

# Technical specifications. BMW 2 Series Gran Coupé. 220.



## BMW 220 Gran Coupé

### Body

Number of doors/seats		4 / 5
Length/width/height (empty)	mm	4546 / 1800 / 1435
Wheelbase	mm	2670
Track width, front/rear	mm	1561 / 1562
Ground clearance	mm	145
Turning circle	m	11.7
Fuel tank capacity	approx. l	49
Engine oil <sup>1)</sup>	l	5.3
Unladen weight according to DIN/EU	kg	1450 / 1525
Payload according to DIN	kg	535
Permitted total weight	kg	1985
Permitted axle loads, front/rear	kg	1065 / 1025
Perm. trailer load (12%)		
braked/unbraked	kg	1300 / 750
Permitted roof load/permitted trailer nose weight	kg	75 / 75
Luggage compartment capacity	l	360
Drag	c <sub>x</sub>	from 0.25

### Drive

Engine technology		BMW TwinPower Turbo Technology: Turbocharger, dual injection with direct injection, High Precision Injection and intake pipe fuel injection, fully variable valve control VALVETRONIC, variable camshaft control double VANOS, 48-volt mild hybrid technology with an electric motor integrated into the transmission
Power output / total <sup>2)</sup>	kW/hp	125 / 170
Torque / total <sup>2)</sup>	Nm	280

### Petrol engine

Type/no. of cylinders/valves		in-line / 3 / 4
Capacity, effective	cc	1499
Stroke/bore	mm	94.6 / 82.0
Compression	:1	11.1
Fuel		min RON 91
Nominal power output	kW/hp	115 / 156
at engine speed	rpm	4700 - 6500
Nominal torque	Nm	240
at engine speed	rpm	1500 - 4400
Power output per litre	kW/l	76.7

### Electric motor

Nominal power output	kW/hp	15 / 20
Nominal torque	Nm	55

### Electrical system

12-volt battery/installation location	Ah / -	60 / engine compartment
48-volt battery/installation location	Ah / -	20 / luggage compartment

### Driving dynamics and safety

Front wheel suspension	Single-joint suspension strut axle in aluminium-steel lightweight construction
Rear wheel suspension	Three-joint axle in lightweight steel construction
Brakes, front	Single-piston, floating-caliper disc brakes
Brakes, rear	Single-piston, floating-caliper disc brakes
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), directly controlled wheel slip limitation ARB, Cornering Brake Assist CBC, Brake Assist DBC, Performance Control, Dry Brake Function, Fade Compensation, Hill Start Control, Trailer Stability Control; optional: Adaptive M Chassis
Safety equipment	Standard: Airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for the front and rear rows of seats, interaction airbag between driver and front passenger, three-point automatic seat belts for all seats, front with belt tensioner and belt force limiter, crash sensors, tyre pressure display
Steering	Electromechanical power steering (EPS)

		with Servotronic function, optional: Sports steering
Overall steering ratio	:1	15.3
Tyres, front/rear		205/55 R17 91V
Wheel rims, front/rear		7.5J × 17 light alloy

**BMW 220 Gran Coupé**

**Transmission**

Transmission type	7-speed Steptronic transmission with double clutch		
Gear ratio	I	:1	16.324
	II	:1	9.573
	III	:1	5.952
	IV	:1	4.081
	V	:1	3.243
	VI	:1	2.549
	VII	:1	2.072
	R	:1	14.663

**Driving performance figures**

Weight-to-power ratio (DIN)	kg/kW	11.6
Acceleration 0-100 km/h	s	7.9
Top speed	km/h	230

**BMW EfficientDynamics**

BMW EfficientDynamics measures as standard	48-volt mild hybrid technology, brake energy recuperation with recuperation indicator, Auto Start Stop function, PERSONAL and EFFICIENT modes with coasting function, Forward View Assist, shift display in manual shift mode, electromechanical power steering, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, characteristic map-controlled oil pump, axle differential with optimised warm-up phase properties, tyres with reduced rolling resistance
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**Fuel consumption in EU cycle**

total (WLTP)	l/100	5.7 - 5.2
CO <sub>2</sub> (WLTP)	g/km	129 - 119
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		D

**Insurance rating**

Liability/comprehensive/3rd	3)
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Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases(weights)

<sup>1)</sup> Oil change amount

<sup>2)</sup> Is made up of combustion engine drive (stated nominal value) and electric drive (up to stated nominal value)

<sup>3)</sup> Data not yet available

Fuel consumption, CO<sub>2</sub> emission figures and power consumption as well as electric range were measured using the methods required according to Regulation VO (EC) 715/2007 as amended. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.de/wltp](http://www.bmw.de/wltp).

