



2025 MAZDA CX-90 MILD HYBRID INLINE 6 TURBO  
SPECIFICATIONS & FEATURES



**2025 MAZDA CX-90 MILD HYBRID INLINE 6 TURBO**

**MODEL LINE-UP**

<b>TRIM</b>	<b>TRANSMISSION</b>	<b>DRIVE</b>	<b>ENGINE</b>	<b>ELECTRIFICATION SYSTEM</b>	<b>DESCRIPTION</b>
<b>GS</b>	8-speed automatic transmission	AWD	3.3 e-Skyactiv G	M Hybrid Boost	
<b>GS-L</b>	8-speed automatic transmission 8-speed automatic transmission	AWD AWD	3.3 e-Skyactiv G 3.3 e-Skyactiv G	M Hybrid Boost M Hybrid Boost	Captain's Chairs
<b>GT</b>	8-speed automatic transmission 8-speed automatic transmission	AWD AWD	3.3 e-Skyactiv G 3.3 e-Skyactiv G	M Hybrid Boost M Hybrid Boost	Captain's Chairs
<b>GT-P</b>	8-speed automatic transmission 8-speed automatic transmission	AWD AWD	3.3 e-Skyactiv G 3.3 e-Skyactiv G	M Hybrid Boost M Hybrid Boost	Captain's Chairs
<b>SIGNATURE</b>	8-speed automatic transmission	AWD	3.3 e-Skyactiv G	M Hybrid Boost	

M Hybrid Boost – 48 V mild hybrid system

**OPTIONS**

**AVAILABLE ON**

Captain's Chairs Package (7-seat capacity)	GS-L/GT/GT-P
Rhodium White Metallic	GS-L/GT/GT-P/Signature
Machine Grey Metallic	All models
Artisan Red Metallic	GT-P/Signature
Soul Red Crystal Metallic	GS-L/GT
Pure White Nappa Leather interior (available with select exterior colours only)	GT-P
Premium Windsor Tan Nappa Leather interior (available with select exterior colours only)	Signature

## ENGINE

	GS/GS-L/GT	GT-P/SIGNATURE
<b>Type</b>	Standard 3.3 e-Skyactiv G with M Hybrid Boost, i-Stop	High Output 3.3 e-Skyactiv G with M Hybrid Boost, i-Stop
<b>Valve train</b>	DOHC 24-valve	DOHC 24-valve
<b># of cylinders/configuration</b>	6/Inline	6/Inline
<b>Displacement</b>	3,283 cc	3,283 cc
<b>Compression ratio</b>	12.0:1	12.0:1
<b>Horsepower SAE net</b>	280 @ 5,000–6,000 rpm	340 @ 5,000–6,000 rpm
<b>Torque SAE net lb-ft</b>	332 @ 2,000–3,500 rpm	369 @ 2,000–4,500 rpm
<b>Redline</b>	6,500 rpm	6,500 rpm
<b>Fuel system</b>	Direct injection	Direct injection
<b>Recommended fuel</b>	Regular unleaded	Premium unleaded

## ELECTRIC SYSTEM

GS/GS-L/GT/GT-P/SIGNATURE		
M Hybrid Boost (48-volt Mild Hybrid to support engine operation, assists in improving fuel economy and reducing emissions)		
<b>Electric motor</b>		
<b>Output</b>	<b>Rated Motor/Generator Power (EPA)</b> <b>Drive motor rated power's rated RPM</b>	11 kW 1,450 rpm
<b>Battery<sup>1</sup></b>	<b>Type</b> <b>Discharge capacity</b> <b>Weight</b> <b>Total voltage</b> <b>Battery capacity</b>	Lithium-ion battery 7.5 Ah 15 kg 44.4 V 0.33 kWh
<b>Powertrain</b>	<b>Electric motor power outlet</b> <b>Electric motor torque</b>	16.9 hp @ 900 rpm 113 lb-ft @ 200 rpm

<sup>1</sup> In cold weather temperature, the engine may start and use fuel, even with a fully charged battery. The use of the engine is required to ensure proper heating of the passenger cabin. Make sure there is fuel in the tank.

