

# Volvo EX90

CONT'D VOLVO EX90 →

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## ENGINES

	Twin Motor Performance (EE)	Twin Motor(EV)	Twin Motor Performance (E2)
Type	Electric motor front / rear	Electric motor front / rear	Electric motor front / rear
Electrical motor max output, kW (hp)/rpm (metric)	380 (517) / n/a	300 (408) / n/a	370 (503) / n/a
Electrical motor max output, kW (hp)/rpm (mechanical)	380 (510) / n/a	300 (402) / n/a	370 (496) / n/a
Max torque, Nm / rpm	910 / n/a	770 / n/a	910 / n/a
Max torque, ft.lbf / rpm	671 / n/a	568 / n/a	671 / n/a

## PERFORMANCE

Acceleration, 0–100 km/h (sec)	4.9	5.9	4.9
Acceleration, 0–60 mph (sec)	4.7	5.7	4.7
Top speed, km/h	180	180	180
Top speed, mph	112	112	112

## BATTERY

Battery content, total amount of energy, (kWh) (Nominal)	111	111	111
Battery content, total amount of energy, (kWh) (Usable)	107	107	107
Battery type	CATL	CATL	CATL

## CHARGING

AC, h (3-PHASE) (16 A / 10 A / 6 A)	11 / 20 / 32	11 / 20 / 32	11 / 20 / 32
AC, h (1-PHASE) (48 A / 32 A / 16 A / 10 A)	11 / 17 / 34 / 57	11 / 17 / 34 / 57	11 / 17 / 34 / 57
DC, min (50 kW) **	97	97	97
DC, min (150 kW) **	n/a	n/a	n/a
DC, min (200 kW) **	32	32	32
DC, min (250 kW) **	30	30	30

\*\* (0-80% loading rate, battery temp 20-35 deg C)

## RANGE

Electric Range, (WLTP) (Combined) (Km) (EU)	Estimated range of up to ~590	Estimated range of up to ~600	n/a
Electric Range, (CLTC) (Km) (China)	Estimated range of up to ~650	Estimated range of up to ~650	n/a
Electric Range, (EPA) (Miles) (US)	n/a	n/a	Estimated range of up to ~300

## MEASUREMENTS AND VOLUMES EXTERIOR MEASUREMENTS (CM)

Length (L103)	503.7
Width (body width) (W116)	196.4
Width (W103)	196.4
Width (incl mirrors folded) (W144)	211.3
Width (incl mirrors outer edge) (W145)	203.9
Height (at curb weight) (H101)	174.7
Height (at curb weight + 1 person) (H101)	174.4
Wheelbase (L101)	298.5
Overhang (front) (L104)	92.0
Overhang (rear) (L105)	113.2
Vehicle height with open tailgate/trunklid (at curb weight) (H110)	217.8
Track, front (W101-1) (Tire (width): 255/265)	167.3/167.8
Track, front, with air suspension (W101-1) (Tire (width): 255/265)	167.3/167.8
Track, rear (W101-2) (Tire (width): 285/295)	166.7/167.8
Track, rear, with air suspension (W101-2) (Tire (width): 285/295)	166.7/167.8
Ground clearance Standard (at curb weight) (255/265) (H157)	21.2/21.5
Ground clearance with air suspension (at curb weight) (255/265) (H157)	20.5/21.0
Ground clearance Standard (at curb weight + 1 person) (255/265) (H157)	20.8/21.2
Wading capability* at walking speed (at curb weight)	450.0

\* Up to a depth approximately level with the floor at walking speed

Weight, kg (min-max, depending on setup)	~2818*
Max. trailer weight, kg	2200
Max roof load, kg	100
Approach angle (degr.) (A116-1)	19.3
Breakover angle (degr.) (A117)	18.2
Departure angle (degr.) (A116-2)	21.0
Drag coefficient, Cd	Down to 0.29

