



2024 MAZDA CX-90 PHEV SPECIFICATIONS & FEATURES





2024 MAZDA CX-90 PHEV

SPECIFICATIONS & FEATURES

PRELIMINARY

PRODUCTION TIMING

JOB 1: DECEMBER 2022

MODEL LINE-UP

ENGINE	MODEL	MODEL CODE
2.5 e-SKYACTIV PHEV	GS	VXSP84
2.5 e-SKYACTIV PHEV	GS-L	VXLP84
2.5 e-SKYACTIV PHEV	GT	VXTP84

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* Information contained herein is subject to change without notice.*

2024 MAZDA CX-90 PHEV

VERSION CHANGE LOG

DATE	ITEM	UPDATE DETAIL



2024 MAZDA CX-90 PHEV

MODEL LINE-UP /MSRP

Effective Date: February 7, 2023

Trim	Trans	Drive	Engine	Electrification System	Description	Model Code	Option Code	MSRP
GS	8AT	AWD	2.5 e-SKYACTIV PHEV	Plug-in Hybrid		VXSP84*	AA00*	\$54,900
GS-L	8AT	AWD	2.5 e-SKYACTIV PHEV	Plug-in Hybrid		VXLP84	AA00	\$59,950
GT	8AT	AWD	2.5 e-SKYACTIV PHEV	Plug-in Hybrid		VXTP84	AA00	\$64,350
Freight & PDE for all models								\$1,995

Note: \$100 air conditioning surcharge is excluded from applicable vehicle prices

*This model will be introduced in the fall of 2023. More detailed timing will be communicated at a later date.

Options	AvailableOn	MSRP
Rhodium White Metallic	GS-L/GT	\$350
Machine Grey Metallic	All models	\$350
Artisan Red Metallic	GT	\$450
Soul Red Crystal Metallic	GS-L/GT	\$450
Pure White Nappa Leather interior (available with select exterior colours only)	GT	\$200

2024 MAZDA CX-90 PHEV

VEHICLE HIGHLIGHTS

The CX-90 is a three-row SUV developed with the desire to strengthen family ties through endless driving pleasure and functionality that enables a variety of experiences.

With society rapidly accelerating the pace of decarbonization, Mazda is pushing forward to introduce products based on a multi-solution strategy that offers the best combination of internal combustion and electrification technologies, while taking into account the environmental regulations and power generation conditions in our market.

The CX-90 features newly developed gasoline engines based on the "right sizing" concept, which calls for optimizing displacement to improve fuel and power efficiency. At the same time, we have evolved the Jinba-ittai driving experience and synergistic effect of delivering ample power and torque, while also challenging ourselves to achieve a finer balance between environmental performance and the ability to drive at will. Mazda's Skyactiv Multi-Solution Scalable Architecture, which is designed to support the longitudinally mounted power units, achieves excellent crash safety and handling stability through a skeletal structure that enables highly rigid and efficient energy management.

The CX-90 plug-in hybrid (PHEV) on the Large Architecture model features Mazda latest electrification technology that efficiently controls a 2.5L inline 4-cylinder engine and a high output motor to provide driving performance that optimizes fuel economy and acceleration performance in response to the driver's pedal operation. The high output power unit pairs with Mazda intelligent Drive Select's (Mi-Drive's) evolved "SPORT" mode to let the driver enjoy powerful acceleration that realizes quicker vehicle response to the accompaniment of a pleasing sound when pressing the accelerator pedal. The powertrain further evolves the balance between driving at will and excellent environmental performance when, for example, "EV" mode is selected to drive the CX-90 using electric motor power that runs on energy stored in the dedicated battery pack.



2024 MAZDA CX-90 PHEV

VEHICLE HIGHLIGHTS

DESIGN

A design that captivates the viewer with the beauty of its dynamic form and its comfortable interior space.

The CX-90 takes the beauty of "less is more" approach to a new level with an exterior and interior design inspired by a uniquely Japanese aesthetic. The exterior combines a lustrous look with proportions that create a sense of movement, and the interior has been intricately styled, from the bold dashboard all the way through to the third row. These enhancements give the CX-90 an unparalleled presence that make time spent with the car pleasant and enjoyable for everyone who sees and rides in it—making owners proud of their values and uncompromising taste every time they catch sight of their car.

The CX-90 design concept is centred around "Dignified Beauty". It expresses bold and dynamic proportions that are as impressive as its dignified appearance and the visual strength of our vast landscape.

Exterior Design

1) Dynamic proportions

In order to achieve proportions that give a sense of forward "movement", we thoroughly reviewed the positioning of cabin occupants and the powertrain, balanced the cabin's visual center of gravity to appear closer to the rear tires, and created a rhythmical length difference between the front and rear overhangs.

