

smart fortwo:

Technical data

	smart fortwo 37 kW	smart fortwo 45 kW / smart fortwo cabrio 45 kW
Engine		
Type	petrol engine	petrol engine
Number of cylinders/configuration	three in-line	three in-line
Valves	two per cylinder	two per cylinder
Engine capacity (cc)	698	698
Bore x stroke (mm)	66.5 x 67	66.5 x 67
Rated output (kW)	37 at 5,250 rpm	45 at 5,250 rpm
Max. torque (Nm)	80 at 1,800 - 4,000 rpm	95 from 2,000 - 4,000 rpm
Compression ratio	9.0 : 1	9.0 : 1
Fuel delivery	electr. multipoint injection with electronic accelerator	electr. multipoint injection with electronic accelerator
Power transmission		
Clutch	single-plate dry clutch	single-plate dry clutch
Transmission	sequential automated six-speed transmission	sequential automated six-speed transmission
Ratios		
Final drive	3,920 / 1,551	3,920 / 1,551
1st gear	13,230	13,230
2nd gear	9,604	9,604
3rd gear	6,899	6,899
4th gear	5,235	5,235
5th gear	3,800	3,800
6th gear	2,730	2,730
Reverse	12,005	12,005
Running gear		
Front axle	wishbone, McPherson strut, anti-roll bar	wishbone, McPherson strut, anti-roll bar
Rear axle	DeDion axle tube with central mount, wishbone, coil springs, telescopic shock absorbers, anti-roll bar	DeDion axle tube with central mount, wishbone, coil springs, telescopic shock absorbers, anti-roll bar
Brake system	hydr. dual circuit system with vacuum booster, disc brakes at front, drum brakes at rear, electronic stability programme esp (incl. abs and brake-force distribution ebd), brake assist	hydr. dual circuit system with vacuum booster, disc brakes at front, drum brakes at rear, electronic stability programme esp (incl. abs and brake-force distribution ebd), brake assist
Steering	rack-and-pinion steering, steering damper	rack-and-pinion steering, steering damper

	smart fortwo 37 kW	smart fortwo 45 kW / smart fortwo cabrio 45 kW
Wheels front/rear	4 J x 15 / 5.5 J x 15	4 J x 15 / 5.5 J x 15
Tyres front/rear	145/65 R 15 / 175/55 R 15	145/65 R 15 / 175/55 R 15
Dimensions and weights		
Wheelbase (mm)	1,812	1,812
Track width front (mm)	1,272	1,272
Track width rear (mm)	1,354	1,354
Length (mm)	2,500	2,500
Width (mm)	1,515	1,515
Height (mm)	1,549	1,549
Turning circle (m)	8.8	8.8
Luggage compartment capacity	150 to waistline/ 260 to roof	150 to waistline/ 260 to roof
Weight without driver (kg)	730	730 (fortwo cabrio 740)
Payload (kg)	260	260 (fortwo cabrio 250)
Permissible total weight (kg)	990	990
Fuel tank capacity/ reserve (l)	33/5	33/5
Performance		
Acceleration 0 – 100 km/h (s)	18.3	15.5
Maximum speed	135 km/h	135 km/h
Fuel consumption (l/100 km)/Euro-premium		
urban cycle	6.0 (softip)	6.0 (softip)
extra-urban cycle	4.0 (softip)	4.0 (softip)
combined cycle	4.7 (softip)	4.7 (softip)
CO ₂ emissions (g/km)	113 (softip)	113 (softip)
Emission class	EU4	EU4

smart fortwo.

