



Technical Features

F-LINE Pump Series



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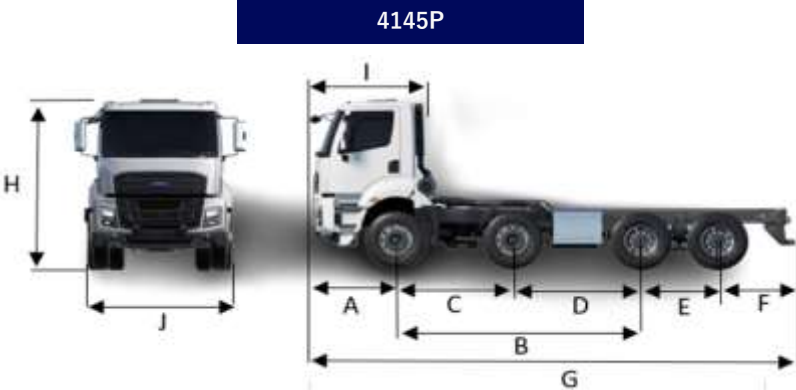
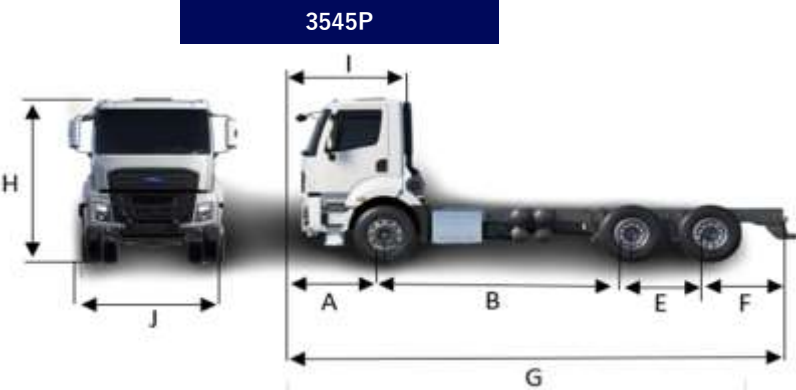
Technical Features	3545P	4145P
Engine		
Type	GEN2 Ecotorq Euro 6 130 mm x 160 mm	GEN2 Ecotorq Euro 6 130 mm x 160 mm
Displacement (cc)	12.740 cm3	12.740 cm3
Power PS (kW)	450 PS (330 kW) @ 1800 d/d	450 PS (330 kW) @ 1800 d/d
Torque	2500 Nm @ 1100-1200 d/d (Off-Road Mode) 2300 Nm @ 1300-1500 d/d (Normal Mode)	2500 Nm @ 1100-1200 d/d (Off-Road Mode) 2300 Nm @ 1300-1500 d/d (Normal Mode)
Powertrain		
Clutch	430 mm Single Disc	430 mm Single Disc
Transmission / Ratios	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)
Forward and Reverse Gear	16 forward + 2 reverse	16 forward + 2 reverse
FDR	4,08	4,08
Axle & Suspension		
Axle Configuration	6x4	8x4
Front Axle	8 T	8 T
Rear Axle	XPT - 330, 16 T	XPT - 330, 16 T
Suspension	Parabolic Front Leaf Spring / Mechanical Rear Suspension	Parabolic Front Leaf Spring / Mechanical Rear Suspension
Brakes		
Brake System	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater
Service Brake	Front and rear drum brakes	Front and rear drum brakes
Brakes (Front/Rear) (Ø.mm x mm. Length)	410 mm x 200 mm, Z-Cam Drum Brake	410 mm x 200 mm, Z-Cam Drum Brake
Engine Brake Power	max. 320 kW (Engine Level)	max. 320 kW (Engine Level)
Drivers Cab		
Cab Type	Day Cab	Day Cab
Fuel & AdBlue Tank		
Fuel Tank	315 l, Right Hand Side, Steel	250 l, Right Hand Side, Steel
SCR Tank	55 l	55 l
Chassis		
Thickness and Material	U Profile, High Strength, 10 mm Thickness, S500 MC Material	U Profile, High Strength, 10 mm Thickness, S500 MC Material
Tires		
Front Axle	315/80 R 22,5	315/80 R 22,5
Rear Axle	315/80 R 22,5	315/80 R 22,5
Rims	22.5X9.0 Steel	22.5X9.0 Steel

