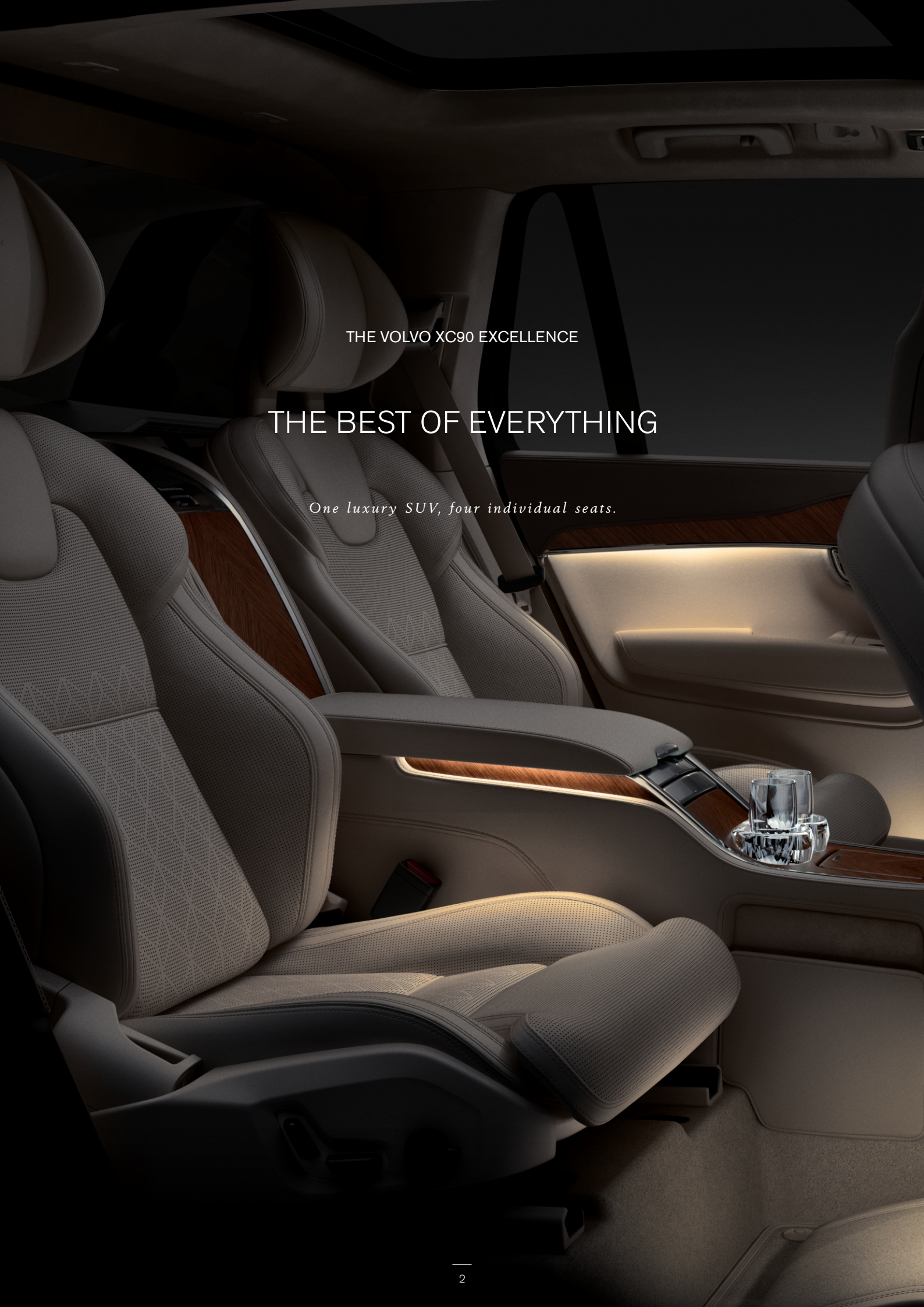

THE VOLVO
XC90
EXCELLENCE

T8

Seclusion


The ultimate form of sophisticated travel

A high-end photograph of the interior of a Volvo XC90 Excellence. The image shows the front and rear passenger areas with light-colored, textured leather seats and dark wood trim. The lighting is warm and focused, highlighting the car's luxurious details. The text is overlaid in the center of the image.