2) Bold front end

Refining the overall proportions eliminated the need to rely on a strong wedge shape. Shortened overhangs combined with an increase in the overall width to create a front end that clearly expresses a sense of width and height. The considerable presence of the front end leaves a strong impression of the "Dignified Beauty" design concept.

3) A fine blend of cabin space and styling

We have achieved both a beautiful form and an interior space with three rows of seats built to satisfy the whole family. The realization of a "framework with a sense of movement" allows a freer and truer expression of KODO Design without resorting to beltline wedges or cabin compression. This ensures ample interior space within the CX-90's dynamic form.

4) Emotional body surfaces

The unique expression of motion that KODO Design aims for was deepened to achieve a heightened interplay of light and shadow. Achieving ideal proportions enabled us to limit the use of wedge shapes or character lines and thereby accentuate reflections and the movement of light across the surfaces. One highlight of the CX-90 design is its unique shape that connects the cabin and body by a single light movement, making the entire vehicle appear as one large mass. By skillfully manipulating the curved surfaces, light and reflections on the body continuously change their expression to create emotional light transitions.

Interior Design

The wide instrument panel and side louvers that feed into the door trim create a wide, rich space. The extra-thick console has a powerful shape that runs front to back through the space, expressing structural strength by conveying a sense of the powerful front transmission layout beneath, and the longitudinally mounted engine that lies ahead of it. The rear of the console is equipped with USB charging ports and heater controls to enhance rear seat comfort. The rear seat console has also evolved into a more integrated shape, while adding metallic trim that matches the console and door trim to create a unified space.

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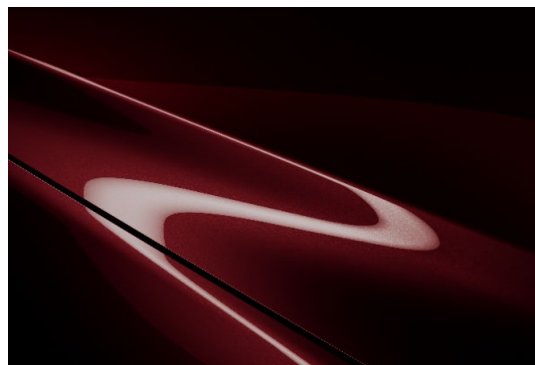
VEHICLE HIGHLIGHTS

**“Takumi” Craftsmanship**

The expression of a uniquely Japanese sense of beauty, which finds beauty in the changes brought about by nature, is achieved through craftsmanship that is executed in everything down to the smallest detail. This attention to detail, evident in the handiwork of artisans, is reflected in the body surfaces and materials used for each part, which blend with nature and change their expression with changes in light and the environment. Each finely crafted detail provides a fresh, inviting sensation every time you look at the CX-90.

The Newest Takuminuri Colour

As a new challenge for Mazda’s Takuminuri painting process, Artisan Red Metallic was developed to highlight the dynamic and graceful shape of the CX-90. Artisan Red is a deep red that will satisfy customers looking for something a little more luxurious, in contrast to Soul Red Crystal Metallic, which gives a more passionate and sporty impression. This is an unprecedented premium colour that expresses true depth in the shaded areas, like a fine wine aged for many years, as well as a transparent and vivid red in the highlights where the light hits it.



2024 MAZDA CX-90 PHEV

VEHICLE HIGHLIGHTS

DRIVING DYNAMICS

Passion for driving: Providing exciting driving entertainment

Suspension

The front suspension uses a double wishbone setup while the rear uses a multi-link system so drivers experience supple movement in various everyday situations that leaves them feeling as though they are free to drive at will, anytime and anywhere. The suspension contributes to Mazda's Jinba-ittai experience by helping maintain a stable posture when passing over uneven road surfaces.

Kinematic Posture Control (KPC)

The effect of KPC results in reduced body lift, even on sharp curves, which increases the feeling of solid ground contact and allows the driver to accelerate with greater confidence. This in turn provides greater peace of mind, not only for the driver, but also for family members, pets and all who ride along in the cabin.

KPC is a unique technology developed by Mazda that, while fully leveraging the CX-90's suspension structure which moves smoothly in the everyday range of use, aims to realize a more integrated and stable cornering posture, even at high speeds. Its rear suspension is designed to generate an anti-lift force that pulls the body down when the brakes are applied. KPC takes full advantage of these suspension characteristics, applying a slight amount of brake pressure to the inner rear wheel when cornering under high lateral G force to suppress roll and stabilize the vehicle's posture. The system also monitors cornering status in real time based on the difference in speed between the left and right rear wheels, and increases its operation linearly in response to achieve the appropriate stabilization effect. Another benefit of KPC is that it does not add even a single gram to the car's weight.

