

LEADER PF 2 PLUS *FULL ELECTRIC*

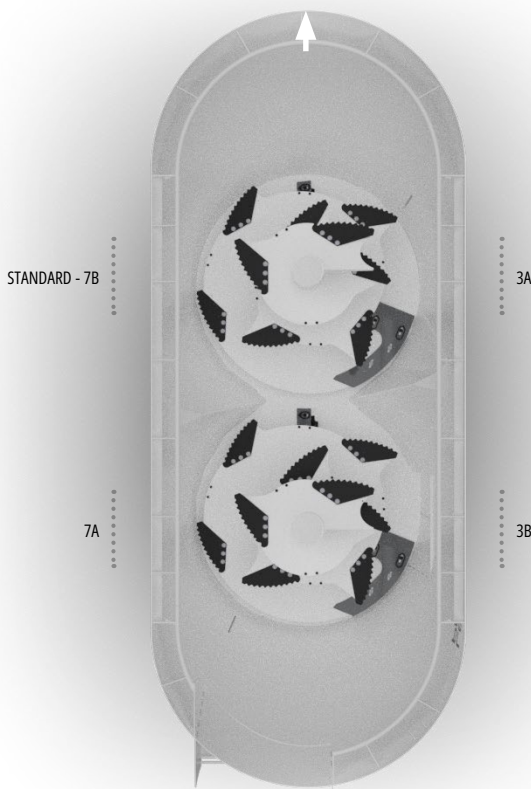
TECHNICAL SHEET



Models		2.18	2.20	2.22	2.24
Dimensions					
Total length	mm	9.850	9.850	10.000	10.000
Height	mm	2.560	2.780	2.870	3.190
Width	mm	2.500	2.400	2.450	2.470
Milling cutter width	mm	2.040	2.040	2.040	2.040
Milling height	mm	5.005	4.990	5.380	5.380
Unloading height	mm	600	600	600	600
Steering radius	mm	6.100	6.100	6.100	6.100
Tank capacity					
Adblue tank	l	-	-	-	-
Hydraulic oil tank	l	80	80	80	80
Weights					
Capacity	m³	18	20	22	24
Unladen weight	kg	15.500	16.000	16.500	17.000
Maximum capacity	kg	6.200	5.800	5.000	4.500
Other					
TELEMATICS Farmatics		○	○	○	○
NIR		○	○	○	○
360° Camera system		○	○	○	○
Standard Tyres		435/50 R19.5	435/50 R19.5	435/50 R19.5	435/50 R19.5

Batteries *		210	315 (optional)
Performance			
Type		lithium battery LFP	
Rated energy	kWh	91,3	137
Rated voltage	V	435	435
Capacity	Ah	210	315
Standard intensive cycle		Up to 4 mixtures	Up to 7 mixtures
Charger *			
Average 0-100% charging time - Three-phase 22 kW 32 A - 400 V AC wallbox		4 h	7 h

* The values given may vary, even significantly, due to environmental conditions, the mode of use and the charging system. They may also be affected by other non-predictable or non-measurable factors.