THE VOLVO XC90 EXCELLENCE

THE BEST OF EVERYTHING

One luxury SUV, four individual seats.

A high-angle, low-key photograph of the interior of a Volvo XC90 Excellence. The image shows the front and rear seats, which are upholstered in light-colored leather with a ribbed texture. The dashboard and center console are visible, featuring wood grain trim and ambient lighting. The steering wheel is partially visible on the right side. The overall atmosphere is one of luxury and modern design.

The top-of-the-line XC90 Excellence is based on the award winning XC90 SUV and further reinforces the company's credentials as a premium car maker.

It features extended leather-covered surfacing, finest quality upholstery and hand-crafted crystal glasses from Orrefors, the famous Swedish glass maker.

The superior comfort of the individual and adjustable rear seats, combined with a massage function and specially designed headrests, is further augmented with a refrigerator, two folding tables and cup holders with both heating and cooling options.

The XC90 Excellence is built on Volvo's modular Scalable Product Architecture (SPA) and comes with the award-winning T8 Twin Engine plug-in hybrid powertrain as standard, offering three distinct driving modes in one car: Pure, Hybrid and Power. This means the XC90 Excellence can provide up to 300 kW (235 + 65) combined with impressively low emissions.

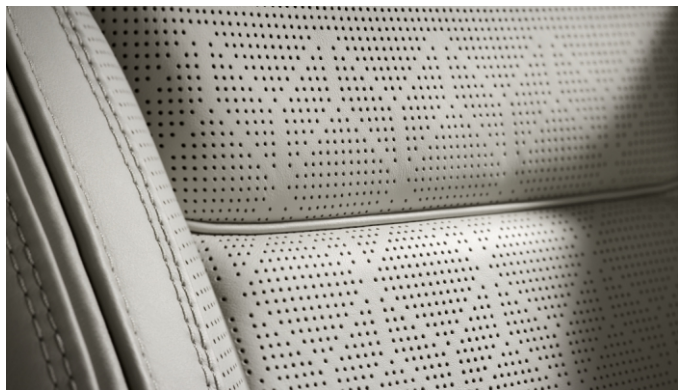
"The XC90 Excellence offers a sublime and luxurious experience. It is our top-of-the-line XC90 and we see a lot of interest from our more affluent customers", says Björn Annwall. "The additional sound insulation, enhanced Bowers & Wilkins sound system and convenience of rear seat controls takes the XC90 Excellence to a new level of luxurious calm and comfort."

OUR IDEA OF LUXURY

Second row, first class

The XC90 Excellence features two lavishly-appointed individual seats in the rear, as well as the front. That means you get to enjoy Volvo's legendary front seat comfort whether you take the wheel yourself, sit in the front passenger seat, or relax in the back while your chauffeur does the driving.





Individual comfort

Massage function, ventilation and heating are standard on the four individual seats. Upholstered with perforated fine Nappa leather.



Drinks cooler

The rear cooling compartment holds two 750 ml bottles of your preferred drink and two specially-designed handcrafted Swedish Orrefors™ crystal glasses.

