

# MODEL YEAR 2025 | CVO™ PAN AMERICA®

Dimensions	RA1250SE CVO™ Pan America®	Notes
Length	92.3 in. (2,345 mm)	
Overall Width	43.1 in. (1,095 mm)	
Overall Height	59.4 in. (1,510 mm)	
Seat Height, Laden		2
Seat Height, Laden (Low seat position)	N/A	
Seat Height, Laden (High seat position)	N/A	
Seat Height, Laden (Low seat position with optional ARH suspension)	30.4 in. (772 mm)	
Seat Height, Laden (High seat position with optional ARH suspension)	31.4 in. (797 mm)	
Seat Height, Unladen		
Seat Height, Unladen (Low seat position)	N/A	
Seat Height, Unladen (High seat position)	N/A	
Seat Height, Unladen (Low seat position with optional ARH suspension)	32.7 in. (830 mm)	
Seat Height, Unladen (High seat position with optional ARH suspension)	33.7 in. (855 mm)	
Static Ground Clearance	7.1 in. (180 mm)	
Dynamic Ground Clearance (with optional suspension)	7.1 in. (180 mm)	
Rake (steering head)	25	
Fork Angle	25	
Trail	4.3 in. (108 mm)	
Wheelbase	62.4 in. (1,585 mm)	
Tires, Type	Michelin® Scorcher “Adventure”, Radial	
Tires, Front Model	Scorcher Adventure	
Tires, Front Specification	120/70R19 60V	
Tires, Rear Model	Scorcher Adventure	
Tires, Rear Specification	170/60R17 72V	
Fuel Capacity	5.6 gal. (21.2 l)	

Reserve Fuel Capacity, Fuel Injection (warning light)	1 gal. (3.8 l)	
Oil Capacity (w/filter)	4.75 qt. (4.5 l)	
Transmission Capacity	N/A	
Primary Chain Case Capacity	N/A	
Coolant Capacity	2.32 qt. (2.2 l)	
Weight, As Shipped	626 lb. (284 kg)	
Weight, In Running Order	659 lb. (299 kg)	
Gross Vehicle Weight Rating	1,034 lb. (469 kg)	
Gross Axle Weight Rating, Front	399 lb. (181 kg)	
Gross Axle Weight Rating, Rear	665 lb. (302 kg)	
Luggage Capacity -Volume	4.24 cu ft (0.12 m3)	

Engine	RA1250SE CVO™ Pan America®	Notes
Engine	Revolution® Max 1250	
Valves	Chain-driven, DOHC, hydraulic self-adjusting lifters, intake & exhaust VVT; four valves per cylinder	
Bore	4.134 in. (105 mm)	
Stroke	2.846 in. (72.3 mm)	
Displacement	76.4 cu in (1,252 cc)	
Compression Ratio	13.0:1	
Fuel System	Electronic Sequential Port Fuel Injection (ESPFI)	3
Air Cleaner	Downdraft intake, tuned velocity stacks, washable filter media	
Exhaust	2-into-1-into-1; catalyst in header	
Lubrication System	Semi-Dry Sump	

Drivetrain	RA1250SE CVO™ Pan America®	Notes
Primary Drive	Gear, 49/89 ratio	
Final Drive	Chain, 19/48 ratio	
Clutch	Mechanical, 8 plate wet, assist & slip, 1090N	
Transmission	6-Speed	
Gear Ratios (overall) 1st	13.11	

Gear Ratios (overall) 2nd	9.687	
Gear Ratios (overall) 3rd	7.509	
Gear Ratios (overall) 4th	6.057	
Gear Ratios (overall) 5th	5.08	
Gear Ratios (overall) 6th	4.436	

<b>Chassis</b>	<b>RA1250SE CVO™ Pan America®</b>	<b>Notes</b>
Frame	Stressed-member, high strength low alloy steel trellis frame; stamped, cast, and forged junctions; MIG welded; aluminum forged mid-structure	
Swingarm	One-piece cast aluminum	
Front Fork	47mm inverted fork with electronically adjustable semi-active damping control and Adaptive Ride Height (ARH). Aluminum fork triple clamps	
Front Fork, Optional	N/A	
Rear Shocks	Linkage-mounted monoshock with automatic electronic preload control and semi-active compression & rebound damping and Adaptive Ride Height (ARH)	
Rear Shocks, Optional	N/A	
Wheels, Optional Style Type	N/A	4
Wheels, Front Type	Anodized aluminum tubeless laced	4
Wheels, Front Diameter	19 in. (483 mm)	
Wheels, Front Width	3 in. (76 mm)	
Wheels, Rear Type	Anodized aluminum tubeless laced	4
Wheels, Rear Diameter	17 in. (432 mm)	
Wheels, Rear Width	4.5 in. (114 mm)	
Brakes, Caliper Type	Front: radially mounted, monoblock, 4-piston caliper; Rear: floating, single piston caliper	
Brakes, Rotor Type	Front: dual rotor, floating, tower-mounted; Rear: solid uniform expansion rotor	
Brakes, Front Diameter	12.6 in. (320 mm)	
Brakes, Front Thickness	0.17 in. (4.5 mm)	
Brakes, Front is dual	Yes	
Brakes, Rear Diameter	11 in. (280 mm)	
Brakes, Rear Thickness	0.2 in. (5 mm)	
Brakes, Anti-Lock Braking System (ABS)	Standard	