Technical data

	smart fortwo coupe cdi / smart fortwo cabrio cdi	smart fortwo coupé BRABUS / smart fortwo cabrio BRABUS
Engine		
Type	diesel	petrol engine
Number of cylinders/configuration	three in-line	three in-line
Valves	two per cylinder	two per cylinder
Engine capacity (cc)	799	698
Bore x stroke (mm)	65.5 x 79.0	66.5 x 67
Rated output (kW)	30 at 4,200 rpm	55 at 5,250 rpm
Max. torque (Nm)	100 at 1,800 – 2,800 rpm	110 from 2,500 – 4,500 rpm
Compression ratio	18.5 : 1	9.0 : 1
Fuel delivery	common-rail direct injection	electr. multipoint injection with electronic accelerator
Power transmission		
Clutch	single-plate dry clutch	single-plate dry clutch
Transmission	sequential automated six-speed transmission	sequential automated six-speed transmission
Ratios		
Final drive	3,667 / 1,353	3,920 / 1,717
1st gear	12,375	13,250
2nd gear	8,983	9,604
3rd gear	6,453	7,370
4th gear	4,566	5,796
5th gear	3,315	4,208
6th gear	2,381	3,220
Reverse	11,569	12,005
Running gear		
Front axle	wishbone, McPherson strut, anti-roll bar	wishbone, McPherson strut, anti-roll bar
Rear axle	DeDion axle tube with central mount, wishbone, coil springs, telescopic shock absorbers, anti-roll bar	DeDion axle tube with central mount, wishbone, coil springs, telescopic shock absorbers, anti-roll bar
Brake system	hydr. dual circuit system with vacuum booster, disc brakes at front, drum brakes at rear, electronic stability programme esp (incl. abs and brake-force distribution ebd), brake assist	hydr. dual circuit system with vacuum booster, disc brakes at front, drum brakes at rear, electronic stability programme esp (incl. abs and brake-force distribution ebd), brake assist
Steering	rack-and-pinion steering, steering damper	rack-and-pinion steering, steering damper

	smart fortwo cdi / smart fortwo cabrio cdi	smart fortwo coupé BRABUS / smart fortwo cabrio BRABUS
Wheels front/rear	4 J x 15 / 5.5 J x 15	5.5 J x 16 / 6.5 J x 16
Tyres front/rear	145/65 R 15 / 175/55 R 15	175/50 R 16 / 205/45 R 16
Dimensions and weights		
Wheelbase (mm)	1,812	1,812
Track width front (mm)	1,276	1,282
Track width rear (mm)	1,354	1,354
Length (mm)	2,500	2,500
Width (mm)	1,515 (fortwo cabrio 1,537)	1,515 (cabrio BRABUS 1,537)
Height (mm)	1,549	1,549
Turning circle (m)	8.8	8.8
Luggage compartment capacity	150 to waistline/ 260 to roof	150 to waistline/ 260 to roof
Weight without driver (kg)	730 (fortwo cabrio 740)	730 (cabrio BRABUS 740)
Payload (kg)	260 (fortwo cabrio 250)	260 (cabrio BRABUS 250)
Permissible total weight (kg)	990	990
Fuel tank capacity/ reserve (l)	22/5	33/5
Performance		
Acceleration 0 – 100 km/h (s)	19.8 (softip)	12.3
Maximum speed	135 km/h	150 km/h
Fuel consumption (l/100 km)/Euro-premium		
urban cycle	3.9 (softip)	6.5 (softip)
extra-urban cycle	3.1 (softip)	4.6 (softip)
combined cycle	3.4 (softip)	5.3 (softip)
CO ₂ emissions (g/km)	90	127
Emission class	EU3	EU4

smart roadster:

Technical data

	smart roadster 45 kw	smart roadster 60 kW
Engine		
Type	petrol engine	petrol engine
Number of cylinders/configuration	three in-line	three in-line
Valves	two per cylinder	two per cylinder
Engine capacity (cc)	698	698
Bore x stroke (mm)	66.5 x 67	66.5 x 67
Rated output (kW)	45 at 5,250 rpm	60 at 5,250 rpm
Max. torque (Nm)	95 at 2,000 - 4,000 rpm	110 at 2,250 - 4,500 rpm
Compression ratio	9.0 : 1	9.0 : 1
Fuel delivery	electr. multipoint injection with electronic accelerator	electr. multipoint injection with electronic accelerator
Power transmission		
Clutch	single-plate dry clutch	single-plate dry clutch
Transmission	sequential automated six-speed transmission	sequential automated six-speed transmission
Ratios		
Final drive	3,920 / 1,551	3,920 / 1,717
1st gear	13,250	13,250
2nd gear	9,604	9,604
3rd gear	6,899	7,370
4th gear	5,235	5,796
5th gear	3,800	4,208
6th gear	2,730	3,230
Running gear		
Front axle	wishbone, McPherson strut, anti-roll bar	wishbone, McPherson strut, anti-roll bar
Rear axle	DeDion axle tube with central mount, wishbone, coil springs, telescopic shock absorbers	DeDion axle tube with central mount, wishbone, coil springs, telescopic shock absorbers
Brake system	hydr. dual circuit system with vacuum booster, disc brakes at front, drum brakes at rear, electronic stability programme esp	hydr. dual circuit system with vacuum booster, disc brakes at front, drum brakes at rear, electronic stability programme esp
Steering	rack-and-pinion steering, electr. power steering (option)	rack-and-pinion steering, electr. power steering (option)
Wheels front/rear	5 J x 15 / 6 J x 15	5 J x 15 / 6 J x 15
Tyres front/rear	185/55 R 15 / 185/55 R 15	185/55 R 15 / 185/55 R 15 /

