

## DIEC











L4700



GENERAL INFO	RMATION							
Vehicle model	AB N 2400	AB N 2400 T	AB L 3500	AB L 3500 T	AB L 4700	AB L 4700 T	AB F 7000	AB F 7000 T
Concrete yield	1,7 m <sup>3</sup> (60 ft <sup>3</sup> )	1,7 m <sup>3</sup> (60 ft <sup>3</sup> )	2,5 m <sup>3</sup> (88 ft <sup>3</sup> )	2,5 m <sup>3</sup> (88 ft <sup>3</sup> )	3,5 m <sup>3</sup> (124 ft <sup>3</sup> )	3,5 m <sup>3</sup> (124 ft <sup>3</sup> )	5,0 m <sup>3</sup> (177 ft <sup>3</sup> )	5,0 m <sup>3</sup> (177 ft <sup>3</sup> )
Standard tires	10.5x18"	10.5x18"	12.5x18"	12.5x18"	405/70x20"	405/70x20"	405/70x20"	405/70x20"
Unladen weight	4000 kg (8818 lb)	4000 kg (8818 lb)	5900 kg (13007 lb)	5900 kg (13007 lb)	6700 kg (14771 lb)	6400 kg (14110 lb)	7400 kg (16314 lb)	7400 kg (16314 lb)
	<b>5</b>	9	•	9			•	850 L (224,55 gal)
Water tank capacity	180 L (47,55 gal)	180 L (47,55 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 gai)
Shovel capacity	270 L (71,33 gal)	- 27 los /h /16 0	500 L (132,09 gal)	- 27 los (b. /16.0	600 L (158,5 gal)	- 27 l (b. /16.0	600 L (158,5 gal)	271 //. /16.0
Max speed (referred to wheels with max- imum permitted dia- meter)	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. Loading from hopper.	Self-priming water pump.	Self-priming water pump. Loading from hopper.	Self-priming water pump.	Self-priming water pump. Loading from hopper.
ENGINE								
Vehicle model	AB N 2400	AB N 2400 T	AB L 3500	AB L 3500 T	AB L 4700	AB L 4700 T	AB F 7000	AB F 7000 T
Brand	Lombardini	Lombardini	FPT	FPT	FPT	FPT	FPT	FPT
Nominal power	36,6 kW (49 HP)	36,6 kW (49 HP)	74 kW (99 HP)	74 kW (99 HP)	74 kW (99 HP)	74 kW (99 HP)	93 kW (125 HP)	93 kW (125 HP)
@rpm	3000 rpm	3000 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
Injection	Mechanical direct	Mechanical direct	Mechanical direct	Mechanical direct	Mechanical direct	Mechanical direct	Mechanical direct	Mechanical direct
Number and ar- rangement of cylin- ders	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	2199 cm <sup>3</sup> (134 in <sup>3</sup> )	2199 cm <sup>3</sup> (134 in <sup>3</sup> )	4485 cm <sup>3</sup> (274 in <sup>3</sup> )	4485 cm <sup>3</sup> (274 in <sup>3</sup> )	4485 cm <sup>3</sup> (274 in <sup>3</sup> )	4485 cm <sup>3</sup> (274 in <sup>3</sup> )	4485 cm <sup>3</sup> (274 in <sup>3</sup> )	4485 cm <sup>3</sup> (274 in <sup>3</sup> )
Emission standard	Stage IIIA/Tier 3	Stage IIIA/Tier 3	Stage IIIA/Tier 3	Stage IIIA/Tier 3	Stage IIIA/Tier 3	Stage IIIA/Tier 3	Stage IIIA/Tier 3	Stage IIIA/Tier 3
Cooling system	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Intake	Natural	Natural	Turbocharger	Turbocharger	Turbocharger	Turbocharger	Turbo compressor	Turbo compressor
iiitake	Naturai	Naturai	after-cooler	after-cooler	after-cooler	after-cooler	after-cooler	after-cooler
Air Filter	_	-	Replaceable cart-	Replaceable cart-	Replaceable cart-	Replaceable cart-	Replaceable cart-	Replaceable cart-
7 7ec			ridge for dry filter	ridge for dry filter	ridge for dry filter	ridge for dry filter	ridge for dry filter	ridge for dry filter
TRANSMISSION								
Vehicle model	AB N 2400	AB N 2400 T	AB L 3500	AB L 3500 T	AB L 4700	AB L 4700 T	AB F 7000	AB F 7000 T
Transmission type	Hydrostatic with variable flow pump	Hydrostatic with variable flow pump	Hydrostatic with variable flow pump	Hydrostatic with variable flow pump	Hydrostatic with variable flow pump	Hydrostatic with variable flow pump	Hydrostatic with variable flow pump	Hydrostatic with variable flow pump
Reversal	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic
Transmission gear- box	Servocontrolled 2- speed	Servocontrolled 2- speed	Servocontrolled 2- speed	Servocontrolled 2- speed	Servocontrolled 2- speed	Servocontrolled 2- speed	Servocontrolled 2- speed	Servocontrolled 2- speed
Inching	With hydraulic pedal for con- trolled forward movement	With hydraulic pedal for con- trolled forward movement	With hydraulic pedal for con- trolled forward movement	With hydraulic pedal for con- trolled forward movement	With hydraulic pedal for con- trolled forward movement	With hydraulic pedal for con- trolled forward movement	With hydraulic pedal for con- trolled forward movement	With hydraulic pedal for con- trolled forward movement