The effect of KPC is particularly noticeable when negotiating sharp curves or driving on rough surfaces. KPC stabilizes the car as if it were fixed to the ground, even in situations where it would have been leaning heavily in the past. This allows the driver to accelerate with greater confidence. Furthermore, KPC helps prevent the body from lifting, even when cornering at high speeds. Even in an SUV which inherently carries a high center of gravity, this provides greater peace of mind to the driver and other cabin occupants.

Seats

Beyond contributing to the ease of driving, it was decided that the seats should be designed to minimize the amount of body sway felt by occupants. The seat structure was designed to more firmly support the body so that the driver and all passengers can unconsciously balance themselves against the front-to-back and side-to-side G-forces generated by driving operations.

Electrification technology

Mazda has adopted electrification technology as a new step toward achieving a high level of dynamic performance and environmental performance, while lifting people's spirits through driving pleasure. Based on our building block strategy approach of refining the internal combustion engine as we combine it with electrification technology, Mazda has created a lineup of PHEV and MHEV48 vehicles that take advantage of the strengths of the longitudinally mounted engine platform.

2024 MAZDA CX-90 PHEV

VEHICLE HIGHLIGHTS

Plug-in Hybrid (PHEV)

To achieve Mazda's ideal level of driving at will and evolved environmental performance, we have When running on the electric motor alone, the CX-90 is expected to travel approximately 37 kilometers (EPA testing assessed) on a full charge.^{*1} On the other hand, the internal combustion engine can be used to reduce concerns about cruising range if the battery charge falls below a certain level on longer drives, such as a weekend trip for example.

Furthermore, the CX-90 PHEV features a battery mounted under the floor, which not only lowers the center of gravity and contributes to the Jinba-ittai experience, but also prevents it from affecting the cargo area so customers are still afforded a large, uncompromised cargo space. The CX-90 PHEV offers excellent economy and environmental performance that that inspires you to want to drive wherever you care to go. The moment you step on the accelerator, its powerful torque lets you enjoy the feeling of positive response and good performance. And it offers a load capacity that is convenient for both daily use and leisure activities.

^{*1} Evaluation figures measured on the North American spec model. Please check the spec sheet for details.



Charge mode

This mode prioritizes battery charging, aiming for a preset State of Charge (SOC) before using "EV" mode or in preparation for use in providing electricity, such as when camping. When the SOC is lower than the set level, the engine is started in advance to charge the battery. When the SOC is higher than the set level, normal hybrid driving is performed until the set SOC is reached, and engine power generation is controlled to maintain that state afterward. Selecting Charge mode has little effect on driving performance, and each mode can be selected with the exception of "EV" mode when using Mazda Intelligent Drive select (Mi-Drive).

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VEHICLE HIGHLIGHTS

PHEV Sport mode

The PHEV's Sport mode, which can be selected via the Mi-Drive switch, is a mode for customers who want to maximize driving enjoyment. In this mode, the CX-90 responds to the driver's operation without delay, the driver feels the power and G-force of acceleration along with the gears shifting as the revs climb and as they enjoy driving at will, from low through high G conditions, at high speeds, or on winding roads.

The sound of the PHEV

The e-Skyactiv PHEV is powered by an electric motor and a four-cylinder gasoline engine. While maintaining quietness when running under motor power, the sounds necessary for the driver to operate the vehicle, such as for gas pedal action and indication of vehicle speed, are audible. When stepping on the gas pedal, the driver feels the torque from the engine, and importance was placed on conveying the sensation of "switching" when the rate of acceleration increases. When running on the four-cylinder engine and stepping on the gas pedal, the engine emits an intake sound and the basic sounds emitted by the four cylinders are layered with those of nearby frequencies to create a rhythmical beat that is uniquely Mazda. As the revs increase, the sound of torque resounds and as power generated by the motor also kicks in, the seemingly limitless free-revving sound lends the driver a sense of elation.

Regenerative coordinated braking system using brake-by-wire technology

The CX-90 adopts a regenerative coordinated braking system to achieve braking force in accordance with the driver's intention while efficiently recovering energy by coordinating friction braking and motor regeneration. The brake-by-wire system determines the target braking force based on the driver's brake pedal operation and, within this range, the motor regenerates energy to the maximum extent possible.^{*2} By compensating for any shortfall with the braking force of the friction brake, the system thereby achieves both a natural brake feeling and lower fuel consumption.

^{*2} Maximum energy is regenerated within vehicle stability limits.

Eight-speed automatic transmission

The eight-speed automatic transmission without a torque converter is introduced to embody the Jinba-ittai concept. Smooth and responsive gear shifting with multi-stepping and a wide range achieves the right balance of dynamic and environmental performance. By replacing the torque converter with strategically placed clutches, the torque of the engine and motor is transmitted directly, with crisp and defined shifts, much like a manual transmission, enabling a response that feels more natural to the driver. In addition, the clutch's friction transmission and cooling functions have been evolved to achieve smooth starting and high efficiency.