	smart roadster 45 kW	smart roadster 60 kW
Dimensions and weights		
Wheelbase (mm)	2,360	2,360
Track width front (mm)	1,357	1,357
Track width rear (mm)	1,392	1,392
Length (mm)	3,427	3,427
Width (mm)	1,615	1,615
Height (mm)	1,207	1,207
Turning circle (m)	10.7	10.7
Front luggage compartment (l)	59	59
Rear luggage compartment (l)	86	86
Weight without driver (kg)	790	790
Fuel tank capacity (l)	35	35
Performance		
Acceleration 0 – 100 km/h (s)	15.5	10.9
Maximum speed	160 km/h	175 km/h
Fuel consumption (l/100 km)/Euro-premium		
urban cycle	6.2	6.3
extra-urban cycle	4.1	4.3
combined cycle	4.9	5.1
CO ₂ emissions (g/km)	116	121
Emission class	EU4	EU4

smart roadster-coupé:

Technical data

	smart roadster-coupé 60 kW
Engine	
Type	petrol engine
Number of cylinders/configuration	three in-line
Valves	two per cylinder
Engine capacity (cc)	698
Bore x stroke (mm)	66.5 x 67
Rated output (kW)	60 at 5,250 rpm
Max. torque (Nm)	110 at 2,250 - 4,500 rpm
Compression ratio	9.0 : 1
Fuel delivery	electr. multipoint injection with electronic accelerator
Power transmission	
Clutch	single-plate dry clutch
Transmission	sequential automated six-speed transmission with kickdown function
Ratios	
Final drive	3,920 / 1,717
1st gear	13,250
2nd gear	9,604
3rd gear	7,370
4th gear	5,796
5th gear	4,208
6th gear	3,230
Running gear	
Front axle	wishbone, McPherson strut, anti-roll bar
Rear axle	DeDion axle tube with central mount, wishbone, coil springs, telescopic shock absorbers
Brake system	hydr. dual circuit system with vacuum booster, disc brakes at front, drum brakes at rear, electronic stability programme esp with hill start assist
Steering	rack-and-pinion steering, electr. power steering (option)

	smart roadster-coupé 60 kW
Wheels front/rear	6 J x 15 / 7 J x 15
Tyres front/rear	205/50 R 15 / 205/50 R 15
Dimensions and weights	
Wheelbase (mm)	2,360
Track width front (mm)	1,357
Track width rear (mm)	1,401
Length (mm)	3,427
Width (mm)	1,615
Height (mm)	1,207
Turning circle (m)	10.7
Front luggage compartment (l)	59
Rear luggage compartment (l)	189 / 104
Weight without driver (kg)	810
Fuel tank capacity (l)	35
Performance	
Acceleration 0 – 100 km/h (s)	10.9
Maximum speed	180 km/h
Fuel consumption (l/100 km)/Euro-premium	
urban cycle	6.4
extra-urban cycle	4.3
combined cycle	5.1
CO ₂ emissions (g/km)	121
Emission class	EU4

smart roadster and roadster-coupé (BRABUS and BRABUS Xclusive):