# BMW 2 Series Gran Coupé. M235 xDrive.

BMW M235 xDrive Gran Coupé		
<b>Body</b>		
Number of doors/seats		4 / 5
Length/width/height (empty)	mm	4546 / 1800 / 1435
Wheelbase	mm	2670
Track width, front/rear	mm	1562 / 1562
Ground clearance	mm	145
Turning circle	m	11.7
Fuel tank capacity	approx. l	49
Engine oil <sup>1)</sup>	l	6.3
Unladen weight according to DIN/EU	kg	1575 / 1650
Payload according to DIN	kg	555
Permitted total weight	kg	2130
Permitted axle loads, front/rear	kg	1115 / 1090
Perm. trailer load (12%) braked/unbraked	kg	750
Permitted roof load/permited trailer nose weight	kg	75 / 75
Luggage compartment capacity	l	430
Drag	C <sub>x</sub>	<sup>2)</sup>
<b>Engine</b>		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology		M TwinPower Turbo Technology: Turbocharger, dual injection with direct injection, High Precision Injection and intake pipe fuel injection, fully variable valve control VALVETRONIC, variable camshaft control double VANOS
Capacity, effective	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression	:1	9.5
Fuel		min RON 91
Nominal power output	kW/hp	221 / 300
at engine speed	rpm	5750 - 6500
Nominal torque	Nm	400
at engine speed	rpm	2000 - 4500
Power output per litre	kW/l	110.6
<b>Electrical system</b>		
12-volt battery/installation location	Ah / -	60 / engine compartment
<b>Driving dynamics and safety</b>		
Front wheel suspension		Single-joint suspension strut axle in aluminium-steel lightweight construction, M specific elastokinematics
Rear wheel suspension		Three-joint axle in lightweight steel construction, M specific elastokinematics
Brakes, front		Four-piston, fixed-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl., ASC and DTC (Dynamic Traction Control), directly controlled wheel slip limitation ARB, Cornering Brake Assist CBC, Brake Assist DBC, Performance Control, Dry Brake Function, Fade Compensation, Hill Start Control, Trailer Stability Control, DSC linked with xDrive all-wheel drive, mechanical differential lock, Adaptive M Chassis
Safety equipment		Standard: Airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for the front and rear rows of seats, interaction airbag between driver and front passenger, three-point automatic seat belts for all seats, front with belt tensioner and belt force limiter, crash sensors, tyre pressure display
Steering		Electromechanical power steering (EPS) with Servotronic function, sports steering
Overall steering ratio	:1	15.3
Tyres, front/rear		225/45 R18 95Y XL
Wheel rims, front/rear		8J × 18 light alloy

**BMW M235 xDrive Gran Coupé**

**Transmission**

Transmission type		7-speed Steptronic transmission with double clutch	
Gear ratio	I	:1	16.991
	II	:1	10.588
	III	:1	7.076
	IV	:1	4.910
	V	:1	4.001
	VI	:1	3.273
	VII	:1	2.522
	R	:1	16.323

**Driving performance figures**

Weight-to-power ratio (DIN)	kg/kW	7.1
Acceleration 0-100 km/h	s	4.9
Top speed	km/h	250

**BMW EfficientDynamics**

BMW EfficientDynamics measures as standard	Brake energy recuperation with recuperation indicator, Auto Start Stop function, PERSONAL and EFFICIENT modes with coasting function, Forward View Assist, shift display in manual shift mode, electromechanical power steering, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, characteristic map-controlled oil pump, efficiency-optimised all-wheel drive, axle differential with optimised warm-up phase properties, tyres with reduced rolling resistance
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**Fuel consumption in EU cycle**

total (WLTP)	l/100	8.2 - 7.5
CO <sub>2</sub> (WLTP)	g/km	185 - 170
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		G - F

**Insurance rating**

Liability/comprehensive/3rd	2)
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Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases(weights)

<sup>1)</sup> Oil change amount

<sup>2)</sup> Data not yet available

Fuel consumption, CO<sub>2</sub> emission figures and power consumption as well as electric range were measured using the methods required according to Regulation VO (EC) 715/2007 as amended. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.de/wltp](http://www.bmw.de/wltp).

