



2024 MAZDA CX-90 MILD HYBRID INLINE 6 TURBO SPECIFICATIONS & FEATURES MODEL LINE-UP

TRIM	TRANSMISSION	DRIVE	ENGINE	ELECTRIFICATION System	DESCRIPTION
GS*	8-speed automatic transmission	AWD	3.3 e-Skyactiv G	M Hybrid Boost	
GS-L	8-speed automatic transmission 8-speed automatic transmission 8-speed automatic transmission	AWD AWD AWD	3.3 e-Skyactiv G 3.3 e-Skyactiv G 3.3 e-Skyactiv G	M Hybrid Boost M Hybrid Boost M Hybrid Boost	Captain's Chairs Enhanced Package
GT	8-speed automatic transmission	AWD	3.3 e-Skyactiv G	M Hybrid Boost	
GT-P	8-speed automatic transmission	AWD	3.3 e-Skyactiv G	M Hybrid Boost	
SIGNATURE	8-speed automatic transmission	AWD	3.3 e-Skyactiv G	M Hybrid Boost	

M Hybrid Boost – 48 V mild hybrid system

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

OPTIONS	AVAILABLE ON
Captain's Chairs Package (7-seat capacity)	GS-L
Enhanced Package (requires Captain's Chairs)	GS-L
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
Greige Leather interior (available with select exterior colours only)	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

ENHANCED PACKAGE

Power sliding panoramic moonroof with one-touch open/close, hands-free, height-adjustable power rear liftgate, roof rails, wireless phone charger (Qi), 5,000 lb towing capacity, Mi-Drive with towing mode.

ENGINE

	GS/GS-L/GT	GT-P/SIGNATURE
Туре	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
Valve train	DOHC 24-valve	DOHC 24-valve
# of cylinders/configuration	6/Inline	6/Inline
Displacement	3,283 cc	3,283 cc
Compression ratio	12.0:1	12.0:1
Horsepower SAE net	280 @ 5,000-6,000 rpm	340 @ 5,000-6,000 rpm
Torque SAE net lb-ft	332 @ 2,000-3,500 rpm	369 @ 2,000-4,500 rpm
Redline	6,500 rpm	6,500 rpm
Fuel system	Direct injection	Direct injection
Recommended fuel	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)			
Electric motor				
Output	Rated Motor/Generator Power (EPA) Drive motor rated power's rated RPM	11 kW 1,450 rpm		
Battery ¹	Type Discharge capacity Weight Total voltage Battery capacity	Lithium-ion battery 7.5 Ah 15 kg 44.4 V 0.33 kWh		
Powertrain	Electric motor power outlet Electric motor torque	16.9 hp @ 900 rpm 113 lb-ft @ 200 rpm		

¹ 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.

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SPECIFICATIONS

CHASSIS

Front suspension	Independent, double wishbone		
Rear suspension	Independent, multi-link with coil springs and stabilizer bar		
Steering	Rack-and-pinion with engine-rpm-sensing variable power assist		
Steering ratio	17.1:1		
Minimum turning circle	11.6 m (curb-to-curb diameter)		
	Without Panoramic Roof	With Panoramic Roof	
	Without Panoramic Roof Anti-lock Brake System (ABS) with Electronic Brake Force E		
Brakes			
Brakes	Anti-lock Brake System (ABS) with Electronic Brake Force E	Distribution (EBFD)	

CAPACITIES

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

¹With Captain's Chairs.

EXTERNAL DIMENSIONS

Overall height (mm)	with roof rails without roof rails	1,733 without shark fin antenna (unladen) 1,745 with shark fin antenna (unladen) 1,740 with shark fin antenna (unladen)
Overall width (mm) (mirror to mirror)		1,971 (mirrors folded) 2,157 (mirrors in driving position)
Overall length		5,120 mm (with licence plate holder)
Wheelbase		3,120 mm

	18-inch wheels	19-inch wheels	21-inch wheels
Track (fr)	1,703 mm	1,705 mm	1,705 mm
Track (rr)	1,705 mm	1,708 mm	1,708 mm
Ground clearance (laden)	197 mm	200 mm	203 mm
Ground clearance (unladen)	201 mm	204 mm	206 mm
Approach Angle	18.5°	18.8°	19.1°
Departure Angle	20.5°	20.6°	20.8°
Break-over Angle	15.8°	15.9°	16.2°

SPECIFICATIONS

INTERNAL DIMENSIONS (MM)

Headroom (fr/rr1/rr2)	1,008/997/936 (without panoramic roof) / 1,005/975/935 (with 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

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SPECIFICATIONS

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

² Requires Enhanced Package.

