



NEW FORD RANGER – TECHNICAL SPECIFICATIONS

Chassis

Suspension	Front – Double wishbone front suspension with coil-spring			
	Rear – Berlin eye leaf springs			
Steering	Type – Electric Power Assisted Steering (EPAS), with rack and pinion gear			
	Turning circle (m, Kerb-to-Kerb) – 11.8 (4x2); 12.4 (4x4)			
	Turns lock-to-lock – 3.5			
Brakes	Front – ventilated discs, 302 x 32 mm			
	Rear – drums, 270 x 55 mm (4x2); 295 x 55 mm (4x4)			
	Modulation: <u>Standard:</u> Electronic Stability Control (ESC), Traction Control System (TCS), Electronic Brake Assist. <u>ESC system features:</u> Hill Descent Control (HDC), Hill Start Assist (HSA), Trailer Sway Control (TSC), Load Adaptive Control (LAC), Emergency Brake Assist (EBA), Emergency Brake Light (EBL), Roll-Over Mitigation (ROM)			
Wheels & tyres	Wheel type	Pressed Steel / Alloy	Alloy	Alloy
	Wheel size	7.0 x 16-inch	8.0 x 17-inch	8.0 x 18-inch
	Tyre size	255/70 R 16	265/65 R 17	265/60 R 18
	Spare wheel:			
	16-inch full-size steel spare (18-inch full-size alloy wheel on Wildtrak models)			

Powertrain

Engine Type	<u>2.2-litre TDCi</u> <u>130 PS/96 kW</u>	<u>2.2-litre TDCi</u> <u>160 PS/118 kW</u>	<u>3.2-litre TDCi</u> <u>200 PS/147 kW</u>
Capacity (cc)	2198	2198	3198
Bore (mm)	86.0	86.0	89.9
Stroke (mm)	94.6	94.6	100.8
Max power (kW/PS)	96/130	118/160	147/200
At engine speed (rpm)	3700	3700	3000
Max torque (Nm)	330	385	470
At engine speed (rpm)	1500-2500	1500-2500	1500-2750
Comp. ratio	15.7:1	15.7:1	15.8:1
Cylinders	4 in line	4 in line	5 in line
Turbocharger	Fixed geometry turbocharger	Variable geometry turbocharger	Variable geometry turbocharger
Fuel injection	High-pressure common-rail with fuel pressure 1800 bar	High-pressure common-rail with fuel pressure 1800 bar	High-pressure common-rail with fuel pressure 1800 bar
Emission controls	Coated Diesel Particulate Filter (cDPF) Oxidation catalyst	Coated Diesel Particulate Filter (cDPF) Oxidation catalyst	Coated Diesel Particulate Filter (cDPF) Oxidation catalyst
Emission level	Water cooled EGR Euro Stage V	Water cooled EGR Euro Stage V	Water cooled EGR Euro Stage V

Transmission

Transmission type:	Ford MT82 manual 6-speed	Ford MT82 manual 6-speed	Ford 6R80 automatic 6-speed	Ford MT82 manual 6-speed	Ford 6R80 automatic 6-speed
Gear ratios					
6th	0.794	0.794	0.691	0.794	0.691
5th	1.000	1.000	0.867	1.000	0.867
4th	1.223	1.223	1.143	1.223	1.143
3rd	1.721	1.721	1.521	1.721	1.521
2nd	2.839	2.839	2.342	2.839	2.342
1st	5.441	5.441	4.171	5.441	4.171
Reverse	4.935	4.935	3.400	4.935	3.400
Final Drive	3.15 (4x2) 3.15 (4x4)	3.15 (4x2) 3.15 (4x4) 3.55 (4x4) optional	- 3.73 (4x4)	- 3.55 (4x4)	- 3.73 (4x4)

4x4 Driveline	
Type	Driver-selectable four-wheel drive with electronically-controlled transfer box offering three modes: Rear-wheel drive (2H) Four-wheel drive high-range (4H) Four-wheel drive low-range (4L)
4x4 Transfer box	Two speed, right hand drop, single offset, aluminium shift-on-the-fly transfer box
4x4 ratios	1:1 (High Range) 2.48:1 (Low Range)
Max. speed when switching	120 km/h

Dimensions and capacities

<u>Exterior (mm)</u>	Single Cab	Super Cab	Double Cab
Overall length	5277	5362	5362
Overall width	1860	1860	1860
Overall height unladen	1800	1804	1815
Wheelbase	3220	3220	3220
Ground clearance	229	229	232
Wading depth (4x2)	800 (600)	800 (600)	800
Front track (4x2)	1560 (1590)	1560	1560
Rear track (4x2)	1560 (1590)	1560	1560
Front overhang	905	905	905
Rear overhang	1149	1226	1226
<u>Angles (deg.)</u>			
Approach angle	28°	28°	28°
Departure angle	28°	28°	28°
Ramp angle	25°	25°	25°
<u>Interior (mm)</u>			
<u>Front (mm)</u>			
Headroom	1024	1024	1022
Max. leg room	1058	1058	1058
Shoulder room	1437	1437	1440
<u>Rear (mm)</u>			
Headroom	-	938	975
Max. legroom	-	796	902
Shoulder room	-	1400	1430
<u>Cargo Bed (mm)</u>			
Width	1560	1560	1560
Width between arches	1139	1139	1139
Length	2317	1847	1549
Depth	511	511	511
Loading height	835 (724)	835	835

Weights

Note: Sample data provided for selected U.K. market specification vehicles.

Please contact your local representative for details of specific models within each market.