2024 MAZDA CX-90 PHEV

VEHICLE HIGHLIGHTS

SAFETY

Safety performance that protects not only the driver but also family members, other passengers, and surrounding pedestrians

The next evolution of i-Activsense was developed to respect the driver's operation of the vehicle and ensure that the driver is in a state of correct perception, judgment, and operation, with the car intervening as needed when the risk of an accident is imminent. Following we are listing some of the next evolution of the i-Activsense features, and if you need further details please see the equipment walk or CX-90 owner's manual

1) Blind Spot Monitoring (BSM) with Vehicle Exit Warning^{*3}

The function of BSM (Blind Spot Monitoring) has been evolved to utilize rear side radar. When a vehicle, pedestrian, bicycle, or other object is detected approaching from behind, a lamp inside the door mirror lights up before the door is opened, and if the door is opened without noticing the approaching object, the lamp will flash and an audible warning will alert the occupants.

2) Rear Seat Alert^{*3}

Rear Seat Alert alerts the driver to avoid exiting the vehicle with children or luggage left in the rear seats. The system records the opening and closing of the rear door before starting the vehicle. If the ignition is turned off without opening the rear door when exiting the vehicle, the system alerts the driver with an in-vehicle sound and a text display on the instrument panel.

UTILITY

Perfect fit for families — functions designed for families

1) Cabin space

Aiming to create a comfortable and spacious cabin for everyone, regardless of body size, the space was expanded around the thigh area of the front seats after reviewing the leg space in the console area.

The availability of a two-seat version of the third row with a seating capacity of eight people, which was highly requested by customers, meets the needs of customers who carry a large number of passengers for family use, such as transporting their children to and from school or after-school activities, community activities, etc.

2) Cargo area space

We aimed to create a cargo space that all family members will find easy to use in a wide range of situations, from weekend shopping to outdoor leisure activities. The cargo space is designed so the floor slants five degrees when the second and third rows are folded down. Together with the flat structure of the step-free liftgate entrance, this makes it easier to load and unload long items such as furniture and surfboards. The cargo space also sits high enough to ensure that families will find it easy to use for everything, from weekend shopping to outdoor leisure activities.

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VEHICLE HIGHLIGHTS

3) High-performance i-ACTIV AWD

The CX-90 the rear-wheel drive-based electronically controlled multi-plate clutch AWD was created to achieve high traction performance and ideal handling characteristics to make it a worthy high-performance AWD system. In addition to providing dependable and safe performance in a variety of everyday situations, its natural vehicle behavior allows the driver to maneuver the vehicle as desired, even at high speeds and in high G-force ranges, thus providing a higher level of driving pleasure.

4) Mazda Intelligent Drive select (Mi-Drive)

Normal mode: pursues the best balance between fuel efficiency and driving performance while providing a comfortable ride in all aspects of daily use.

Sport mode: Sport mode maximizes the potential of the car's dynamic performance and enhances the responsiveness of the powertrain to support aggressive driving. It also leverages AWD functionality to improve maneuvering stability and provide a powerful and reassuring driving experience.

Off-road mode: When driving on dirt roads or deep snow, AWD and the Traction Control System (TCS) shift to deliver traction-oriented characteristics to better handle the challenging conditions. This mode also offers an "off-road traction assist" function to help the driver free their vehicle if it ever gets stuck. Off-road mode allows the driver to go wherever they want without worry.

Towing mode³: When a towing hitch is installed to pull a trailer, or a bike carrier is mounted, the powertrain output characteristics are optimized for the increased weight to provide a satisfying ride. In addition, the AWD is optimized for trailer towing conditions to improve straight-line stability and make long-distance driving more comfortable.

EV Mode

EV mode makes it possible to drive in situations where consideration for the environment or quietness is the priority. For example, it is useful when driving through areas where internal combustion engine vehicles are banned, or when driving in a quiet residential area. EV mode is also often well suited to many recurring instances of typical daily use, such as commuting to work, errands, etc.



FEATURE DEPLOYMENT FOR 2024 MAZDA CX-90 MHEV

Please refer to the Equipment Walk for details on features by trim level

³ Some models, see Equipment Walk pages for details

2024 MAZDA CX-90 PHEV

EXTERIOR/INTERIOR COLOUR GUIDE

DISCLAIMER

This colour guide has been added to facilitate the ordering process. Although we have made every effort to match the colour and fabric, we cannot guarantee the images below are an exact equivalent.

