum rotation speed controller	Closed-loop axial piston pump with drum rotation speed controller	Closed-loop axial piston pump with drum rotation speed controller	Closed-loop axial piston pump with drum rotation speed controller	Closed-loop axial piston pump with drum rotation speed controller

FILLING

Vehicle model	AB L 3500	AB L 3500 T	AB L 3500 CCS	AB L 4700	AB L 4700 T	AB L 4700 CCS	AB F 7000	AB F 7000 T	AB F 7000 CCS
Hydraulic system (total)	145 l (38.30 gal)	145 l (38.30 gal)	145 l (38.30 gal)	145 l (38.30 gal)	145 l (38.30 gal)	145 l (38.30 gal)	120 l (31.70 gal)	120 l (31.70 gal)	120 l (31.70 gal)
Diesel tank	90 l (23.78 gal)	90 l (23.78 gal)	90 l (23.78 gal)	90 l (23.78 gal)	90 l (23.78 gal)	90 l (23.78 gal)	90 l (23.78 gal)	90 l (23.78 gal)	90 l (23.78 gal)

TYRES

Vehicle model	AB L 3500	AB L 3500 T	AB L 3500 CCS	AB L 4700	AB L 4700 T	AB L 4700 CCS	AB F 7000	AB F 7000 T	AB F 7000 CCS
Standard tires	12.5x18"	12.5x18"	12.5x18"	405/70x20"	405/70x20"	405/70x20"	405/70R24"	405/70R24"	405/70R24"

DIMENSIONS

Vehicle model	AB L 3500	AB L 3500 T	AB L 3500 CCS	AB L 4700	AB L 4700 T	AB L 4700 CCS	AB F 7000	AB F 7000 T	AB F 7000 CCS
A	320 mm (12.6 in)	320 mm (12.6 in)	320 mm (12.6 in)	360 mm (14.2 in)	360 mm (14.2 in)	360 mm (14.2 in)	440 mm (17.3 in)	440 mm (17.3 in)	440 mm (17.3 in)
B	1380 mm (54.3 in)	1380 mm (54.3 in)	1380 mm (54.3 in)	1380 mm (54.3 in)	1380 mm (54.3 in)	1380 mm (54.3 in)	1215 mm (47.8 in)	1215 mm (47.8 in)	1215 mm (47.8 in)
B1	3530 mm (139.0 in)	-	3530 mm (139.0 in)	3820 mm (150.4 in)	-	3820 mm (150.4 in)	3880 mm (152.8 in)	-	3880 mm (152.8 in)
C	2500 mm (98.4 in)	2500 mm (98.4 in)	2500 mm (98.4 in)	2500 mm (98.4 in)	2500 mm (98.4 in)	2500 mm (98.4 in)	3210 mm (126.4 in)	3210 mm (126.4 in)	3210 mm (126.4 in)
C1	6230 mm (245.3 in)	-	6230 mm (245.3 in)	6660 mm (262.2 in)	-	6660 mm (262.2 in)	7500 mm (295.3 in)	-	7490 mm (294.9 in)
D	1150 mm (45.3 in)	1070 mm (42.1 in)	1150 mm (45.3 in)	1640 mm (64.6 in)	1410 mm (55.5 in)	1640 mm (64.6 in)	2050 mm (80.7 in)	1675 mm (65,9 in)	2050 mm (80.7 in)
E1	3870 mm (152.4 in)	3870 mm (152.4 in)	3870 mm (152.4 in)	4070 mm (160.2 in)	4070 mm (160.2 in)	4070 mm (160.2 in)	4000 mm (157.5 in)	4000 mm (157.5 in)	4000 mm (157.5 in)
F1	5340 mm (210.2 in)	5340 mm (210.2 in)	5340 mm (210.2 in)	5590 mm (220.1 in)	5340 mm (210.2 in)	5590 mm (220.1 in)	6450 mm (253.9 in)	6120 mm (240.9 in)	6450 mm (253.9 in)
G	5030 mm (198.0 in)	4955 mm (195.1 in)	5030 mm (198.0 in)	5520 mm (217.3 in)	5290 mm (208.3 in)	5520 mm (217.3 in)	6475 mm (254.9 in)	6100 mm (240.2 in)	6475 mm (254.9 in)
H	2900 mm (114.2 in)	2900 mm (114.2 in)	2900 mm (114.2 in)	3140 mm (123.6 in)	3140 mm (123.6 in)	3140 mm (123.6 in)	3080 mm (121.3 in)	3080 mm (121.3 in)	3080 mm (121.3 in)
I	1000 mm (39.4 in)	1000 mm (39.4 in)	1000 mm (39.4 in)	1000 mm (39.4 in)	1000 mm (39.4 in)	1000 mm (39.4 in)	1000 mm (39.4 in)	1000 mm (39.4 in)	1000 mm (39.4 in)
L	2030 mm (79.9 in)	2030 mm (79.9 in)	2030 mm (79.9 in)	1980 mm (78.0 in)	1980 mm (78.0 in)	1980 mm (78.0 in)	1920 mm (75.6 in)	1920 mm (75.6 in)	1920 mm (75.6 in)
M	2370 mm (93.3 in)	2370 mm (93.3 in)	2370 mm (93.3 in)	2400 mm (94.5 in)	2400 mm (94.5 in)	2400 mm (94.5 in)	2370 mm (93.3 in)	2370 mm (93.3 in)	2370 mm (93.3 in)
P	3030 mm (119.3 in)	3030 mm (119.3 in)	3030 mm (119.3 in)	3000 mm (118.1 in)	3000 mm (118.1 in)	3000 mm (118.1 in)	3750 mm (147.6 in)	3750 mm (147.6 in)	3750 mm (147.6 in)
Q	5330 mm (209.8 in)	5330 mm (209.8 in)	5330 mm (209.8 in)	5370 mm (211.4 in)	5370 mm (211.4 in)	5370 mm (211.4 in)	6020 mm (237.0 in)	6020 mm (237.0 in)	6020 mm (237.0 in)
R	5750 mm (226.4 in)	5750 mm (226.4 in)	5750 mm (226.4 in)	5740 mm (226.0 in)	5740 mm (226.0 in)	5740 mm (226.0 in)	6370 mm (250.8 in)	6370 mm (250.8 in)	6370 mm (250.8 in)
U	2310 mm (90.9 in)	2310 mm (90.9 in)	2310 mm (90.9 in)	2310 mm (90.9 in)	2310 mm (90.9 in)	2310 mm (90.9 in)	2310 mm (90.9 in)	2310 mm (90.9 in)	2310 mm (90.9 in)
Z	2440 mm (96.1 in)	2440 mm (96.1 in)	2440 mm (96.1 in)	2440 mm (96.1 in)	2440 mm (96.1 in)	2440 mm (96.1 in)	2500 mm (98.4 in)	2500 mm (98.4 in)	2500 mm (98.4 in)

