

DIECI



TRUCK MIXERS

L3500 | L4700 | F7000



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GENERAL INFORMATION									
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 m ³ (88 ft ³)	2,5 m ³ (88 ft ³)	2,5 m ³ (88 ft ³)	3,5 m ³ (124 ft ³)	3,5 m ³ (124 ft ³)	3,5 m ³ (124 ft ³)	5,0 m ³ (177 ft ³)	5,0 m ³ (177 ft ³)	5,0 m ³ (177 ft ³)
Standard tires	12.5x18"	12.5x18"	12.5x18"	405/70x20"	405/70x20"	405/70x20"	405/70R24"	405/70R24"	405/70R24"
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)
Water tank capacity	630 L (166,43 gal)	630 L (166,43 gal)	630 L (166,43 gal)	630 L (166,43 gal)	630 L (166,43 gal)	630 L (166,43 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 (158,5 gal)	-	600 L (158,5 gal)	600 L (158,5 gal)	-	600 L (158,5 gal)
Max speed (referred to wheels with maximum permitted diameter)	27 km/h (16,8 mph)	27 km/h (16,8 mph)	27 km/h (16,8 mph)	27 km/h (16,8 mph)	27 km/h (16,8 mph)	27 km/h (16,8 mph)	27 km/h (16,8 mph)	27 km/h (16,8 mph)	27 km/h (16,8 mph)
Notes	Self-priming water pump.	Self-priming water pump. Loading from hopper.	Self-priming water pump.	Self-priming water pump.	Self-priming water pump. Loading from hopper.	Self-priming water pump.	Self-priming water pump.	Self-priming water pump. Loading from hopper.	Self-priming water pump.

ENGINE									
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
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 cm ³ (221 in ³)	3621 cm ³ (221 in ³)	3621 cm ³ (221 in ³)	3621 cm ³ (221 in ³)	3621 cm ³ (221 in ³)	3621 cm ³ (221 in ³)	3621 cm ³ (221 in ³)	3621 cm ³ (221 in ³)	3621 cm ³ (221 in ³)
Emission standard	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	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

TRANSMISSION									
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
Transmission type	Hydrostatic with variable displacement pump	Hydrostatic with variable displacement pump	Hydrostatic with variable displacement pump	Hydrostatic with variable displacement pump	Hydrostatic with variable displacement pump	Hydrostatic with variable displacement pump	Hydrostatic with variable displacement pump	Hydrostatic with variable displacement pump	Hydrostatic with variable displacement pump
Reversal	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic
Transmission gearbox	Servo-controlled 2-speed	Servo-controlled 2-speed	Servo-controlled 2-speed	Servo-controlled 2-speed	Servo-controlled 2-speed	Servo-controlled 2-speed	Servo-controlled 2-speed	Servo-controlled 2-speed	Servo-controlled 2-speed
Inching	With hydraulic pedal for controlled forward movement	With hydraulic pedal for controlled forward movement	With hydraulic pedal for controlled forward movement	With hydraulic pedal for controlled forward movement	With hydraulic pedal for controlled forward movement	With hydraulic pedal for controlled forward movement	With hydraulic pedal for controlled forward movement	With hydraulic pedal for controlled forward movement	With hydraulic pedal for controlled forward movement
Hydraulic motor	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment

DIFFERENTIAL AXLES									
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	-	-	-	-	-	-	-	-	-
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

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)	410 mm (16,1 in)	410 mm (16,1 in)	410 mm (16,1 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 in)	-	3530 mm (139 in)	3820 mm (150,4 in)	-	3820 mm (150,4 in)	3820 mm (150,4 in)	-	3850 mm (151,6 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)	7490 mm (294,9 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 in)	4955 mm (195,1 in)	5030 mm (198 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	2915 mm (114,8 in)	2880 mm (113,4 in)	2880 mm (113,4 in)	3140 mm (123,6 in)	3140 mm (123,6 in)	3140 mm (123,6 in)	3050 mm (120,1 in)	3050 mm (120,1 in)	3050 mm (120,1 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	2000 mm (78,7 in)	2000 mm (78,7 in)	2000 mm (78,7 in)	2000 mm (78,7 in)	2000 mm (78,7 in)	2000 mm (78,7 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 in)	6020 mm (237 in)	6020 mm (237 in)
R	5750 mm (226,4 in)	5750 mm (226,4 in)	5750 mm (226,4 in)	5740 mm (226 in)	5740 mm (226 in)	5740 mm (226 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)