# BMW 2 Series Gran Coupé. 218d.

<b>BMW 218d Gran Coupé</b>		
<b>Body</b>		
Number of doors/seats		4 / 5
Length/width/height (empty)	mm	4546 / 1800 / 1435
Wheelbase	mm	2670
Track width, front/rear	mm	1561 / 1562
Ground clearance	mm	145
Turning circle	m	11.7
Fuel tank capacity	approx. l	49
Engine oil <sup>1)</sup>	l	7.1
Unladen weight according to DIN/EU	kg	1490 / 1565
Payload according to DIN	kg	555
Permitted total weight	kg	2045
Permitted axle loads, front/rear	kg	1105 / 1030
Perm. trailer load (12%) braked/unbraked	kg	1300 / 750
Permitted roof load/permitted trailer nose weight	kg	75 / 75
Luggage compartment capacity	l	430
Drag	c <sub>x</sub>	from 0.25
<b>Engine</b>		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging, low-pressure charger with variable inlet geometry, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2500 bar)
Capacity, effective	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Output	kW/hp	110 / 150
at engine speed	rpm	3750 - 4000
Torque	Nm	360
at engine speed	rpm	1500 - 2500
Power output per litre	kW/l	55.1
<b>Electrical system</b>		
Battery/installation location	Ah / -	70 / engine compartment
<b>Driving dynamics and safety</b>		
Front wheel suspension		Single-joint suspension strut axle in aluminium-steel lightweight construction
Rear wheel suspension		Three-joint axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes
Brakes, rear		Single-piston, floating-caliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), directly controlled wheel slip limitation ARB, Cornering Brake Assist CBC, Brake Assist DBC, Performance Control, Dry Brake Function, Fade Compensation, Hill Start Control, Trailer Stability Control; optional: Adaptive M Chassis
Safety equipment		Standard: Airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for the front and rear rows of seats, interaction airbag between driver and front passenger, three-point automatic seat belts for all seats, front with belt tensioner and belt force limiter, crash sensors, tyre pressure display
Steering		Electromechanical power steering (EPS) with Servotronic function, optional: Sports steering
Overall steering ratio	:1	15.3
Tyres, front/rear		205/55 R17 91V
Wheel rims, front/rear		7.5J × 17 light alloy

<b>BMW 218d Gran Coupé</b>			
<b>Transmission</b>			
Transmission type		7-speed Steptronic transmission with double clutch	
Gear ratio	I	:1	14.964
	II	:1	8.776
	III	:1	5.456
	IV	:1	3.741
	V	:1	2.972
	VI	:1	2.337
	VII	:1	1.900
	R	:1	13.441
<b>Driving performance figures</b>			
Weight-to-power ratio (DIN)	kg/kW		13.5
Acceleration 0-100 km/h	s		8.4
Top speed	km/h		226
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics measures as standard		Brake energy recuperation with recuperation indicator, electromechanical power steering, Auto Start Stop function, shift display in manual mode, PERSONAL and EFFICIENT modes with coasting function, Forward View Assist, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, axle differential with optimised warm-up phase properties, tyres with reduced rolling resistance, Blue Performance technology with SCR catalytic converter	
<b>Fuel consumption in EU cycle</b>			
total (WLTP)	l/100		5.0 - 4.6
CO <sub>2</sub> (WLTP)	g/km		130 - 120
Emission rating			Euro 6e
CO <sub>2</sub> class(es)			D
<b>Insurance rating</b>			
Liability/comprehensive/3rd			2)

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases(weights)

- <sup>1)</sup> Oil change amount  
<sup>2)</sup> Data not yet available

Fuel consumption, CO<sub>2</sub> emission figures and power consumption as well as electric range were measured using the methods required according to Regulation VO (EC) 715/2007 as amended. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.de/wltp](http://www.bmw.de/wltp).