**CHASSIS**

<b>Front suspension</b>	Independent, double wishbone		
<b>Rear suspension</b>	Independent, multi-link with coil springs and stabilizer bar		
<b>Steering</b>	Rack-and-pinion with engine-rpm-sensing variable power assist		
<b>Steering ratio</b>	17.1:1		
<b>Minimum turning circle</b>	11.6 m (curb-to-curb diameter)		
<b>Brakes</b>	<b>Without Panoramic Roof</b>	<b>With Panoramic Roof</b>	
	Anti-lock Brake System (ABS) with Electronic Brake Force Distribution (EBFD)		
	328 mm ventilated front discs	347 mm ventilated front discs	
	350 mm solid rear discs		
<b>Curb weight (kg)</b>	<b>GS/GS-L/GT</b> 2,171	<b>GT-P/Signature</b> 2,214	

**CAPACITIES**

<b>Seating</b>	<b>GS</b>	<b>GS-L/GT/GT-P</b>	<b>SIGNATURE</b>
<b>Capacity</b>	8	8/7 (optional <sup>1</sup> )	6
<b>Configuration</b>	2/3/3	2/3/3 2/2/3 (optional <sup>1</sup> )	2/2/2
<b>Fuel tank</b>	<b>GS/GS-L/GT</b> 70 L	<b>GT-P/Signature</b> 74 L	
<b>Washer fluid tank</b>	4.2 L	4.2 L	

<sup>1</sup>With Captain's Chairs.

## EXTERNAL DIMENSIONS

<b>Overall height (mm)</b>	with roof rails	1,733 without shark fin antenna (unladen) 1,745 with shark fin antenna (unladen)
<b>Overall width (mm) (mirror to mirror)</b>		2,157 (mirrors in driving position)
<b>Overall length</b>		5,100 (without licence plate holder)
<b>Wheelbase</b>		3,120 mm

	<b>19-inch wheels</b>	<b>21-inch wheels</b>
<b>Track (fr)</b>	1,705 mm	1,705 mm
<b>Track (rr)</b>	1,708 mm	1,708 mm
<b>Ground clearance (unladen)</b>	204 mm	206 mm
<b>Approach Angle</b>	18.8°	19.1°
<b>Departure Angle</b>	20.6°	20.8°
<b>Break-over Angle</b>	15.9°	16.2°

## INTERNAL DIMENSIONS (MM)

Headroom (fr/rr1/rr2)	1,008/997/936 (standard roof) / 996/981/936 (moonroof)/ 1,005/978/935 (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 (without panoramic roof) / 765 (with panoramic roof)
Liftgate opening width	1,106
Liftgate opening height	742

## CARGO VOLUME

Cargo volume (SAE)	8- & 7-seat capacity	6-seat capacity
Behind front seat	2,101 L	2,129 L
Behind second-row seat	1,133 L	1,155 L
Behind third-row seat	423 L	451 L

## FUEL ECONOMY RATINGS (L/100 KM)

	3.3 e-Skyactiv G Standard	3.3 e-Skyactiv G High Output
City	9.9	10.3
Highway	8.4	8.5
Combined	9.3	9.5

## TOWING CAPACITY

Towing capacity	GS	GS-L/GT/GT-P/Signature
	1,588 kg (3,500 lb)	2,268 kg (5,000 lb)

## GS

## ENGINE AND MECHANICAL

Standard: 3.3 e-Skyactiv G Inline 6 Turbocharged Engine, i-Stop

Horsepower: 280 hp

Torque: 332 lb-ft

Recommended fuel: Regular

8-speed automatic transmission

Mi-Drive (Normal/Sport/Off-road modes)

i-Activ AWD

Kinematic Posture Control (KPC)

Towing capability: 1,588 kg (3,500 lb)

## ELECTRIC SYSTEM

M Hybrid Boost (48-volt Mild Hybrid system)