Technical data

	smart roadster BRABUS / smart roadster BRABUS Xclusive	smart roadster-coupé BRABUS / smart roadster-coupé BRABUS Xclusive
Engine		
Type	petrol engine	petrol engine
Number of cylinders/configuration	three in-line	three in-line
Valves	two per cylinder	two per cylinder
Engine capacity (cc)	698	698
Bore x stroke (mm)	66.5 x 67	66.5 x 67
Rated output (kW)	74 at 5,600 rpm	74 at 5,600 rpm
Max. torque (Nm)	130 at 2,500 – 5,300 rpm	130 at 2,500 – 5,300 rpm
Compression ratio	9.0 : 1	9.0 : 1
Fuel delivery	electr. multipoint injection with electronic accelerator	electr. multipoint injection with electronic accelerator
Power transmission		
Clutch	single-plate dry clutch	single-plate dry clutch
Transmission	sequential automated six-speed transmission with kickdown function	sequential automated six-speed transmission with kickdown function
Ratios		
Final drive	3,920 / 1,717	3,920 / 1,717
1st gear	13,250	13,250
2nd gear	9,604	9,604
3rd gear	7,370	7,370
4th gear	5,796	5,796
5th gear	4,208	4,208
6th gear	3,230	3,230
Running gear		
Front axle	wishbone, McPherson strut, anti-roll bar	wishbone, McPherson strut, anti-roll bar
Rear axle	DeDion axle tube with central mount, wishbone, coil springs, telescopic shock absorbers	DeDion axle tube with central mount, wishbone, coil springs, telescopic shock absorbers
Brake system	hydr. dual circuit system with vacuum booster, disc brakes at front, drum brakes at rear, electronic stability programme esp with hill start assist	hydr. dual circuit system with vacuum booster, disc brakes at front, drum brakes at rear, electronic stability programme esp with hill start assist
Steering	rack-and-pinion steering, electr. power steering (option)	rack-and-pinion steering, electr. power steering (option)

	smart roadster BRABUS / smart roadster BRABUS Xclusive	smart roadster-coupé BRABUS / smart roadster-coupé BRABUS Xclusive
Wheels front/rear	7 J x 17 / 8 J x 17	7 J x 17 / 8 J x 17
Tyres front/rear	205/40 ZR 17 / 225/35 ZR 17	205/40 ZR 17 / 225/35 ZR 17
Dimensions and weights		
Wheelbase (mm)	2,360	2,360
Track width front (mm)	1,365	1,365
Track width rear (mm)	1,402	1,402
Length (mm)	3,427	3,427
Width (mm)	1,615	1,615
Height (mm)	1,207	1,207
Turning circle (m)	10.7	10.7
Front luggage compartment (l)	59	59
Rear luggage compartment (l)	86	189
Weight without driver (kg)	820	840
Fuel tank capacity (l)	35	35
Performance		
Acceleration 0 – 100 km/h (s)	9.8	9.8
Maximum speed	190 km/hr.	195 km/hr.
Fuel consumption (l/100 km)/Euro-premium		
urban cycle	6.4	6.4
extra-urban cycle	4.5	4.5
combined cycle	5.2	5.2
CO ₂ emissions (g/km)	122	122
Emission class	EU4	EU4

smart forfour:

Technical data

	smart forfour 47 kW
Engine	
Type	petrol engine
Number of cylinders/configuration	three in-line
Valves	four per cylinder
Engine capacity (cc)	1124
Bore x stroke (mm)	75 x 84.8
Rated output (kW/bhp)	47/64 at 5,500 rpm
Max. torque (Nm)	92 at 2,500 rpm
Compression ratio	10.5
Fuel delivery	MPI
Power transmission	
Clutch	single-plate dry clutch
Transmission	manual five-speed transmission (MT)
Ratios	
Final drive	4,353
1st gear	14,389
2nd gear	8,327
3rd gear	5,476
4th gear	4,104
5th gear	3,322
Reverse	14,063
Running gear	
Front axle	wishbone, McPherson strut, anti-roll bar
Rear axle	twist beam axle, coil springs, telescopic shock absorbers
Brake system	hydr. dual circuit system with vacuum booster, disc brakes at front
Steering	rack-and-pinion steering, electr. power steering eps
Wheels front/rear	5.5 x 14
Tyres front/rear	175/65 R 14