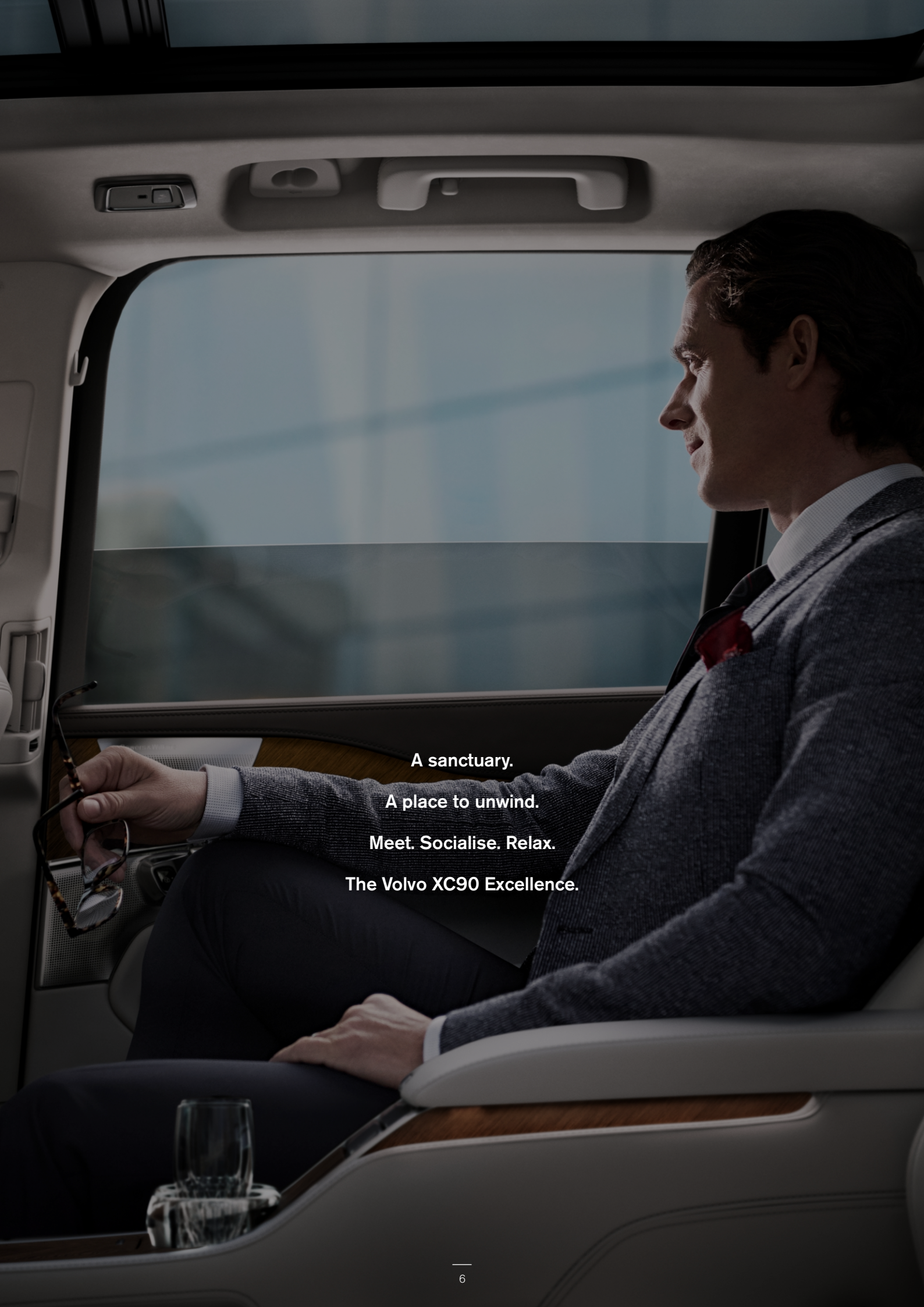


Excellence console

Our revolutionary console gives you control from the back seat. Configure the angle and heating of your seat, and keep your drinks at optimum temperature.

The XC90 Excellence creates a luxury experience that is uniquely Volvo.





A sanctuary.

A place to unwind.

Meet. Socialise. Relax.

The Volvo XC90 Excellence.