EXTERIOR		INTERIOR UPHOLSTERY AND COLOUR			
		GS	GS-L	GT	
Paint Finish	Code	Cloth	Leatherette	Nappa Leather	
		Black (KH1)	Black (KH1)	Black (KH3)	Pure White (KH4)
Rhodium White Metallic	51K		•	•	
Arctic White	A4D	•			
Soul Red Crystal Metallic	46V		•	•	
Artisan Red Metallic	51F			•	•
Jet Black Mica	41W	•	•	•	•
Deep Crystal Blue Mica	42M	•	•	•	•
Platinum Quartz Metallic	47S		•		
Sonic Silver Metallic	45P		•		
Machine Grey Metallic	46G	•	•	•	

PAINT FINISH

51K¹A4D³46V²51F¹41W¹42M¹

Model shown: ¹XVXTP84 AA00, ²WVXLP84 AA00, ³WVXSP84 AA00

2024 MAZDA CX-90 PHEV

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47S²



45P²



46G¹



Model shown: ¹VXTP84 AA00, ²VXLP84 AA00, ³VXSP84 AA00

WHEELS



19-inch alloy wheels
(silver metallic)

Standard on GS-L



21-inch alloy wheels (mached
spokes with polished finish and dark
painted pockets)

Standard on GT

2024 MAZDA CX-90 PHEV

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UPHOLSTERY



2024 MAZDA CX-90 PHEV

SPECIFICATIONS

ENGINE		
	GS/GS-L/GT	
Type	2.5 e-SKYACTIV PHEV, i-stop	
Valve train	DOHC 16-valve	
# of cylinders / configuration	4 / inline	
Displacement	2,488 cc	
Compression ratio	13.0 : 1	
Horsepower SAE net (system)	323 @ 6,000 rpm	
Torque SAE net lb-ft (system)	369 @ 4,000 rpm	
Horsepower SAE net (engine)	189 @ 6,000 rpm	
Torque SAE net lb-ft (engine)	192 @ 4,000 rpm	
Redline	6,500 rpm	
Fuel system	Direct injection	
Recommended fuel	Premium unleaded	
ELECTRIC SYSTEM		
	GS/GS-L/GT	
Electric motor		
Type	Permanent magnet type synchronous electric motor	
Output		
Rated Motor/Generator Power (EPA)	68 kw	
Drive motor rated power's rated RPM	4,350 rpm	
Battery		
Type	Lithium-ion battery	
Discharge capacity	50 Ah	
Weight	178 kg	
Total Voltage	355 V	
Battery capacity	17.8 kWh	
Powertrain		
Electric motor power outlet	173 hp @5,500 rpm	
Electric motor torque	199 lb-ft @400 rpm	
CHARGING COMPATIBILITY		
Home and Public charging (Level1 AC 120V and 15 Amps) ¹	6.4 Hours	Mode2 (120V×15A) - state of charge from 20% to 80%
Home and Public charging (Level 2 AC 240V and 30 Amps) ¹	1.3 Hours	Mode2 (240V×30A) - state of charge from 20% to 80%
¹ The charging time is based on a battery / ambient temperature of 20 ° C. The actual charging time depends on the various conditions at the time of charging, such as the type of fast charging station, battery status, charging habits and the battery and ambient temperature. In cold conditions, both the battery and the ambient temperature affect the required charging time, which in certain situations can lead to a significant increase in the charging time.		
CHASSIS		
Front suspension	Independent, double wishbone	
Rear suspension	Independent, Multi-Link type with coil springs and stabilizer bar	
Steering	Rack and pinion type with engine-rpm-sensing variable power assist	
Steering ratio	17.1 : 1	
Minimum turning circle	11.6 m (curb to curb diameter)	
Brakes	Anti-lock Braking System (ABS) with Electronic Brake Force Distribution (EBFD) 347 mm ventilated front discs 350 mm solid rear discs	
Curb weight (kg)	2,344	

2024 MAZDA CX-90 PHEV

SPECIFICATIONS

CAPACITIES

Seating Capacity Configuration	GS	GS-L/GT
	8	7
	2/3/3	2/2/3
Fuel tank	70 L	
Washer fluid tank	4.2 L	

EXTERNAL DIMENSIONS



Overall length: 5,120 mm (w/license plate holder)
Wheelbase: 3,120 mm

Overall height:

	1,733 w/o shark fin antenna (unladen)
w/roof rails	1,745 w/shark fin antenna (unladen)
w/o roof rails	1,740 w/shark fin antenna (unladen)

Overall width (mm) (mirror to mirror)

	1,971 (mirrors folded)
	2,157 (mirrors in driving position)

	19" wheels	21" wheels
Track (fr)	1,705 mm	1,705 mm
Track (rr)	1,708 mm	1,708 mm
Ground clearance (laden)	200 mm	203 mm
Ground clearance (unladen)	204 mm	206 mm
Approach Angle	18.8°	19.1°
Departure Angle	20.6°	20.8°
Break-over Angle	15.9°	16.2°

INTERNAL DIMENSIONS (MM)