	smart forfour 47 kW
Dimensions and weights	
Wheelbase (mm)	2,500
Track width front (mm)	1,460
Track width rear (mm)	1,445
Length (mm)	3,752
Width (mm)	1,684
Height (mm)	1,450
Turning circle (m)	10.5
Luggage compartment capacity	268 - 910
Weight without driver (kg)	965
Payload (kg)	485
Permissible total weight (kg)	1,450
Roof load (kg)	50
Fuel tank capacity/reserve (l)	47/5
Performance	
Acceleration 0 – 100 km/h (s)	15.3
Maximum speed	158 km/h
Fuel consumption (l/100 km)/Euro-premium	
urban cycle	6.9
extra-urban cycle	4.5
combined cycle	5.4
CO ₂ emissions (g/km)	128
Emission class	EU4

smart forfour:

Technical data

	smart forfour 1.1l (55 kW)	smart forfour 1.3l (70 kW)
Engine		
Type	petrol engine	petrol engine
Number of cylinders/configuration	three in-line	four in-line
Valves	four per cylinder	four per cylinder
Engine capacity (cc)	1124	1332
Bore x stroke (mm)	75 x 84.8	75 x 75.4
Rated output (kW)	55 at 6,000 rpm	70 at 6,000 rpm
Max. torque (Nm)	100 at 3,500 rpm	125 at 4,000 rpm
Compression ratio	10.5	10.5
Fuel delivery	MPI	MPI
Power transmission		
Clutch	single-plate dry clutch	single-plate dry clutch
Transmission	manual five-speed transmission (MT) or sequential automated six-speed transmission softouch plus (AMT)	manual five-speed transmission (MT) or sequential automated six-speed transmission softouch plus (AMT)
Ratios		
Final drive	4,353 (MT) / 4,529 (AMT)	4,158 (MT) / 4,529 (AMT)
1st gear	14,398 / 13,912	13,753 / 13,912
2nd gear	8,327 / 8,665	7,954 / 8,665
3rd gear	5,476 / 5,698	5,231 / 5,698
4th gear	4,104 / 4,271	3,920 / 4,271
5th gear	3,322 / 3,457	3,173 / 3,457
6th gear	---- / 2,912	---- / 2,912
Reverse	14,063 / 14,633	13,433 / 14,633
Running gear		
Front axle	wishbone, McPherson strut, anti-roll bar	wishbone, McPherson strut, anti-roll bar
Rear axle	twist beam axle, coil springs, telescopic shock absorbers	twist beam axle, coil springs, telescopic shock absorbers
Brake system	hydr. dual circuit system with vacuum booster, disc brakes at front and rear, electronic stability programme esp (incl. abs and ebd)	hydr. dual circuit system with vacuum booster, disc brakes at front and rear, electronic stability programme esp (incl. abs and ebd)
Steering	rack-and-pinion steering, electr. power steering eps	rack-and-pinion steering, electr. power steering eps

	smart forfour 1.1l (55kW)	smart forfour 1.3l (70kW)
Wheels front/rear	5.5 x 14 (pure) / 6 x 15 (pulse/passion)	5.5 x 14 (pure) / 6 x 15 (pulse/passion)
Tyres front/rear	175/65 R 14 (pure) / 195/50 R 15 (pulse/passion)	175/65 R 14 (pure) / 195/50 R 15 (pulse/passion)
Dimensions and weights		
Wheelbase (mm)	2,500	2,500
Track width front (mm)	1,460	1,460
Track width rear (mm)	1,445	1,445
Length (mm)	3,752	3,752
Width (mm)	1,684	1,684
Height (mm)	1,450	1,450
Turning circle (m)	10.5	10.5
Luggage compartment capacity	268 - 910	268 - 910
Weight without driver (kg)	965 (MT) / 970 (AMT)	970 (MT) / 975 (AMT)
Payload (kg)	485	485
Permissible total weight (kg)	1,450 (MT) / 1,455 (AMT)	1,455 (MT) / 1,460 (AMT)
Roof load (kg)	50	50
Permitted towed weight without brakes (kg)	500	500
Permitted towed weight with brakes (kg)	750	750
Fuel tank capacity/reserve (l)	47/5	47/5
Performance		
Acceleration 0 – 100 km/h (s)	13.4	10.8
Maximum speed	165 km/h	180 km/h
Fuel consumption (l/100 km)/Euro-premium		
urban cycle	7.0 (MT) / 6.8 (AMT)	7.4 (MT) / 7.3 (AMT)
extra-urban cycle	4.6 (MT) / 4.4 (AMT)	4.8(MT) / 4.6 (AMT)
combined cycle	5.5 (MT) / 5.3 (AMT)	5.8 (MT) / 5.6 (AMT)
CO ₂ emissions (g/km)	130 (MT) / 125 (AMT)	138 (MT) / 133 (AMT)
Emission class	EU4	EU4