EXCELLENCE
BY SWEDEN

Feel pampered

*The interior has been meticulously crafted to
provide an atmosphere of tranquillity and
luxurious seclusion for you and your guests.*

Our Innovations

Everything we do is designed around people, so every innovation we make is designed to simplify and improve your life. We're especially proud of our advances in efficient power, connectivity and safety. We call our thinking in these areas Drive-E, Sensus and IntelliSafe.





T8 TWIN ENGINE

Intelligent power

With the T8 Twin Engine, the Pure electric mode makes for an almost silent experience. On the other hand, Power mode unleashes a full brunt of 300 kW and 640 Nm. Hybrid mode balances the two engines for optimal efficiency and performance.

Volvo XC90 Excellence

COMBUSTION ENGINE

Type
Configuration
Displacement, cm³
Fuel, rec. octane
Max output, kW/rpm
Max torque, Nm/rpm
Automatic gearbox

PERFORMANCE

Acceleration, 0 –100 km/h (sec)
Top speed, km/h
Fuel consumption l/100 km (Combined)
CO ₂ g/km

T8 Twin Engine AWD

In-line 4-cyl. supercharged and turbocharged
Transverse, front wheel drive, rear electric drive
1969
98 RON
235/5700
400/2200–5400
8-Speed Geartronic

5.6
230
2.1
49

Battery type
Battery content, total amount of energy (kWh)
Battery charging time*, at 230V: 16A/10A/6A fuse (hours)
Electrical motor max power (kW/rps)
Electrical motor max torque (Nm/rps)
Driveline max power (kW)
Driveline max torque (Nm)
Battery placement

Lithium-ion battery
9.2
2.5/3.5/6.0
65/117
240/0-50
300 (235+65)
640 (400+240)
Centrally in the tunnel of the car

* Time depending on conditions e.g. ambient temperature



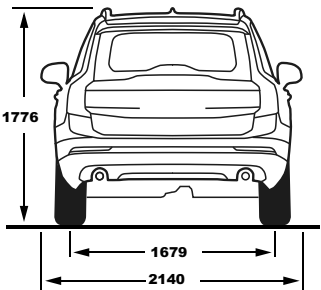
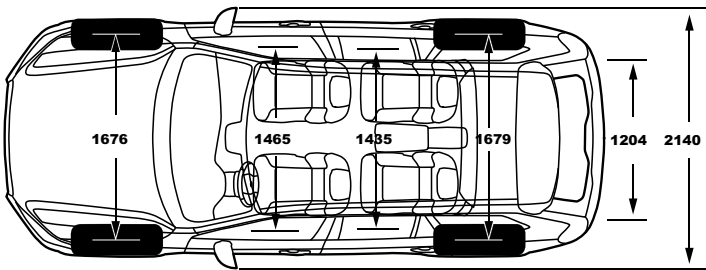
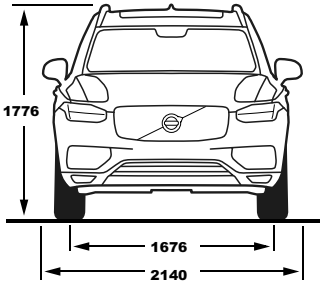
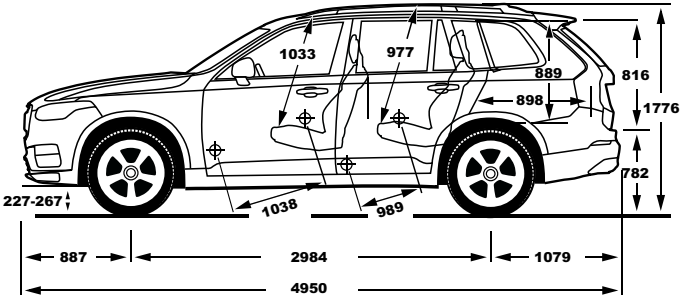
MEASUREMENTS AND VOLUMES