Standard and Optional Features	3545P	4145P
Safety & Technology		
Lane Keeping Alert (LDWS)	•	•
Electronic Stability Program (ESP)	•	•
Driver Alert System	•	•
Moving-off Information System (MOIS)	•	•
Rear View Camera	•	•
Blind Spot Information System (BLIS)	•	•
Alcohol Interlock Facilitation	•	•
Traffic Sign Recognition	•	•
Emergency Stop Signal	•	•
Tire Pressure Monitoring System (TPMS)	•	•
Electronic Brake System with ABS & ATC (EBS)	•	•
Electro-Hydraulic Steering System (EHPAS)	○	•
Differential Lock	•	•
Interior		
Multimedia System with 9" Touch Screen (DAB Radio, Bluetooth, USB (A Type - C Type), Apple CarPlay, Android Auto, Remote Control)	•	•
Navigation	○	○
Improved Sound and Heat Insulation	•	•
Manual Sunroof	○	○
Air Conditioning	•	•
Wet Type Cab Heater	○	○
Dual Passenger Seat	○	○
Driver Seat Armrest	○	○
Adjustable Steering Wheel	•	•
Driver Seatbelt Warning System	•	•
Power Windows & Remote Height Adjustment	•	•
Less Rear Window	○	○
Rear Window	•	•
Multi-Function Remote Control Key, 2 pieces	•	•
Exterior		
Heated and Electrically Controlled Side Mirrors	•	•
315L Steel Fuel Tank (Right Side)	•	○
6000 mm Wheelbase (with 315L Steel Fuel Tank)	-	○
HVO Compatability	•	•
Engine PTO	○	○
Flange Type Direct Output PTO	○	○
Hydraulic Cab Tilting	•	•

Standard and Optional Features	3545P	4145P
Exterior		
Electrically Operated Cab Tilting	○	○
Without Front Spare Tire	○	○
Front Spare Tire / Rim	●	●
LED Headlamps	○	○
Halogen Headlamps	●	●
Horizontal Exhaust	●	●
AGM Battery	○	○
EFB (240 Ah) Battery	●	●
Construction Capacity Increase Package (9 ton front axle, 385/65 R 22,5 front tires, Electro-Hydraulic Steering Wheel -EHPAS, 22.5X11.75 Steel rims) *	○	○
Switchable Air Brake Compressor	●	●
Smart Tachograph	●	●
Remote Transmission PTO Function	●	●
Remote Ignition	●	●
4 Points Independent Cab Suspension	●	●
Short Bumper	●	●
Cold Pack	○	○
Front Towing Hooks	●	●

● Standard ○ Optional

* For 4145P, 44T GVM is required.



Dimensions (mm)	3545P	4145P
Wheelbase (C)	4500	5100
Overall Length (G)	9165	9797
Front Overhang (A)	1450	1450
Rear Overhang (F)	1750	997
Distance Between 1st and 2nd Wheel Centers (B)	4500	2050
Distance Between 2nd and 3th Wheel Centers (D)	1350	3950
Distance Between 3th and 4th Wheel Centers (E)	-	1350
Overall Vehicle Width (Excluding Mirrors) (J)	2540	2540
Overall Cab Length (I)	1777	1767
Total Vehicle Height (H)	3140	3198
Turning Radius	10730	11230
Useful Chassis Length	6695	7423

Weights (kg)		1st Axle	2nd Axle	3rd Axle	4rd Axle	Total
3545P	Technically Permissible Weight	8000	13400	13400	-	34000
	Kerb Weight	5203	2719	2373	-	10294
	Payload	2797	10681	11027	-	23706
	Regulatory Permissible Weight	8000	9500	9500	-	26000
4145P	Technically Permissible Weight	8000	8000	13400	13400	41900
	Kerb Weight	3590	3575	2202	1999	11366
	Payload	4410	4425	11198	11401	31434
	Regulatory Permissible Weight	8000	8000	9500	9500	32000

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