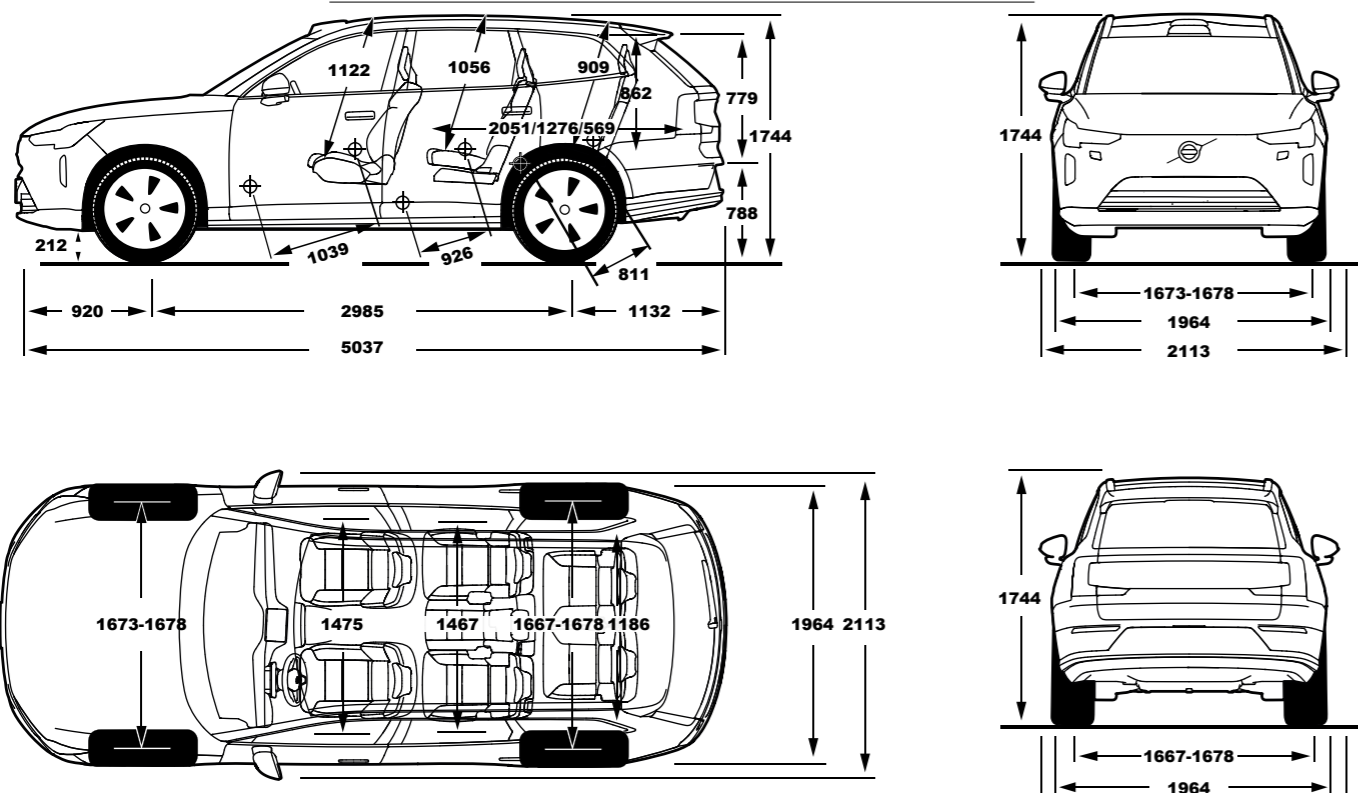
\* Depending on setup

## INTERIOR MEASUREMENTS AND VOLUMES (CM)

Headroom maximum, with panoramic sunroof (front) (H62-1 SR)	112.2
Headroom with panoramic sunroof (front/rear/third row) (H61-1 SR / H61-2 SR / H61-3 SR)	107.5/105.6/90.9
Passenger comp width at shoulder height (front/rear/third row) (W3-1 / W3-2 / W3-3)	147.5/146.7/118.6
Hip room front/rear (front/rear/third row) (W5-1 / W5-2 / W5-3)	142.2/143.4/109.6
Leg room (front/rear/third row) (L34 / L51-2 / L51-3)	103.9/92.6/81.1

Largest Luggage volume - First (including under floor storage) (V214-1)	up to 1915
(Largest volume. Load height limited by the headlining. Front limited by vertical plane tangential to the rear side of the front seatback)	
Largest Luggage volume - Second (including under floor storage) (V214-2)	up to 1010
(Second seat up. Load height limited by the headlining. Front limited by vertical plane tangential to the rear side of the second seatback)	
Largest Luggage volume - Third (including under floor storage) (V214-3)	up to 365
(Third seat up. Load height limited by the headlining. Front limited by vertical plane tangential to the rear side of the third seatback)	
Open Luggage Compartment - First (including under floor storage) (V211-1)	up to 1040
(Second seat folded. Load height limited to upper edge of the front seatback or lower edge of the rear window)	
Open Luggage Compartment - Second (including under floor storage) (V211-2)	up to 655
(Second seat up. Load height limited to the upper edge of the second seatback or second window)	
Open Luggage Compartment - Third (including under floor storage) (V211-3)	up to 310
(Third seat up. Load height limited to the upper edge of the third seatback or second window)	
Separate Storage Areas in Luggage Compartment (V209)	up to 65
(Closed storage areas located around the luggage compartments, behind wheel arches, under the floor, or any other area)	
Frunk volume, W/O warning triangle (incl TMK) / With warning triangle (incl TMK) (litres)	37/34
Cargo length from the first seatback to the tailgate measured at: the height of the floor covering (L212-1)	205.1
the top of the first seatback (L214-1)	191.1
Cargo length from the second seatback to the tailgate measured at: the height of the floor covering (L212-2)	127.6
the top of the second seatback (L214-2)	109.0
Cargo length from the third seatback to the tailgate measured at: the height of the floor covering (L212-3)	56.9
the top of the third seatback (L214-3)	37.8
Cargo floor height to ground (curb weight) (H253)	78.8
Rear opening height car center line (H202)	77.9
Cargo height rear wheel center and car center line (H201)	86.2
Cargo floor width, min. between wheel housings (W202)	1130
Rear opening width upper, min. (W205)	94.9
at floor, min. (W207)	113.8

EX90 7-SEAT



All figures are preliminary. Volvo Cars reserves the right to make changes in the specifications without any notice.

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