Versions	Final drive ratio	Minimum kerbweight (kg)	Gross Vehicle Mass (kg)	Maximum Gross Payload (kg)	Max. towable mass (kg)
Single Cab					
2.2L TDCi 160 PS 4x4 XL	3.15	1931	3200	1269	1800 (750)
2.2L TDCi 160 PS 4x4 XL	3.55	1933	3200	1267	3500 (750)
Super Cab					
2.2L TDCi 160 PS 4x4 XL	3.15	1970	3200	1230	1800 (750)
2.2L TDCi 160 PS 4x4 XL	3.55	1970	3200	1230	3500 (750)
Double Cab					
2.2L TDCi 160 PS 4x4 Limited	3.15	2102	3200	1098	1800 (750)
2.2L TDCi 160 PS 4x4 automatic Limited	3.73	2119	3200	1081	3500 (750)
3.2L TDCi 200 PS 4x4 Limited	3.55	2150	3200	1050	3500 (750)
3.2L TDCi 200 PS 4x4 automatic Limited	3.73	2167	3200	1033	3500 (750)

Minimum kerbweight represents the lightest kerbweight including full fluid levels and 90 per cent fuel levels, subject to manufacturing tolerances and options, etc. fitted. XLT, Limited and Wildtrak models will have greater kerb masses and, therefore, lower payloads due to the increased amount of standard equipment.

Towing limits quoted represent the maximum braked towing capacity of the vehicle on a 12 per cent gradient at sea level – unbraked towing capacities in brackets.

The performance and economy of all models will be reduced when used for towing. 80 kg roof load for all versions. 220 kg nose weight limit for all versions.

Economy, Performance and Emissions

Note: Sample data provided for selected U.K. market specification vehicles.

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		Fuel consumption l/100 km (mpg)			Performance ^Ø	
	CO ₂ emissions (g/km) ^{ØØ}	Urban	Extra Urban	Combined	Max. speed km/h (mph)	0-100 km/h (0-62 mph) secs
Single Cab						
2.2 Duratorq TDCi (160 PS) 4x4, Final Drive 3.15	177	7.3 (38.7)	6.4 (44.1)	6.7 (42.2)	175 (109)	11.8
2.2 Duratorq TDCi (160 PS) 4x4, Final Drive 3.55	191	8.3 (34.0)	6.7 (42.2)	7.3 (38.7)	175 (109)	11.8
Super Cab (inc. XL, XLT and Limited)						
2.2 Duratorq TDCi (160 PS) 4x2, Final Drive 3.15	177	7.7 (36.7)	6.3 (44.8)	6.7 (42.2)	175 (109)	11.8
2.2 Duratorq TDCi (160 PS) 4x4, Final Drive 3.15	171	7.1 (39.8)	6.1 (46.3)	6.5 (43.5)	175 (109)	11.8
2.2 Duratorq TDCi (160 PS) 4x4, Final Drive 3.55	185	8.2 (34.4)	6.6 (42.8)	7.1 (39.8)	175 (109)	11.8
Double Cab (inc. XL, XLT, Limited and Wildtrak)						
2.2 Duratorq TDCi (160 PS) 4x4, Final Drive 3.15	171	7.1 (39.8)	6.1 (46.3)	6.5 (43.5)	175 (109)	11.8
2.2 Duratorq TDCi (160 PS) 4x4, Final Drive 3.55	185	8.2 (34.4)	6.6 (42.8)	7.1 (39.8)	175 (109)	11.8
2.2 Duratorq TDCi (160 PS) 4x4 automatic, Final Drive 3.73	209	9.6 (29.4)	7.0 (40.4)	8.0 (35.3)	175 (109)	12.8
3.2 Duratorq TDCi (200 PS) 4x4, Final Drive 3.55	218	9.7 (29.1)	7.4 (38.2)	8.3 (34.0)	175 (109)	10.9
3.2 Duratorq TDCi (200 PS) 4x4 automatic, Final Drive 3.73	234	11.4 (24.8)	7.4 (38.2)	8.9 (31.7)	175 (109)	10.6

^ØFord test figures. ^{ØØ}The declared Fuel/Energy Consumptions, CO₂ emissions and electric range are measured according to the technical requirements and specifications of the European Regulations (EC) 715/2007 and (EC) 692/2008 as last amended. Fuel consumption and CO₂ emissions are specified for a vehicle variant and not for a single car. The applied standard test procedure enables comparison between different vehicle types and different manufacturers. In addition to the fuel efficiency of a car, driving behaviour as well as other non-technical factors play a role in determining a car's fuel/energy consumption, CO₂ emissions and electric range. CO₂ is the main greenhouse gas responsible for global warming.

Note: The data information in this press release reflects preliminary specifications and was correct at the time of going to print. However, Ford policy is one of continuous product improvement. The right is reserved to change these details at any time.

About Ford Motor Company

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Ford of Europe is responsible for producing, selling and servicing Ford brand vehicles in 50 individual markets and employs approximately 53,000 employees at its wholly owned facilities and approximately 68,000 people when joint ventures and unconsolidated businesses are included. In addition to Ford Motor Credit Company, Ford Europe operations include Ford Customer Service Division and 24 manufacturing facilities (16 wholly owned or consolidated joint venture facilities and 8 unconsolidated joint venture facilities). The first Ford cars were shipped to Europe in 1903 – the same year Ford Motor Company was founded. European production started in 1911.

Contact: Emma Bergg
Ford of Europe
+44 1268 405409
ebergg@ford.com