



Technical Features

F-LINE Pump Series



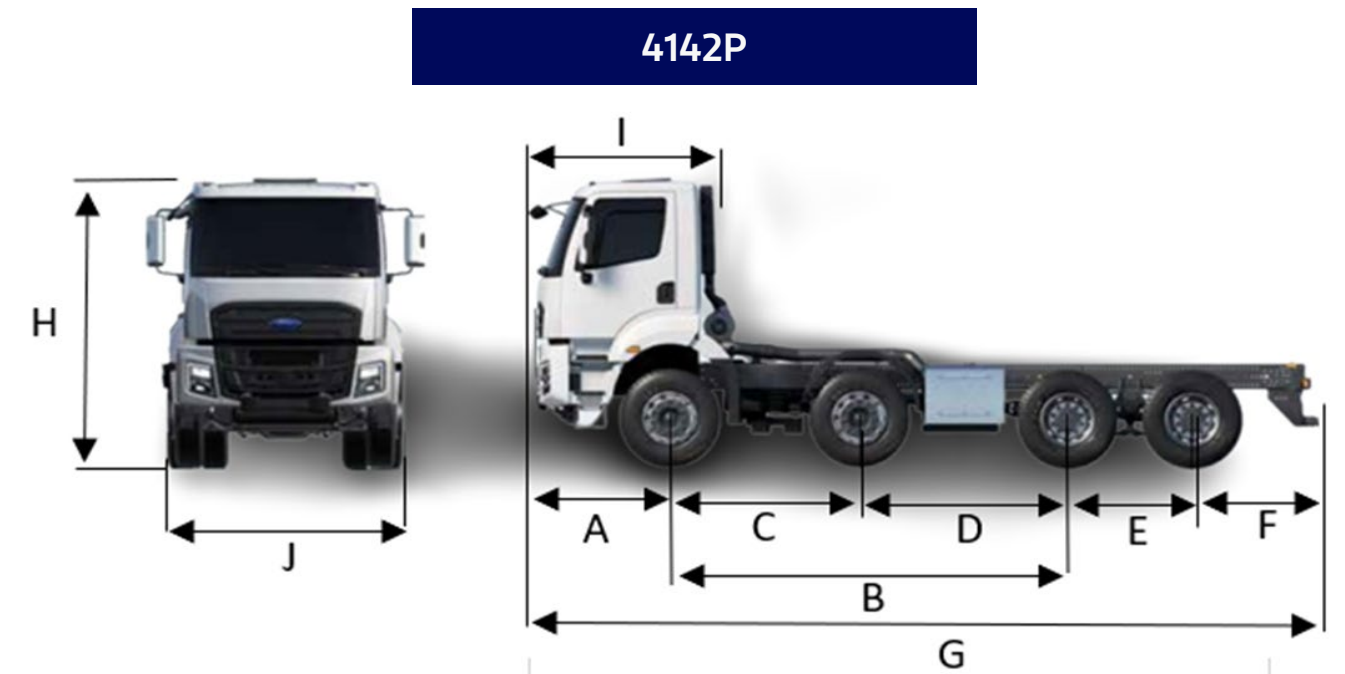
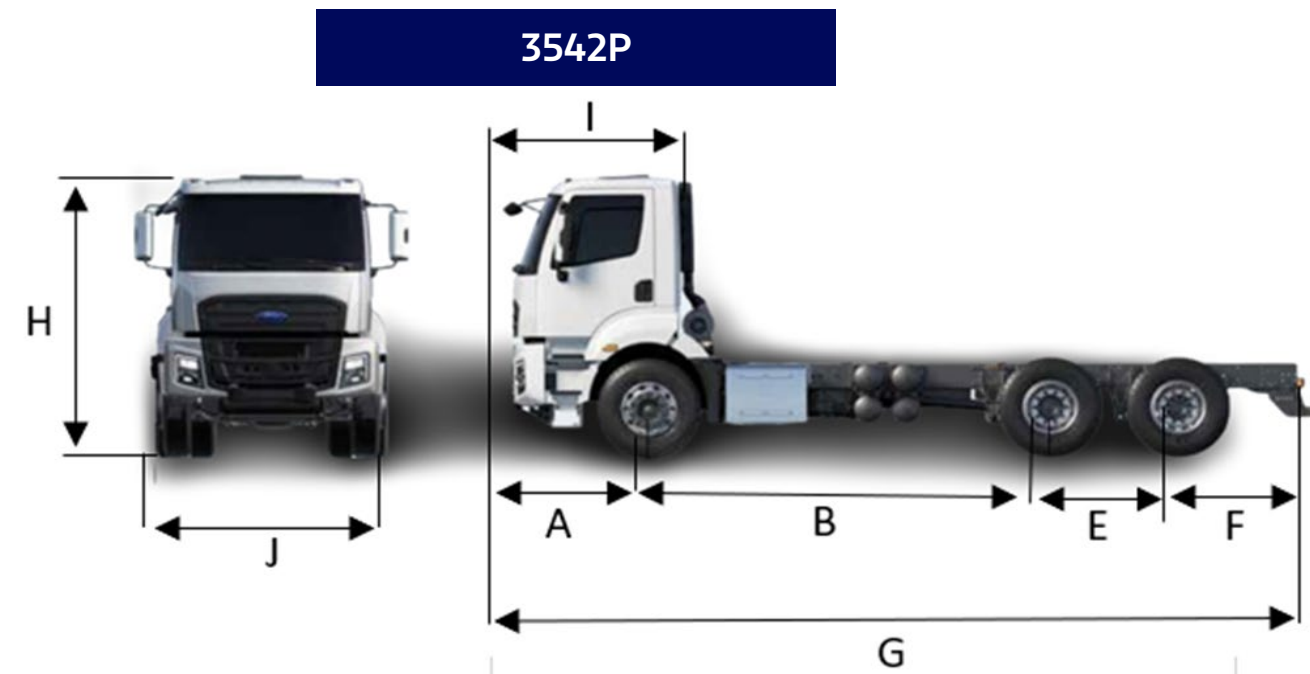
Sharing the load