Headroom (fr/rr1/rr2)	1,008 / 997 / 936 (w/o Panoramic roof) 1,005 / 975 / 935 (w/ Panoramic roof)
Legroom (fr/rr1/rr2)	1,058 / 1,000 / 773
Shoulder room (fr/rr1/rr2)	1,504 / 1,476 / 1,363
Hiproom (fr/rr1/rr2)	1,427 / 1,410 / 1,110
Cargo length (behind front seat)	2,438
Cargo length (behind second row seat)	1,343
Cargo length (behind third row seat)	527
Width at floor	1,265
Width between rear tire housing	1,110
Height from floor to roof	773 (w/o Panoramic roof) 765 (w/ Panoramic roof)
Liftgate opening width	1,106
Liftgate opening height	742

CARGO VOLUME

Cargo Volume (SAE)	
Behind front seat	2,101 L
Behind second row seat	1,133 L
Behind third row seat	423 L

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SPECIFICATIONS

FUEL ECONOMY RATINGS (L/100km)

	e SKYACTIV PHEV
City	TBC
Highway	TBC
Combined	TBC

ENERGY CONSUMPTION ESTIMATES RATINGS (Le/100km)

	e SKYACTIV PHEV
City	TBC
Highway	TBC
Combined	TBC

ELECTRIC DRIVING RANGE

	Range
Combined	TBC

TOWING CAPACITY

Towing capacity 1,588 Kg (3,500 lb)

2024 MAZDA CX-90 PHEV

EQUIPMENT WALK

GS

ENGINE AND MECHANICAL

e-SKYACTIV PHEV, i-stop
 2.5 L I4 Cylinder Engine
 Horsepower (system) = 323 HP
 Torque (system) = 369 lb-ft
 Recommended fuel = Premium
 8-speed automatic transmission with manual shift mode
 Paddle shifters
 Mi-Drive (Normal/Sport/Off-road /EV modes)
 i-ACTIV AWD
 Kinematic Posture Control (KPC)
 Towing capability - 1,588 kg (3,500 lb)

ELECTRIC SYSTEM

Plug-in Hybrid Sstem
 Lithium-ion battery
 Battery: 17.8 kWh
 Electric motor power output: 173 hp @ 5,500 rpm
 Electric motor torque: 199 lb-ft @ 400 rpm

CHARGING COMPATIBILITY

Home and Public charging (Level1 AC 120V and 15Amps)¹
 Mode2 (120Vx15A) - state of charge from 20% to 80%
 6.4 Hours
 Home and Public charging (Level 2 AC 240V and 30 Amp)¹
 Mode2 (240Vx30A) - state of charge from 20% to 80%
 1.3 Hours

SUSPENSION AND BRAKES

Power-assisted four-wheel disc brakes
 Anti-lock Brake System (ABS) with Electronic Brake Force Distribution (EBFD)
 Front suspension: Independent, Double wishbone
 Rear suspension: Independent, multi-link type with coil spring and stabilizer bar
 Rack-and-pinion steering with engine-speed-sensing variable power assist

TIRES AND WHEELS

19-inch alloy wheels (silver metallic)
 265/55R19 tires
 Tire Pressure Monitoring System (TPMS) - direct type
 Temporary spare tire - T155/90D18

SAFETY AND SECURITY

Front dual stage driver and front passenger airbags
 Front and rear side airbags
 Front and rear curtain airbags
 Front driver and passenger knee airbag
 Passenger airbag deactivation system (auto switch)
 Blind Spot Monitoring (BSM)
 Rear Cross Traffic Alert (RCTA)
 Driver Attention Alert (DAA)
 Distance & Speed Alert (DSA)
 Mazda Radar Cruise Control (MRCC with Stop&Go function)
 Pedestrian Detection (front)
 Dynamic Stability Control (DSC)
 Traction Control System (TCS)
 Trailer Stability Control (TSC)
 Hill Descent Control
 Hill Launch Assist (HLA)
 Lane Keep-assist System (LAS)
 Lane Departure Warning System (LDWS)
 Emergency Lane Keeping w/Road Keep Assist
 Rearview camera (w/ static guide lines)
 Smart Brake Support Front (SBS-F)
 High Beam Control system (HBC)

¹The charging time is based on a battery / ambient temperature of 20 °C. The actual charging time depends on the various conditions at the time of charging, such as the type of fast charging station, battery status, charging habits and the battery and ambient temperature. In cold conditions, both the battery and the ambient temperature affect the required charging time, which in certain situations can lead to a significant increase in the charging time.