smart forfour:

Technical data

	smart forfour 1.5l (80 kW)	smart forfour BRABUS
Engine		
Type	petrol engine	petrol engine with turbo charger
Number of cylinders/configuration	four in-line	four in-line
Valves	four per cylinder	four per cylinder
Engine capacity (cc)	1,499	1,468
Bore x stroke (mm)	75 x 84.8	75.5 x 82
Rated output (kW/bhp)	80/109 at 6,000 rpm	130/177 at 6,000 rpm
Max. torque (Nm)	145 at 4,000 rpm	230 at 3,500 rpm
Compression ratio	10.5	9.0
Fuel delivery	MPI	MPI
Power transmission		
Clutch	single-plate dry clutch	single-plate dry clutch
Transmission	manual five-speed transmission (MT) or sequential automated six-speed transmission softouch plus (AMT)	manual five-speed transmission
Ratios		
Final drive	4,158 (MT) / 4,529 (AMT)	3,737
1st gear	13,753 / 13,912	13,222
2nd gear	7,954 / 8,665	7,149
3rd gear	5,231 / 5,698	5,023
4th gear	3,920 / 4,271	3,838
5th gear	3,173 / 3,457	3,114
6th gear	--- / 2,912	---
Reverse	13,433 / 14,633	12,545
Running gear		
Front axle	wishbone, McPherson strut, anti-roll bar	wishbone, McPherson strut, anti-roll bar
Rear axle	twist beam axle, coil springs, telescopic shock absorbers	twist beam axle, coil springs, telescopic shock absorbers
Brake system	hydr. dual circuit system with vacuum booster, disc brakes at front and rear, electronic stability programme esp (incl. abs and ebd)	hydr. dual circuit system with vacuum booster, disc brakes at front and rear, electronic stability programme esp (incl. abs and ebd)
Steering	rack-and-pinion steering, electr. power steering eps	rack-and-pinion steering, electr. power steering eps

	smart forfour 1.5l (80 kW)	smart forfour BRABUS
Wheels front/rear	6J x 15 / 6J x 15	7J x 17 8J x 17
Tyres front/rear	195/50 R 15 / 195/50 R 15	205/40 R 17 225/35 R 17
Dimensions and weights		
Wheelbase (mm)	2,500	2,500
Track width front (mm)	1,460	1,456
Track width rear (mm)	1,445	1,441
Length (mm)	3,752	3,752
Width (mm)	1,684	1,684
Height (mm)	1,450	1,450
Turning circle (m)	10.5	11.0
Luggage compartment capacity	268 - 910	268 - 910
Weight without driver (kg)	975 (MT) / 980 (AMT)	1,090
Payload (kg)	485 (MT) / 480 (AMT)	480
Permissible total weight (kg)	1,460	1,570
Roof load (kg)	50	50
Permitted towed weight without brakes (kg)	500	---
Permitted towed weight with brakes (kg)	750	---
Fuel tank capacity/reserve (l)	47/5	47/5
Performance		
Acceleration 0 – 100 km/h (s)	9.8	6.9
Maximum speed	190 km/h	221 km/h
Fuel consumption (l/100 km)/Euro-premium		
urban cycle	7.6* / 7.8 (MT) / 7.6 (AMT)	8.9
extra-urban cycle	4.9* / 5.1 (MT) / 4.9 (AMT)	5.6
combined cycle	5.9* / 6.1 (MT) / 5.9 (AMT)	6.8
CO ₂ emissions (g/km)	140* / 145 (MT) / 138 (AMT)	159
Emission class	EU4	EU4