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CONFIGURATIONS

Configurations		2.18	2.20	2.22	2.24
Motor					
Hydraulic services engine	kW	23	23	23	23
Traction engine	kW	52	52	52	52
Mixing engine	kW	52	52	52	52
Milling cutter engine	kW	34	34	34	34
Hydraulics					
Service distributor		Elettro-proportional	Elettro-proportional	Elettro-proportional	Elettro-proportional
Hydraulic service capacity	gal/psi	24.3/2,610	24.3/2,610	24.3/2,610	24.3/2,610
Multi-function electro-proportional joystick		●	●	●	●
Cabin					
Cabin		PF Cab	PF Cab	PF Cab	PF Cab
Seat		Grammer pneumatic	Grammer pneumatic	Grammer pneumatic	Grammer pneumatic
Colour display	"	10	10	10	10
Operating armrest		●	●	●	●
Steering column adjustment	n.	3	3	3	3
Three speeds ventilation system and temperature controller		●	●	●	●
Air conditioning		○	○	○	○
Lights					
LED worklights		6	6	6	6
Street lighting		○	○	○	○
Side end-outline marker lights		○	○	○	○
Mixing					
Capacity	ft³	635.7	706.3	777	847.6
Number of augers	n.	2	2	2	2
Speed range of the auger	rpm	5, 10, 15, 20, 25, 30, 40, 50	5, 10, 15, 20, 25, 30, 40, 50	5, 10, 15, 20, 25, 30, 40, 50	5, 10, 15, 20, 25, 30, 40, 50
Power Blade		●	●	●	●
Unloading Blade		●	●	●	●
Knives with two positions		●	●	●	●
Auger with Easyclean solution		●	●	●	●
Mixing tank wall thickness	in	5/16	5/16	5/16	5/16
Mixing tank floor thickness	in	3/4	3/4	3/4	3/4
Counter-knives	n.	2 electric	2 electric	2 electric	2 electric
Loading Halt		○	○	○	○
Cutter					
External diameter of milling cutter roller	in	23	23	23	23
Manual hopper on milling cutter		○	○	○	○
Milling cutter lifting cylinder	n.	2	2	2	2
Milling cutter deflector with electric drive		●	●	●	●
Axles					
Traction		4WD	4WD	4WD	4WD
Suspensions		Front hydropneumatic	Front hydropneumatic	Front hydropneumatic	Front hydropneumatic
Discharges					
Standard position	n.	7B	7B	7B	7B
Rubber unloading belt		○	○	○	○
Unloading port opening with hydraulic drive		●	●	●	●
Unloading belt movement with electric drive		○	○	○	○
Chassis					
Rear bumper		Not adjustable	Not adjustable	Not adjustable	Not adjustable
Front suspension height indicator		Front	Front	Front	Front
Transmission					
Electric two mechanical gears 10 - 20 km/h		●	●	●	●
Steering mode		Front, all-wheel and crab-steering	Front, all-wheel and crab-steering	Front, all-wheel and crab-steering	Front, all-wheel and crab-steering

● Standard ○ Optional - Not available

Modelli		2.18	2.20	2.22	2.24
Dimensioni					
[A] Lunghezza totale	mm	9.850	9.850	10.000	10.000
[B] Altezza	mm	2.560	2.780	2.870	3.190
[C] Larghezza	mm	2.500	2.400	2.450	2.470
[D] Larghezza fresa	mm	2.040	2.040	2.040	2.040
[E] Altezza di fresatura	mm	5.005	4.990	5.380	5.380
[F] Altezza scarico	mm	600	600	600	600
[G] Esterno ruote	mm				
[H] Distanza assi 1-2	mm				
[I] Sbalzo posteriore	mm				
[L] Sbalzo anteriore	mm				
[M] Altezza telaio	mm				
Raggio di sterzata	mm	6.100	6.100	6.100	6.100
Capacità serbatoio					
Serbatoio adblue	l	-	-	-	-
Serbatoio olio idraulico	l	80	80	80	80
Pesi					
Capacità	m³	18	20	22	24
Peso a vuoto	kg	15.500	16.000	16.500	17.000
Portata massima	kg	6.200	5.800	5.000	4.500
Varie					
Telematica Farmatics		○	○	○	○
NIR		○	○	○	○
Sistema telecamera 360°		○	○	○	○
Ruote di serie		435/50 R19.5	435/50 R19.5	435/50 R19.5	435/50 R19.5

Batterie *		210	315 (optional)
Prestazioni			
Tipologia		batteria a litio LFP	batteria a litio LFP
Energia nominale	kW/h	91,3	137
Tensione nominale	V	435	435
Capacità	Ah	210	315
Autonomia			
Autonomia ciclo standard intensivo		fino a 4 miscelate	fino a 7 miscelate
Caricabatterie *		210	315 (optional)
Standard 22 kW			
Tempo di carica tipico da 0 a 100% Wallbox AC da 22 kW trifase 32 A - 400 V		4 h	7 h

* I valori indicati possono subire variazioni, anche significative, dovute alle condizioni ambientali, alle modalità di utilizzo e al sistema di ricarica. Sono inoltre influenzati da altri fattori non sempre prevedibili e misurabili.