# BMW 2 Series Gran Coupé. 220d.

<b>BMW 220d Gran Coupé</b>		
<b>Body</b>		
Number of doors/seats		4 / 5
Length/width/height (empty)	mm	4546 / 1800 / 1435
Wheelbase	mm	2670
Track width, front/rear	mm	1561 / 1562
Ground clearance	mm	145
Turning circle	m	11.7
Fuel tank capacity	approx. l	49
Engine oil <sup>1)</sup>	l	7.1
Unladen weight according to DIN/EU	kg	1525 / 1600
Payload according to DIN	kg	560
Permitted total weight	kg	2085
Permitted axle loads, front/rear	kg	1125 / 1055
Perm. trailer load (12%) braked/unbraked	kg	1300 / 750
Permitted roof load/permited trailer nose weight	kg	75 / 75
Luggage compartment capacity	l	360
Drag	c <sub>x</sub>	from 0.25
<b>Drive</b>		
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging, high and low-pressure charger with variable inlet geometry, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2500 bar), 48-volt mild hybrid technology with an electric motor integrated into the transmission
Power output / total <sup>2)</sup>	kW/hp	120 / 163
Torque / total <sup>2)</sup>	Nm	400
<b>Diesel engine</b>		
Type/no. of cylinders/valves		in-line / 4 / 4
Capacity, effective	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Nominal power output at engine speed	kW/hp rpm	110 / 150 3750 - 4000
Nominal torque at engine speed	Nm rpm	360 1500 - 2500
Power output per litre	kW/l	55.1
<b>Electric motor</b>		
Nominal power output	kW/hp	15 / 20
Nominal torque	Nm	55
<b>Electrical system</b>		
12-volt battery/installation location	Ah / -	60 / engine compartment
48-volt battery/installation location	Ah / -	20 / Luggage compartment
<b>Driving dynamics and safety</b>		
Front wheel suspension		Single-joint suspension strut axle in aluminium-steel lightweight construction
Rear wheel suspension		Three-joint axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes
Brakes, rear		Single-piston, floating-caliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), directly controlled wheel slip limitation ARB, Cornering Brake Assist CBC, Brake Assist DBC, Performance Control, Dry Brake Function, Fade Compensation, Hill Start Control, Trailer Stability Control; optional: Adaptive M Chassis
Safety equipment		Standard: Airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for the front and rear rows of seats, interaction airbag between driver and front passenger, three-point automatic seat belts for all seats, front with belt tensioner and belt force limiter, crash sensors, tyre pressure display



Steering		Electromechanical power steering (EPS) with Servotronic function, optional: M sports steering
Overall steering ratio	:1	15.3
Tyres, front/rear		205/55 R17 91V
Wheel rims, front/rear		7.5J × 17 light alloy

**BMW 220d Gran Coupé**

**Transmission**

Transmission type	7-speed Steptronic transmission with double clutch		
Gear ratio	I	:1	14.964
	II	:1	8.776
	III	:1	5.456
	IV	:1	3.741
	V	:1	2.972
	VI	:1	2.337
	VII	:1	1.900
	R	:1	13.441

**Driving performance figures**

Weight-to-power ratio (DIN)	kg/kW	12.7
Acceleration 0-100 km/h	s	8.0
Top speed	km/h	226

**BMW EfficientDynamics**

BMW EfficientDynamics measures as standard	48-volt mild hybrid technology, brake energy recuperation with recuperation indicator, electromechanical power steering, Auto Start Stop function, shift display in manual mode, PERSONAL and EFFICIENT modes with coasting function, Forward View Assist, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency-optimised all-wheel drive, axle differential with optimised warm-up phase properties, tyres with reduced rolling resistance, Blue Performance technology with SCR catalytic converter
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**Fuel consumption in EU cycle**

total (WLTP)	l/100	4.6 - 4.2
CO <sub>2</sub> (WLTP)	g/km	120 - 110
Emission rating		Euro 6e
CO <sub>2</sub> class(es)		D - C

**Insurance rating**

Liability/comprehensive/3rd	3)
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Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases(weights)