Technical Features	3542P	4142P
Engine		
Type	GEN1.5 Ecotorq Euro 6 130 mm x 160 mm	GEN1.5 Ecotorq Euro 6 130 mm x 160 mm
Displacement (cc)	12.740 cm ³	12.740 cm ³
Power PS (kW)	420 PS (309 kW) @ 1800 d/d	420 PS (309 kW) @ 1800 d/d
Torque	2150 Nm @ 1000-1300 d/d	2150 Nm @ 1000-1300 d/d
Powertrain		
Clutch	430 mm Single Disc	430 mm Single Disc
Transmission / Ratios	Manual: ZF 16S 2530 (13,805-0,836)	Manual: ZF 16S 2530 (13,805-0,836)
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	3542P	4142P
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)	-	●
Diferential 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	○	○
Axle Load Measurement Device	●	●
Adjustable Steering Wheel	●	●
Driver Seatbelt Warning System	●	●
Power Windows & Remote Height Adjustment	●	●
Side Window Dimmings	●	●
Less Rear Window	○	○
Rear Window	●	●
Black Alcantara Seat Fabric	●	●
Multi-Function Remote Control Key, 2 pieces	●	●
Exterior		
Heated and Electrically Controlled Side Mirrors	●	●
315L Steel Fuel Tank (Right Side)	●	○
6000 mm Wheelbase	-	○
Engine PTO	○	○
Transmission PTO	-	-
Hydraulic Cab Tilting	●	●
Electrically Operated Cab Tilting	○	○
Without Front Spare Tire	○	○

Standard and Optional Features	3542P	4142P
Exterior		
Front Spare Tire / Rim	●	●
LED Headlamps	○	○
Halogen Headlamps	●	●
Horizontal Exhaust	●	●
225 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, 44T GVM)	-	○
Switchable Air Brake Compressor	●	●
Smart Tachograph	●	●
Switchable Air Brake Compressor	●	●
Smart Tachograph	●	●
4 Points Independent Cab Suspension	●	●
Short Bumper	●	●
Cold Pack	○	○
Front Towing Hooks	●	●

● Standard ○ Optional



Dimensions (mm)	3542P	4142P
Wheelbase (C)	4500	5100
Overall Length (G)	9165	9785
Front Overhang (A)	1450	1450
Rear Overhang (F)	1750	1885
Distance Between 1st and 2nd Wheel Centers (B)	4500	2050
Distance Between 2nd and 3th Wheel Centers (D)	1350	3050
Distance Between 3th and 4th Wheel Centers (E)	-	1350
Overall Vehicle Width (Excluding Mirrors) (J)	2540	2540
Overall Cab Length (I)	2200	1777
Total Vehicle Height (H)	3140	3190
Turning Radius	10730	11230

Weights (kg)		1st Axle	2nd Axle	3rd Axle	4rd Axle	Total
3542P	Technically Permissible Weight	8000	13400	13400	-	34000
	Kerb Weight	5644	2228	2250	-	10122
	Payload	2356	11172	11150	-	23878
	Regulatory Permissible Weight	8000	9500	9500	-	26000
4142P	Technically Permissible Weight	8000	8000	13400	13400	41900
	Kerb Weight	3612	3484	2171	2056	11323
	Payload	4388	4516	11229	11344	31477
	Regulatory Permissible Weight	8000	8000	9500	9500	32000

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