EXTERIOR MEASUREMENTS (MM)	
Length	4950
Width (incl mirrors outer edge)	2140
Width (incl mirrors folded)	2008
Height	1776
Wheelbase	2984
Overhang (front/rear)	887/1079
Track, front, with air suspension	1676
Track, rear, with air suspension	1679
Ground clearance (with air suspension)	227-267

WEIGHTS/MISCELLANEOUS

Weight, kg	2350
Fuel tank, litres	50
Max. trailer weight, kg	2400-2700
Max roof load, kg	100
Drag coefficient, Cd	0.29

INTERIOR MEASUREMENTS (MM)	
Headroom (front/rear)	987/977
Headroom maximum, (front)	1033
Passenger comp width at shoulder height (front/rear)	1465/1435
Leg room (front/rear)	1038/989
Cargo length	898
Cargo height	889
Rear opening height	816
Width of luggage compartment between wheelhouses	1130



CHASSIS		
Suspension	front	Double Wishbones with Air Suspension and 4C Continuously Controlled Shock Absorbers, Stabilizer Bar.
	rear	Integral Axle with Air Suspension and 4C Continuously Controlled Shock Absorbers, Stabilizer Bar.
Steering		Power Assisted Rack and Pinion Steering
Turning circle, (kerb to kerb)		12.1 m
Braking system		Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)
Braking distance, 100 – 0 km/h		36 m
Brake disc diameter	front	345 mm
	rear	320 mm

Average fuel economy of 2.5-litres per 100 km in the XC90 T8 Twin Engine is achievable when the battery pack is charged, to enable a mix of petrol and electric driving. This is best attainable on shorter journeys in an urban environment. When the battery is depleted, and the vehicle relies mostly on petrol power, average fuel economy will rise. On longer journeys, local expected range will be around 780 km. The stated combined fuel economy figure of 2.5-litres per 100 km is quoted according to the industry standard for plug-in hybrid vehicles (PHEV), tested according to the New European Driving Cycle (NEDC). The results do not express or imply any guarantee of the fuel consumption of a particular car as there are inevitable differences between individual cars of the same model. Additionally, driving style, traffic conditions, temperature, weight, as well as the age, mileage and standard of maintenance will affect a car's fuel consumption.

The weight of the vehicle will influence the level of CO₂ emitted. As a result, vehicles with higher levels of specification and factory fitted options may emit higher levels of CO₂. A weighbridge must be used to determine specific weights.