Lithium-ion battery<sup>1</sup>

Battery: 0.33 kWh<sup>1</sup>

Electric motor power output: 16.9 hp @ 900 rpm

Electric motor torque: 113 lb-ft @ 200 rpm

## 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 with coil springs and stabilizer bar

Rack-and-pinion steering with engine-rpm-sensing variable power assist

## TIRES AND WHEELS

19-inch alloy wheels (silver metallic) with 265/55R19 all-season tires

Tire Pressure Monitoring System (TPMS) – direct type

Temporary spare tire – T155/90D18

## SAFETY AND SECURITY

Front dual stage driver's and front passenger's airbags

Front and rear side airbags

Front and rear curtain airbags

Front driver's and passenger's 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 with Stop & Go function (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 with Road Keep Assist

Rearview camera (with static guidelines)

Smart Brake Support Front (SBS-F)

High Beam Control system (HBC)

Front and rear second-row (outboard seats only) seat belt pretensioners with force limiters

Child-safety rear door locks

LATCH 2nd row and 3rd row seat child safety lower anchors & upper tethers (3)

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 with automatic levelling

LED daytime running lights

LED rear combination taillights

Automatic on/off headlights

Body-coloured door handles

Body-coloured rear roof spoiler

High-mount stop light

Manually 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

Intermittent rain-sensing windshield 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's and front passenger's windows)

Green tint glass with UV shield

AWD badge on liftgate

Black Inline 6 side signature badge

Wheel arch and rocker trim in black

Front and rear lower bumper in black

Roof rails in satin chrome

## INTERIOR: AUDIO &amp; CONNECTIVITY

10.25-inch full-colour centre display

Mazda Connect Infotainment system

Mazda Connected Vehicle Services<sup>2</sup>

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 Type-C USB ports

Navigation-ready (requires navigation SD card accessory)<sup>3</sup>

SMS text message functionality

## INTERIOR: COMFORT &amp; CONVENIENCE

3-zone automatic climate control

Rear A/C display

3rd row air conditioning vents

Rear heater ducts

Push Button Start

Electronic Parking Brake (EPB) with auto-hold function

Manual tilt and telescopic steering wheel

Power windows with one-touch up and down (front and rear)

Illuminated window switches

Keyless entry (vehicle access and lock via key fob buttons)

Day/night rearview mirror

Speed-sensing power door locks

Driver's and passenger's sunvisors with covered vanity mirrors and extension

Rear centre armrest

Illuminated entry system

Room lamp

Cargo area light

Internal hood release

12-volt power outlets (front and rear)

2 rear charging Type-A USB ports (second row)

<sup>1</sup> In cold weather temperature, the engine may start and use fuel, even with a fully charged battery. The use of the engine is required to ensure proper heating of the passenger cabin. Make sure there is fuel in the tank.

<sup>2</sup> 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](https://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 car<sup>3</sup>]; 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; Smartwatch integration.

<sup>3</sup> To use the navigation system, the SD card containing the map information needs to be inserted in the SD card slot.



**GS (CONTINUED)**

**INTERIOR: SEAT & INTERIOR TRIM**

Premium cloth upholstery  
 Urethane steering wheel  
 Urethane shift knob  
 Heated front seats (three settings)  
 6-way manually adjustable driver's seat  
 4-way manually adjustable front passenger's seat  
 60/40-split folding 2nd row seatback  
 Reclining and sliding second-row seats  
 Custom CX-90 embroidered floor mats  
 Silver finish inner door handles (front and rear)  
 Passenger's side single seatback pockets  
 Silver finish dash strip trim  
 Dashboard mid-panel in black  
 Centre console panel in black  
 Silver finish side louvre bezel  
 Second-row bench seats  
 8-seat capacity

**STORAGE**

Front centre console with armrest and storage  
 2 cupholders in 1st row centre console  
 2 cupholders in 2nd row centre console  
 4 cupholders in 3rd row (2 in each quarter trim panel)

**INSTRUMENTATION**

Tachometer  
 Engine coolant temperature gauge  
 Fuel gauge  
 Meter set with 7-inch LCD display  
 Meters indicate: 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 GS:

**ENGINE AND MECHANICAL**

Paddle shifters  
 Towing capacity: 2,268 kg (5,000 lb)  
 Mi-Drive (Normal/Sport/Off-road/Towing modes)