VXSP84 AA00 Model shown

SAFETY AND SECURITY (con't)

Front seat belt ELR pretensioners
 Child-safety rear door locks
 Integrated rear seat child safety seat lower anchors & upper tethers
 3-point safety belts for all occupants
 Height adjustable front and rear seat head restraints
 Height adjustable front seat belts
 Front active head restraints
 Engine immobilizer theft deterrent system

EXTERIOR

LED headlights w/auto-levelling
 LED daytime running lights
 LED rear combination tail lights
 Automatic headlights - on/off
 Body-coloured door handles
 Body coloured rear roof spoiler
 High mount stop light
 Manual foldable door mirrors
 Power, heated, body-coloured exterior mirrors with integrated side turn signal indicators
 Exterior B and C pillar garnish in black
 Black honeycomb front grille inserts
 Front Signature Wing in Chrome finish
 Adjustable intermittent rain sensing wipers
 Intermittent rear wipers
 Rear window defroster
 Privacy glass on rear door glass, quarter glass and rear gate glass
 Noise-isolating windshield
 Noise-isolating glass (driver and front passenger windows)
 Green tint glass with UV shield
 AWD badge on liftgate
 Chrome PHEV side badge
 Wheel arch and rocker trim in black
 Front and rear lower bumper in black

INTERIOR: AUDIO & CONNECTIVITY


10.25" full colour centre display
 Mazda Connect Infotainment system
 Mazda Connected Vehicle Services available. Mazda Connected Vehicle Service is available for a 2 year trial period from your vehicle's in-service date; a paid subscription is required upon expiry of the trial period. Requires MyMazda App (on a compatible smartphone), a working vehicle electrical system (including battery), wireless coverage and GPS satellite signal. Services, connectivity and capabilities vary by conditions as well as geographical and technical restrictions. See mazda.ca for details. Services may include:
 Remote Services [remote engine start/stop, remote lock/unlock, remote hazard lights; Vehicle Status [vehicle status alert]; Navigation Services [vehicle finder, send to car¹]; Vehicle Connected Services [vehicle health report, online update, push notifications, malfunction notification]; Mazda Road Side Assistance; Geofence [Driver alert/Parental control/Geofence]; Last kilometer navigation; Smart watch integration; Climate control; Ext. Mirror Heater.

¹To use the navigation system, the SD card containing the map information needs to be inserted in the SD card slot.

2024 MAZDA CX-90 PHEV

EQUIPMENT WALK

GS (Continued)	
INTERIOR: AUDIO & CONNECTIVITY (con't) Mazda Harmonic Acoustics with 8-speakers AM/FM radio Wired Apple CarPlay™ integration Wired Android Auto™ integration Bluetooth® hands-free phone and audio capability Steering wheel mounted audio, phone and cruise controls 2 front USB ports Type-A Navigation-ready (requires navigation SD card accessory) SMS text message functionality	INTERIOR: SEAT & INTERIOR TRIM High grade cloth upholstery Urethane steering wheel Urethane shift knob Heated front seats (three position adjustable) Manual 6-way adjustable driver's seat Manual 4-way adjustable passenger seat Folding 60/40 second row rear seat Reclining and sliding second row seats Custom-fitted floor mats with vehicle nameplate embroidery Door handles (front and rear) - Silver finish Passenger single seatback pockets Painted dash strip trim (Silver) Dashboard mid-panel in Black Centre console panel in Black Side Louver Bezel in silver finish 8-seat capacity
INTERIOR: COMFORT & CONVENIENCE 3-zone automatic climate control Rear A/C display 3rd row air vents Rear heater ducts Push Button Start Electronic Parking Brake (EPB) with Autohold function Manual Tilt and telescopic steering wheel Power windows one-touch up and down (front and rear) Keyless entry Day / night rearview mirror Power door locks (speed sensing) Driver's and passenger's sunvisors with covered vanity mirrors and extension Rear center armrest Illuminated entry system Room lamp Cargo area light Internal hood release 12-volt power outlets (front and rear) 2 rear charging USB ports (Type-A) (second row)	STORAGE Front center console with armrest and storage 2 Cup holders in 1st row centre console 2 Cup holders in 2nd row centre console 4 Cup holders in 3rd row (2 in each quarter trim panel)
	INSTRUMENTATION Tachometer Engine Coolant Temperature Gauge Fuel Gauge Meter-set with 12.3" LCD display Indicates: Speedometer, Odometer, Trip meter, Outside Temperature, Maximum driving distance, Average fuel economy, Current fuel economy, Deceleration regeneration charge display, i-Activsense display, Compass display, Door-ajar / Liftgate-ajar / hood-ajar warning indication, Message display