SPECIFICATIONS

Emblems	Compass in inner rear view mirror	•
XC90 emblem	• Automatically dimmed inner and exterior mirrors	•
Emblem 'T8'	• Carpet kit, textile 4-seat	•
TWIN ENGINE AWD emblem	• Carpet kit black	◦
4-seat emblem tailgate	• Sill moulding 'Volvo' metal illuminated	•
Climate	Interior illumination high level	•
4-zone Electronic Climate Control including cooled glove box	• Nubuck / Textile in headlining	•
CleanZone (AQS with pre-ventilation at unlocking)	• Charcoal roof colour interior	◦
Humidity sensor	• Blond roof colour interior	◦
Pre-ventilation + prolonged heating after engine shut off	• Luggage compartment	
Tinted windows, rear side doors and cargo area	• Tyre repair kit	•
Sun blind, rear side door windows	• Power operated tailgate	•
Panoramic sunroof with power operation	• Load cover	•
Heated windscreen washers (heated wet arms)	• Grocery bag holder	•
Heated steering wheel	• Storage tray RH side cargo area with bottle holder strap	•
Locking and security systems	Cargo opening scuff plate - metal	•
Alarm	• Triangle	•
Interior motion sensor for alarm	• 12V outlet in luggage area	•
Inclination sensor for alarm	• Cargo divider / storage tray (under load floor)	•
Key fob 4-seater	• Exterior	
Keyless entry with remote tag and handsfree tailgate opening	• Bright integrated roof rails	•
Private locking	• Inscription grille	•
Power child lock, rear side doors	• TL element exterior front LH / RH side	•
Two step unlocking	• Bright decor side windows	•
Central lock switch with diode in front and rear doors	• Painted door moulding lower, with chrome and Excellence logo	•
Laminated side windows	• Colour coordinated door handles with bright deco, Illumination and puddle lights	•
Instrumentation	Inscription bright TL element exterior rear	•
12,3 inch Driver Display	• Painted wheel arches (20" wheels and larger)	•
Seats	Dual integrated tail pipes	•
Nappa leather upholstery / perforated leather	• Colour coordinated side mirror covers	•
Ventilated front seats	• Retractable side mirrors	•
Comfort seat padding	• LED headlights with automatic bending	•
Power adjustable driver seat with memory	• Headlight high pressure cleaning	•
Power adjustable passenger seat with memory	• EBL, Flashing Brake Light and Hazard Warning	•
Power adjustable side support	• Number plate adapter, Europe	•
4 way power adjustable lumbar support	• Painted bumper	•
Power cushion extension, driver side	• Support systems	•
Power cushion extension, passenger side	• Adaptive Cruise Control	•
Backrest massage, front seats	• Pilot assist, Generation II	•
Heated front seats	• Collision Mitigation Support, front	•
Mechanical release fold 2nd row rear seat	• Lane Keeping Aid	•
Fixed rear headrests	• Blind Spot Information System with Cross Traffic Alert	•
Centre armrest with cup holders	• Collision Warning and Mitigation support, rear	•
Interior	360 °camera	•
Linear Walnut decor inlays	• Park assist pilot + park assist front and rear	•
Standard colour on headlining / ceiling	• Personal settings, power steering	•
Illuminated vanity mirrors in sunvisor LH / RH side	• Drive mode settings	•
With ticket holder	• Hill start assist	•
Leather upgrade on dashboard + front / rear doors.	• Hill Descent Control	•
Leather steering wheel with Uni deco inlay, 3 spoke	• Rain sensor	•
Crystal gear lever knob	• Graphical Head Up display	•
Standard pedals	• Charge connector, EU	•
Cigarette lighter / ashtray front + ashtray in rear doors	• Charge Cord, Plug: F, 13A, Germany	•
230V outlet in lower rear tunnel console	• With charge cord bag	•

• - Standard features; ◦ - Optional features

SPECIFICATIONS

Safety	Automatic 8-speed FWD	•
Front airbags	• Stop / Start technology	•
Knee airbag driver side	• Engine installation	
SIPS airbags	• Plug-in hybrid vehicle	•
Inflatable curtains	• Electric Rear Axle Drive (ERAD)	•
Whiplash protection, front seats	• Fuel tank 50 litres	•
Belt reminder all seats, EU logic	• Speed limit 230 km/h	•
Cut-off switch passenger airbag	• Petrol fuel pump with external filter	•
Pyrotechnical pre-tensioners, front / rear all positions	• Service distance 20 000 km	•
ISOFIX - outer position rear seat	• Chassis	
EBL, Flashing Brake Light and Hazard Warning	• Air suspension, 4 corner	•
High positioned rear brake light	• Chassis, Four-C	•
Intelligent Driver Information System (IDIS)	• Brake discs 19" FN+	•
Audio, Navigation and Telecommunication	Rear brake 18"	•
Premium Sound audio by Bowers and Wilkins	• Wheels	
Remote control buttons in steering wheel	• Alloy 21" + 275/40 "Inscription"	•
1 AUX and 2 USB connections	• 275/40R21	•
Bluetooth connection	• Pirelli Y, with cavity noise damping	•
Subwoofer	• Indirect TPMS, Basic Algorithm	•
Navigation - Pro	• Driver information	
Map region for Africa and Middle East	• Owner's manual English	•
Road Sign Information (RSI)	• English language instrumentation	•
Smart phone integration with USB HUB (only iPhone)	• Digital owner's manual	•
Speech function	•	
Transmission		



• - Standard features; ◦ - Optional features

V O L V O