<sup>1)</sup> Oil change amount

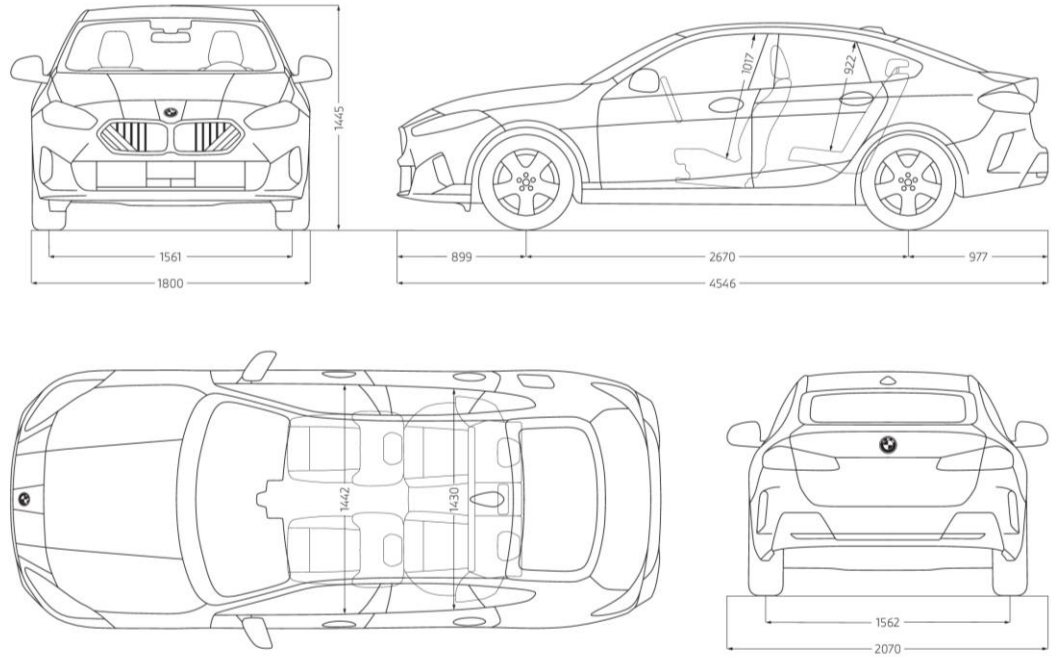
<sup>2)</sup> Is made up of combustion engine drive (stated nominal value) and electric drive (up to stated nominal value)

<sup>3)</sup> Data not yet available

Fuel consumption, CO<sub>2</sub> emission figures and power consumption as well as electric range were measured using the methods required according to Regulation VO (EC) 715/2007 as amended. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

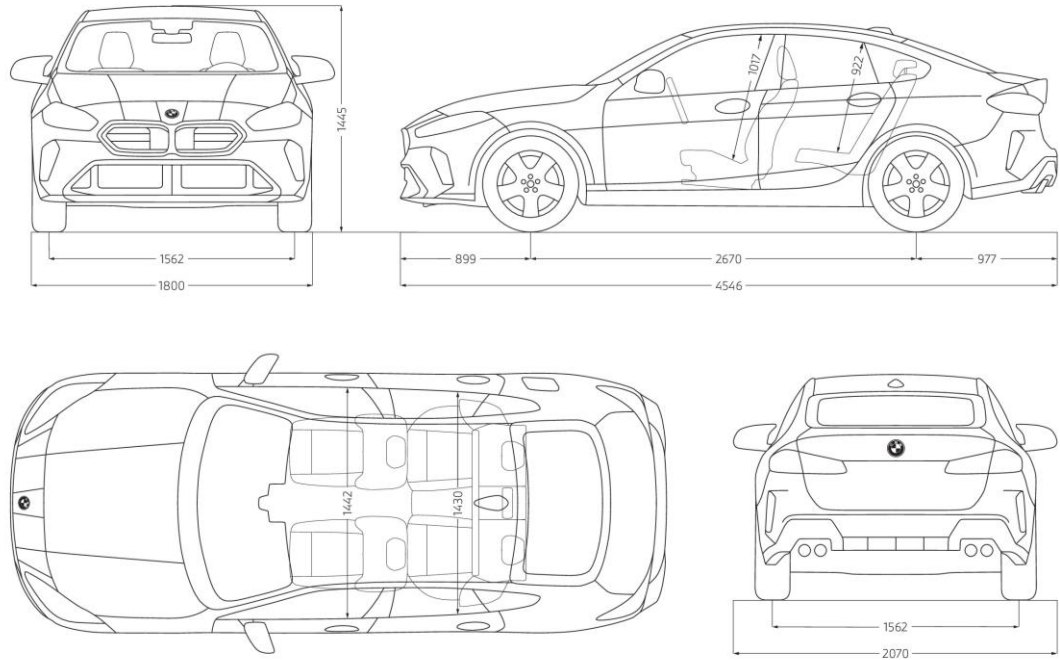
Further information on the WLTP and NEDC measurement procedures is also available at [www.bmw.de/wltp](http://www.bmw.de/wltp).

# Exterior and interior dimensions. BMW 2 Series Gran Coupé.



The dimensions in the technical drawing are in millimetres and may vary depending on the model and the optional equipment.

# BMW 2 Series. M235 xDrive Gran Coupé.



The dimensions in the technical drawing are in millimetres and may vary depending on the model and the optional equipment.