* Consumption and emission figures with tyre size 175/65 R 14 (available as an accessory)

smart forfour:

Technical data

	smart forfour 1.5l cdi (50 kW)	smart forfour 1.5l cdi (70 kW)
Engine		
Type	Diesel	Diesel
Number of cylinders/configuration	three in-line	three in-line
Valves	four per cylinder	four per cylinder
Engine capacity (cc)	1,493	1,493
Bore x stroke (mm)	83 x 92	83 x 92
Rated output (kW)	50 at 4,000 rpm	70 at 4,000 rpm
Max. torque (Nm)	160 at 1,600 rpm	210 at 1,800 rpm
Compression ratio	18.0	18.0
Fuel delivery	common rail direct injection	common rail direct injection
Power transmission		
Clutch	single-plate dry clutch	single-plate dry clutch
Transmission	manual five-speed transmission (MT) or sequential automated six-speed transmission softouch plus (AMT)	manual five-speed transmission (MT) or sequential automated six-speed transmission softouch plus (AMT)
Ratios		
Final drive	3,737 (MT) / 3,737 (AMT)	3,737 (MT) / 3,737 (AMT)
1st gear	12,360 / 12,360	12,360 / 12,360
2nd gear	7,149 / 7,149	7,149 / 7,149
3rd gear	4,554 / 4,554	4,554 / 4,554
4th gear	3,162 / 3,162	3,162 / 3,162
5th gear	2,433 / 2,433	2,433 / 2,433
6th gear	---- / 2,031	---- / 2,031
Reverse	12,545 / 12,545	12,545 / 12,545
Running gear		
Front axle	wishbone, McPherson strut, anti-roll bar	wishbone, McPherson strut, anti-roll bar
Rear axle	twist beam axle, coil springs, telescopic shock absorbers	twist beam axle, coil springs, telescopic shock absorbers
Brake system	hydr. dual circuit system with vacuum booster, disc brakes at front and rear, electronic stability programme esp (incl. abs and ebd)	hydr. dual circuit system with vacuum booster, disc brakes at front and rear, electronic stability programme esp (incl. abs and ebd)
Steering	rack-and-pinion steering, electr. power steering eps	rack-and-pinion steering, electr. power steering eps

	smart forfour 1.5l cdi (50kW)	smart forfour 1.5l cdi (70kW)
Wheels front/rear	5.5 x 14 (pure) / 6 x 15 (pulse/passion)	5.5 x 14 (pure) / 6 x 15 (pulse/passion)
Tyres front/rear	175/65 R 14 (pure) / 195/50 R 15 (pulse/passion)	175/65 R 14 (pure) / 195/50 R 15 (pulse/passion)
Dimensions and weights		
Wheelbase (mm)	2,500	2,500
Track width front (mm)	1,460	1,460
Track width rear (mm)	1,445	1,445
Length (mm)	3,752	3,752
Width (mm)	1,684	1,684
Height (mm)	1,450	1,450
Turning circle (m)	10.5	10.5
Luggage compartment capacity	268 - 910	268 - 910
Weight without driver (kg)	1,085 / 1,090	1,085 / 1,090
Payload (kg)	480	480
Permissible total weight (kg)	1,565 / 1,570	1,565 / 1,570
Roof load (kg)	50	50
Permitted towed weight without brakes (kg)	500	500
Permitted towed weight with brakes (kg)	750	750
Fuel tank capacity/reserve (l)	47/5	47/5
Performance		
Acceleration 0 – 100 km/h (s)	13.9	10.5
Maximum speed	160 km/h	180 km/h
Fuel consumption (l/100 km)/Euro-premium		
urban cycle	5.9 (MT) / 5.5 (AMT)	5.9 (MT) / 5.5 (AMT)
extra-urban cycle	3.9 (MT) / 3.8 (AMT)	3.9 (MT) / 3.8 (AMT)
combined cycle	4.6 (MT) / 4.4 (AMT)	4.6 (MT) / 4.4 (AMT)
CO ₂ emissions (g/km)	122	122
Emission class	EU4	EU4