Hydraulic motor	Hydrostatic with 2 speeds and electric selection	Hydrostatic with 2 speeds and electric selection	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 A	AXLES							
Vehicle model	AB N 2400	AB N 2400 T	AB L 3500	AB L 3500 T	AB L 4700	AB L 4700 T	AB F 7000	AB F 7000 T
Type of axles	2 steering, with 4 planetary reduction gears	2 steering, with 4 planetary reduction gears	2 steering, with 4 planetary reduction gears	2 steering, with 4 planetary reduction gears	2 steering, with 4 planetary reduction gears	2 steering, with 4 planetary reduction gears	2 steering, with 4 planetary reduction gears	2 steering, with 4 planetary reduction gears
Type of steering	4 wheels / trans- versal / 2 wheels	4 wheels / trans- versal / 2 wheels	4 wheels / trans- versal / 2 wheels	4 wheels / trans- versal / 2 wheels	4 wheels / trans- versal / 2 wheels	4 wheels / trans- versal / 2 wheels	4 wheels / trans- versal / 2 wheels	4 wheels / trans- versal / 2 wheels
Front axle	Swinging	Swinging	Swinging, self- locking	Swinging, self- locking	Swinging, self- locking	Swinging, self- locking	Swinging, self- locking	Swinging, self- locking
Front axle Rear axle	Swinging Self-locking	Swinging Self-locking	5 5,					
		5 5	5 5,					
Rear axle	Self-locking Oil bath on front	Self-locking Oil bath on front	locking - Oil bath on front	locking - Oil bath on front	locking - Oil bath on front	locking - Oil bath on front	locking - Oil bath with servo brake on front and	locking  Oil bath with servo brake on front and
Rear axle Service braking	Self-locking Oil bath on front and rear axle  Acting on the rear axle	Self-locking Oil bath on front and rear axle  Acting on the rear axle	locking - Oil bath on front and rear axle Acting on the rear	locking - Oil bath on front and rear axle Acting on the rear	locking - Oil bath on front and rear axle Acting on the rear	locking - Oil bath on front and rear axle Acting on the rear	locking - Oil bath with servo brake on front and rear axle Acting on the front	locking - Oil bath with servo brake on front and rear axle Acting on the front
Rear axle Service braking Parking braking	Self-locking Oil bath on front and rear axle  Acting on the rear axle	Self-locking Oil bath on front and rear axle  Acting on the rear axle	locking - Oil bath on front and rear axle Acting on the rear	locking - Oil bath on front and rear axle Acting on the rear	locking - Oil bath on front and rear axle Acting on the rear	locking - Oil bath on front and rear axle Acting on the rear	locking - Oil bath with servo brake on front and rear axle Acting on the front	locking - Oil bath with servo brake on front and rear axle Acting on the front
Rear axle Service braking Parking braking HYDRAULIC SYS	Self-locking Oil bath on front and rear axle Acting on the rear axle STEM AND MIX	Self-locking Oil bath on front and rear axle  Acting on the rear axle	locking  - Oil bath on front and rear axle  Acting on the rear axle	locking - Oil bath on front and rear axle Acting on the rear axle	locking - Oil bath on front and rear axle Acting on the rear axle	locking - Oil bath on front and rear axle  Acting on the rear axle	locking - Oil bath with servo brake on front and rear axle Acting on the front axle	locking  - Oil bath with servo brake on front and rear axle Acting on the front axle

CAB								
Vehicle model	AB N 2400	AB N 2400 T	AB L 3500	AB L 3500 T	AB L 4700	AB L 4700 T	AB F 7000	AB F 7000 T
Cab description	Reversible driving seat, adjustable seat with seat belts, front and rear windows, 2 window wipers.	Reversible driving seat, adjustable seat with seat belts, front and rear windows, 2 window wipers.	Reversible driving seat, adjustable seat with seat belts, front and rear windows, 2 window wipers.	Reversible driving seat, adjustable seat with seat belts, front and rear windows, 2 window wipers.	Reversible driving seat, adjustable seat with seat belts, front and rear windows, 2 window wipers.	Reversible driving seat, adjustable seat with seat belts, front and rear windows, 2 window wipers.	Reversible driving seat, adjustable seat with seat belts, front and rear windows, 2 window wipers.	Reversible driving seat, adjustable seat with seat belts, front and rear windows, 2 window wipers.