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 battery¹ Battery: 0.33 kWh¹ 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

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

TIRES AND WHEELS

18-inch alloy wheels (dark grey, high lustre metallic) 255/60R18 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 guide lines) Smart Brake Support Front (SBS-F) Child-safety rear door locks & upper tethers

Kearview camera (with static guide lines)Green tint glass with UV shieldSmart Brake Support Front (SBS-F)AWD badge on liftgateHigh Beam Control system (HBC)Black Inline 6 side signature badgeFront and rear second-row (outboard seats only)Black Inline 6 side signature badgeSeat belt pretensioners with force limitersWheel arch and rocker trim in blackChild-safety rear door locksFront and rear lower bumper in blackIntegrated rear seat child safety seat lower anchorsFront and rear lower bumper in black3-point safety belts for all occupantsHeight-adjustable front and rear seat head restraintsHeight-adjustable front seat beltsFront active head restraintsFront active head restraintsEngine immobilizer theft-deterrent system

EXTERIOR

Automatic-levelling LED headlights 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

INTERIOR: AUDIO & CONNECTIVITY

10.25-inch full-colour centre display Mazda Connect Infotainment system Mazda Connected Vehicle Services² 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-A USB ports Navigation-ready (requires navigation SD card accessory)³ SMS text message functionality

INTERIOR: COMFORT & 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)

¹ 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. ² 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 satelitte signal. Services, connectivity and capabilities vary by conditions as well as geographical dechnical restrictions. See <u>mazda.ca</u> 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 car³]; Vehicle Connected Services [vehicle health report, online update, push notification]; Mazda Road Side Assistance; Geofence (Driver alert/Parental control/Geofence); Last kilometer navigation.

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

2024 MAZDA CX-90 MILD HYBRID INLINE 6 TURBO

EQUIPMENT WALK

GS (CONTINUED)

INTERIOR: SEAT & INTERIOR TRIM

GS-L Includes the following features in addition to or in place of CX-90 Mild Hybrid Inline 6 Turbo GS:

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 8-seat capacity

STORAGE

Front centre 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 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

ENGINE AND MECHANICAL	INTERIOR: SEAT & INTERIOR TRIM	
Paddle shifters	Leatherette-trimmed upholstery 10-way power driver's seat	
TIRES AND WHEELS	(includes power lumbar support)	
19-inch alloy wheels (silver metallic)	4-way power front passenger's seat	
	Heated steering wheel	
265/55R19 tires	Leather-wrapped steering wheel and shift knob Lined glove box	
EXTERIOR	Front door courtesy lamp	
Height-adjustable power rear liftgate	One-touch switch for power-operated	
Exterior B and C pillar garnish in gloss black	3rd row ingress/egress	
Front wiper de-icer	Lower steering wheel spokes in bright finish	
Piano black front grille inserts	Bright finish inner door handles (front and rear)	
INTERIOR: AUDIO & CONNECTIVITY	STORAGE	

2 front Type-C USB ports AM/FM/HD radio

INTERIOR: COMFORT & CONVENIENCE

Rear centre armrest with integrated storage 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

Overhead console with sunglasses holder

GS-L OPTIONS

APTAIN'S CHAIRS PACKAGE¹

econd-row Captain's Chairs -seat capacity

NHANCED PACKAGE REQUIRES CAPTAIN'S CHAIRS)

ower sliding panoramic moonroof with ne-touch open and close ands-free, height-adjustable power rear liftgate ear parking sensors Vireless phone charger (Qi) oof rails in satin chrome owing capacity: 2,268 kg (5,000 lb) 1i-Drive (Normal/Sport/Off-road/Towing modes) GT Includes the following features in addition to or in place of CX-90 Mild Hybrid Inline 6 Turbo GS-L with Enhanced Package:

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)¹ Smart Brake Support Rear Crossing (SBS-RC)² Front Cross Traffic Alert (FCTA) Blind Spot Monitoring (BSM) with Vehicle Exit Warning Driver Monitoring (DM) Rearview camera (with dynamic guide lines)

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

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 Rear door sunshades (retractable) Illuminated glove box Front and rear door courtesy lamp Rear console with light LED driver's and passenger's foot lamps

INTERIOR: SEAT & INTERIOR TRIM

Black leather-trimmed upholstery Heated second-row seats (outboard seats only; three 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)

GT OPTION

GREIGE LEATHER UPHOLSTERY

Greige leather-trimmed upholstery Centre console panel in Light Arbor Upper door panel trimmed in Light Arbor with silver accent **GT-P** Includes the following features in addition to or in place of CX-90 Mild Hybrid Inline 6 Turbo 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

Cruise & Traffic Support (CTS) 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 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

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

SIGNATURE Includes the following features in addition to or in place of CX-90 Mild Hybrid Inline 6 Turbo 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: AUDIO & CONNECTIVITY

12.3-inch full-colour centre display Touchscreen Centre Display for Apple Car PlayTM/ Android AutoTM

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

INTERIOR: SEAT & INTERIOR TRIM (CONTINUED)

Second-row Captain's Chairs with premium centre console armrest with storage compartment 6-seat capacity 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 Luxe Suede® side door trim Dashboard mid-panel in Windsor Tan Grand Luxe 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 Product changes and options availability: Following publication of this brochure, 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 brochure 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.

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