**EXTERIOR**

Hands-free, height-adjustable power rear liftgate  
 Exterior B and C pillar garnish in gloss black  
 Front wiper de-icer  
 Piano black front grille inserts

**INTERIOR: AUDIO & CONNECTIVITY**

AM/FM/HD radio  
 Wireless Apple CarPlay™ integration  
 Wireless Android Auto™ integration  
 Wireless phone charger (Qi)

**INTERIOR: COMFORT & CONVENIENCE**

Rear centre armrest with integrated storage  
 Power sliding standard moonroof with one-touch open and close  
 Auto-dimming rearview mirror  
 Driver's and passenger's sunvisors with illuminated covered vanity mirrors and extensions  
 Advanced keyless entry (vehicle access and lock via key fob proximity)  
 Satin chrome ring detail on Push Button Start  
 2 rear charging Type-C USB ports (second row)  
 2 rear charging Type-C USB ports (third row)

Front door courtesy lamp

**INTERIOR: SEAT & INTERIOR TRIM**

Leatherette-trimmed upholstery  
 Second-row bench seats  
 10-way power driver's seat (includes power lumbar support)  
 4-way power front passenger's seat  
 Heated steering wheel  
 Leather-wrapped steering wheel and shift knob  
 Lined glove box  
 Front door courtesy lamp  
 One-touch switch for power-operated 3rd row ingress/egress  
 Lower steering wheel spokes in bright finish  
 Bright finish inner door handles (front and rear)  
 8-seat capacity (seating configuration 2-3-3)

**STORAGE**

Overhead console with sunglasses holder

**SAFETY AND SECURITY**

Rear parking sensors

**GS-L OPTIONS**

**CAPTAIN'S CHAIRS PACKAGE<sup>1</sup>**

Second-row Captain's Chairs  
 7-seat capacity

<sup>1</sup>Deletes one-touch switch for power-operated 3rd row ingress/egress.

**GT** Includes the following features in addition to or in place of 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 (with dynamic guidelines)
- Cruise & Traffic Support (CTS)

**TIRES AND WHEELS**

- 21-inch alloy wheels (silver metallic)
- 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's side only)
- Shark fin antenna

**INTERIOR: AUDIO & CONNECTIVITY**

- 12.3-inch full colour centre display with Mazda Connect Infotainment system
- Touchscreen centre display for Apple Car Play™/Android Auto™
- Bose premium sound system with AM/FM/HD radio
- 12 Bose speakers with Centerpoint 2 Surround Technology and AudioPilot 2 Noise Compensation Technology
- SiriusXM® Satellite Radio (includes complimentary 3-month subscription)
- SiriusXM Traffic Plus and Travel Link® services (includes complimentary 5-year subscription) (Current information for: Traffic, weather, sport scores and fuel prices)
- Wireless Apple CarPlay™ integration
- Wireless Android Auto™ integration
- Navigation system

**INTERIOR: COMFORT & CONVENIENCE**

- HomeLink® wireless control system
- Power sliding panoramic moonroof with one-touch open and close
- Rear door sunshades (retractable)
- Illuminated glove box
- Front and rear door courtesy lamp
- Front centre console with internal light
- LED driver's and passenger's foot lamps

**INTERIOR: SEAT & INTERIOR TRIM**

- Black leather-trimmed upholstery
- Second-row bench seats
- Driver's seat memory position (2 memory settings)
- Dashboard mid-panel in black with contrast piping and stitching
- Centre console panel in Geomesh
- Centre console cup holders with retractable cover
- Satin chrome-plated glove box lever
- Push Button Start surround in bright finish
- Upper door panel trimmed in Geomesh with silver accent
- Door handles in bright finish (front and rear)
- 8-seat capacity (seating configuration 2-3-3)

**GT OPTION**

**CAPTAIN'S CHAIRS PACKAGE<sup>1</sup>**

- Second-row Captain's Chairs
- 7-seat capacity
- Heated 2nd row seats (outboard only; three settings)

<sup>1</sup>Deletes one touch switch for power-operated 3rd-row ingress/egress. Deletes Driver's seat memory function (2 memory settings).