Cab instrumentation	Fuel level gauge, oil and water tem- perature indicator light, battery charge indicator light, hour meter.	Fuel level gauge, oil and water tem- perature indicator light, battery charge indicator light, hour meter.	Fuel level gauge, oil and water tem- perature indicator light, battery charge indicator light, hour meter.	Fuel level gauge, oil and water tem- perature indicator light, battery charge indicator light, hour meter.	Fuel level gauge, oil and water tem- perature indicator light, battery charge indicator light, hour meter.	Fuel level gauge, oil and water tem- perature indicator light, battery charge indicator light, hour meter.	Fuel level gauge, oil and water tem- perature indicator light, battery charge indicator light, hour meter.	Fuel level gauge, oil and water tem perature indicato light, battery charge indicator light, hour meter.
Cab approval	ROPS - FOPS	ROPS - FOPS						
DIMENSIONS	_	_	_	_	_	_	_	_
Vehicle model	AB N 2400	AB N 2400 T	AB L 3500	AB L 3500 T	AB L 4700	AB L 4700 T	AB F 7000	AB F 7000 T
A	330 mm (13 in)	330 mm (13 in)	340 mm (13,4 in)	340 mm (13,4 in)	390 mm (15,4 in)	390 mm (15,4 in)	435 mm (17,1 in)	435 mm (17,1 in)
В	980 mm (38,6 in)	980 mm (38,6 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 ir
B1	3225 mm (127 in)	-	3550 mm (139,8 in)	-	3860 mm (152 in)	-	3880 mm (152,8 in)	-
С	2250 mm (88,6 in)	2250 mm (88,6 in)	2500 mm (98,4 in)	3210 mm (126,4 in)	3210 mm (126,4			
C1	5730 mm (225,6 in)	-	6230 mm (245,3 in)	-	6660 mm (262,2 in)	-	7490 mm (294,9 in)	-
D	1270 mm (50 in)	1170 mm (46,1 in)	1150 mm (45,3 in)	1170 mm (46,1 in)	1640 mm (64,6 in)	1410 mm (55,5 in)	2050 mm (80,7 in)	1675 mm (65,9 ir
E1	-	-	3885 mm (153 in)	3885 mm (153 in)	4110 mm (161,8 in)	4110 mm (161,8 in)	4020 mm (158,3 in)	4020 mm (158,3
F1	3700 mm (145,7 in)	3700 mm (145,7 in)	5340 mm (210,2 in)	5340 mm (210,2 in)	5590 mm (220,1 in)	5340 mm (210,2 in)	6450 mm (253,9 in)	6450 mm (253,9
G	4495 mm (177 in)	4400 mm (173,2 in)	5030 mm (198 in)	4955 mm (195,1 in)	5520 mm (217,3 in)	5290 mm (208,3 in)	6475 mm (254,9 in)	6100 mm (240,2
Н	2755 mm (108,5 in)	2755 mm (108,5 in)	2915 mm (114,8 in)	2915 mm (114,8 in)	2940 mm (115,7 in)	2940 mm (115,7 in)	3075 mm (121,1 in)	3075 mm (121,1
I	1000 mm (39,4 in)	1000 mm (39,4 ir						
L	1660 mm (65,4 in)	1660 mm (65,4 in)	2000 mm (78,7 in)	1920 mm (75,6 in)	1920 mm (75,6 ir			
M	1960 mm (77,2 in)	1960 mm (77,2 in)	2370 mm (93,3 in)	2370 mm (93,3 in)	2400 mm (94,5 in)	2400 mm (94,5 in)	2370 mm (93,3 in)	2370 mm (93,3 ir
Р	1630 mm (64,2 in)	1630 mm (64,2 in)	3030 mm (119,3 in)	3030 mm (119,3 in)	3000 mm (118,1 in)	3000 mm (118,1 in)	3750 mm (147,6 in)	3750 mm (147,6
Q	3530 mm (139 in)	3530 mm (139 in)	5330 mm (209,8 in)	5330 mm (209,8 in)	5370 mm (211,4 in)	5370 mm (211,4 in)	6020 mm (237 in)	6020 mm (237 in
R	3880 mm (152,8 in)	3880 mm (152,8 in)	5750 mm (226,4 in)	5750 mm (226,4 in)	5740 mm (226 in)	5740 mm (226 in)	6370 mm (250,8 in)	6370 mm (250,8
U	1950 mm (76,8 in)	1950 mm (76,8 in)	2310 mm (90,9 i					
Z	2300 mm (90,6 in)	2300 mm (90,6 in)	2900 mm (114,2 in)	2900 mm (114,2 in)	2440 mm (96,1 in)	2440 mm (96,1 in)	2500 mm (98,4 in)	2500 mm (98,4 i