GS-L	
Includes the following features in addition to or in place of CX-90 PHEV GS:	
ENGINE AND MECHANICAL Mi-Drive (Normal/Sport/Off-road/ EV/ Towing modes)	
EXTERIOR Power-sliding panoramic moonroof with one-touch open/close Power rear liftgate (programable height adjustable) with hands free access Rear parking sensors Roof rails in Satin Chrome Exterior B and C pillar garnish in glossy black Front wiper de-icer Piano Black front grille inserts	
INTERIOR: AUDIO & CONNECTIVITY 2 front USB ports Type-C AM/FM/HD radio Wireless phone charger (Qi)	INTERIOR: SEAT & INTERIOR TRIM 7-seat capacity Second row Captain's chairs Leatherette upholstery 10-way power driver's seat (includes power driver's lumbar support) Power 4-way passenger seat Heated steering wheel Leather-wrapped steering wheel and shift knob Lined glove box Front door courtesy lamp Lower steering wheel spokes in bright finish Dash strip trim in silver finish Door handles (front and rear) - Bright finish
INTERIOR: COMFORT & CONVENIENCE Rear center armrest with integrated storage Automatic dimming rearview mirror Driver's and passenger's sunvisors with illuminated covered vanity mirrors and extensions Advanced keyless entry (proximity and ignition) Push Button Start (satin chrome ring detail) 2 rear charging USB ports (Type-C) (second row) 2 rear charging USB ports (Type-C) (third row) Front door courtesy lamp	STORAGE Overhead console with sunglass holder
SAFETY AND SECURITY Rear seat alert	

VXLP84 AA00 Model shown

2024 MAZDA CX-90 PHEV

EQUIPMENT WALK

GT

Includes the following features in addition to or in place of CX-90 PHEV GS-L:

SAFETY AND SECURITY

360° View Monitor
 Front and rear parking sensors
 Windshield-projected colour Active Driving Display (Large view)
 Traffic Sign Recognition System (TSR)
 Adaptive Front-lighting System (AFS)
 Smart Brake Support Rear (SBS-R)
 Smart Brake Support Rear Crossing (SBS-RC)
 Front Cross Traffic Alert (FCTA)
 Blind Spot Monitoring (BSM) with Vehicle Exit Warning
 Driver Monitoring (DM)
 Rearview camera (w/dynamic guide lines)

TIRES AND WHEELS

21" alloy wheels (machined spokes with polished finish and dark painted pockets)
 275/45R21 tires

EXTERIOR

LED front signature lighting
 Front and rear lower bumper in Black with Silver accents
 Rocker panel accent trim in bright finish with debossed Mazda wordmark
 Front and rear door garnish moulding in bright finish
 Power folding exterior mirrors (automatic operation)
 Auto dimming exterior mirror (Driver side only)
 Shark fin antenna

INTERIOR: AUDIO & CONNECTIVITY

Bose® premium sound system with AM/FM/HD Radio
 12-Bose® speakers with Centerpoint® 2 Surround Technology and AudioPilot® 2
 Noise Compensation Technology
 Navigation system
 SiriusXM™ Satellite Radio (includes complimentary 3-month trial subscription)
 SiriusXM Traffic Plus and Travel Link® services (includes complimentary 5-year subscription) (Current information for; Traffic, weather, sport scores and fuel prices)



VXTP84 AA00 Model shown

INTERIOR: AUDIO & CONNECTIVITY (con't)

Wireless Apple CarPlay™ integration
 Wireless Android Auto™ integration

INTERIOR: COMFORT & CONVENIENCE

HomeLink® wireless control system
 Rear door sunshades (retractable)
 Power outlet socket (low AC power / 1500W)
 Illuminated glove box
 Front and rear door courtesy lamp
 Rear console w/ light
 Foot LED lamps (Driver and Passenger)

INTERIOR: SEAT & INTERIOR TRIM

Black Nappa leather upholstery
 Power 8-way passenger seat (includes power passenger's lumbar support)
 Driver's seat memory function (2 memory settings)
 Exterior mirrors linked with memory seat function
 Ventilated front seats (three position adjustable)
 Heated second row seats (outboard seats only / three position adjustable)
 Dashboard mid-Panel in Black with contrast piping and stitching
 Centre console panel in Geomesh
 Centre console cup holders with retractable cover
 Upper door panel trimmed in Geomesh with Silver accent
 Door handles in bright finish (front and rear)
 Satin chrome plated glove box lever

GT OPTION**Pure White Nappa Leather upholstery**

Pure White Nappa leather upholstery	Dashboard mid-Panel in Pure White Leather with stitching and contrast piping
Upper door panel trimmed in Light Arbor with Silver accent	Centre console armrest in Pure White
Centre console in Light Arbor	Oyster interior roof lining, A and D pillars



Product changes and options availability: Following publication of this guide, certain changes in equipment, options, specifications, prices and other information may have occurred which would not be reflected in these pages. All information included in this guide is based upon the available information at the time of publication. Although such information is believed to be correct at the time of publication, accuracy cannot be guaranteed. Mazda reserves the right, at any time without providing any further notice or incurring any obligations, to correct any errors, inaccuracies or omissions that may exist in this guide, as well as to make changes to any of the information included in this guide.