**GT-P** Includes the following features in addition to or in place of GT:

#### ENGINE AND MECHANICAL

High Output 3.3 e-Skyactiv G Inline 6 Turbocharged Engine, i-Stop  
Horsepower: 340 hp  
Torque: 369 lb-ft  
Recommended fuel: Premium

#### SAFETY AND SECURITY

Emergency Lane Keeping with Blind Spot Assist

#### EXTERIOR

Inline 6 side signature badge in bright finish

#### INTERIOR: SEAT & INTERIOR TRIM

Black Nappa leather-trimmed upholstery  
Second-row bench seats  
8-way power front passenger's seat  
Driver's seat memory position (2 memory settings)  
Exterior mirrors linked with memory seat function  
Ventilated front seats (three settings)  
Black interior roof liner, A and D pillars  
Dashboard mid-panel in black with contrast piping and stitching  
8-seat capacity (2-3-3 configuration)

#### INTERIOR: COMFORT & CONVENIENCE

Auto-dimming frameless rearview mirror with HomeLink® wireless control system

#### GT-P OPTION

#### PURE WHITE NAPPA LEATHER UPHOLSTERY

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

#### CAPTAIN'S CHAIRS PACKAGE<sup>1</sup>

Second-row Captain's Chairs  
7-seat capacity

**SIGNATURE** Includes the following features in addition to or in place of GT-P:

#### TIRES AND WHEELS

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

#### SAFETY AND SECURITY

Emergency Lane Keeping with head-on traffic avoidance assist  
Pedestrian Detection (rear)  
360° View Monitor with See-Through View  
Smart Brake Support Front Crossing (SBS-FC)  
Turning Across Path (TAP)  
Secondary Collision Reduction

#### EXTERIOR

Body-coloured wheel arch trim  
Body-coloured rocker panel accent trim with bright finish and debossed Mazda wordmark  
Front and rear body-coloured lower bumper side with silver accents

#### INTERIOR: SEAT & INTERIOR TRIM

Premium Pure White Nappa leather-trimmed upholstery  
Upper door panel trimmed in Maple Wood and bright accent with striped texture  
Centre console panel in Maple Wood  
Centre console armrest in Pure White  
Dashboard mid-panel in light cloth with Kakenui stitching detail  
Light cloth side door trim  
Dash strip trim in bright finish  
Oyster interior roof lining, A and D pillars  
Steering wheel with contrast stitching  
Second-row Captain's Chairs with premium centre console armrest with storage compartment

#### INTERIOR: SEAT & INTERIOR TRIM (CONTINUED)

Second-row Captain's Chairs with premium centre console armrest with storage compartment  
6-seat capacity (2-2-2 configuration)  
Ventilated second-row captain's seats  
Bright finish side louver bezel

#### INTERIOR: COMFORT & CONVENIENCE

Power outlet socket (low AC power/150 W)  
Driver Personalization System, consisting of:  
– User-enabled driving position guidance  
– Entry/Exit Assist  
– User-enabled setting recovery (with facial recognition)  
Power tilt and telescopic steering wheel

#### INSTRUMENTATION

Meter set with 12.3-inch LCD display

#### SIGNATURE OPTION

#### PREMIUM WINDSOR TAN NAPPA LEATHER UPHOLSTERY

Premium Windsor Tan Nappa leather-trimmed upholstery  
Quilting detail on first and second row seats  
Black interior roof lining, A and D pillars  
Windsor Tan Grand Lux Suede® side door trim  
Dashboard mid-panel in Windsor Tan Grand Lux Suede® with stitching and contrast piping  
Upper door panel trimmed in Dark Arbor with accent in gunmetal finish  
Centre console panel in Dark Arbor  
Centre console armrest in black with contrast stitching  
Dash strip trim in gunmetal finish  
Two-tone steering wheel in black and Windsor Tan  
Gunmetal finish side louver bezel

<sup>1</sup>Deletes one touch switch for power-operated 3rd-row ingress/egress.

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