Suspension Travel, Front	7.5 in. (191 mm)	
Suspension Travel, Rear	7.5 in. (191 mm)	

<b>Performance</b>	<b>RA1250SE CVO™ Pan America®</b>	<b>Notes</b>
Engine Torque Testing Method	J1349	
Engine Torque	95 ft-lb (129 Nm)	5
Engine Torque (rpm)	6,750	
Power	150 HP / 112 kW @ 8750 rpm	
Lean Angle Testing Method	J1168	
Lean Angle, Right (deg.)	42	
Lean Angle, Left (deg.)	42	

<b>Electric</b>	<b>RA1250SE CVO™ Pan America®</b>	<b>Notes</b>
Battery	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 CCA at 0°F	
Charging	Three-phase, 45 Amp system (390 Watts @13 Volts, 1300 rpm, 585 Watts max power @ 13 Volts, 2500 rpm)	
Starting	0.9 kW electric with direct drive starter motor engagement	
Lights (as per country regulation), Headlamp	Daymaker® Adaptive LED Headlamp with 6-segment LED banking lamp	
Lights (as per country regulation), Tail/Stop	All LED Tail/Stop lamp with signature tail lighting	
Lights (as per country regulation), Front Signal Lights	LED Bullet Turn Signals	
Lights, Rear Turn Signals	LED Bullet Turn Signals	
Gauges	6.8 inch (173 mm) viewable area TFT display with speedometer, gear, odometer, fuel level, clock, trip, ambient temp, low temp alert, side stand down alert, TIP over alert, cruise, range and tachometer indication BT capable - phone pairing to access phone calls, music, navigation (H-D App ONLY)	
Auxiliary Lamps	Fog lamps & driving beams	
Electric Power Outlet	USB C-Type , Output 5V at 2.4 Amp	
GPS System	N/A	
Reverse Gear	N/A	

<b>Fuel Economy &amp; CO<sub>2</sub> Emissions</b>	<b>RA1250SE CVO™ Pan America®</b>	<b>Notes</b>
Fuel Economy Testing Method	Estimated City/Hwy	
Fuel Economy	46 mpg (5.1 l/100 km)	

<b>Infotainment</b>	<b>RA1250SE CVO™ Pan America®</b>	<b>Notes</b>
Infotainment system	N/A	
Screen Size	6.8 in (173 mm)	
Type	Color TFT w/ Touch	
Watts Per Channel	N/A	
Speakers	N/A	
Speaker Size	N/A	
Headset Specifications (if equipped)	Bluetooth	
AM	N/A	
FM	N/A	
MW	N/A	
LW	N/A	
Weather Band (WB)	N/A	
SD Card, Flash Drive and MP3 - via USB Connection	N/A	
Hands-free Mobile Phone - via Bluetooth	Standard	
Voice Recognition Languages: Phone functions only	Phone dependent	
Rider/Passenger Intercom	Headset function only	
Vehicle Information Screen (Air temperature, oil pressure and EITMS)	TPMS, Engine temp, Battery Voltage, Ambient Air Temp	
Text-to-Speech (TTS) Languages	Phone dependent	
USB	Charging and Instrument update, USB-C, 5V, 3A	
Phone Connectivity		
Bluetooth	Phone/Media Supported	
Navigation - via Bluetooth	H-D Mobile App	

<b>Rider Safety Enhancements</b>	<b>RA1250SE CVO™ Pan America®</b>	<b>Notes</b>
----------------------------------	-----------------------------------	--------------

Anti-lock Brake System (ABS)	Included	
Electronic Linked Braking (ELB)	Included	
Traction Control System (TCS)	Included	
Drag-torque Slip Control System (DSCS)	Included	
Vehicle Hold Control (VHC)	Included	
Tire Pressure Monitoring System (TPMS)	Included	
Wheel Lift Mitigation	Included	

<b>Cornering Rider Safety Enhancements</b>	<b>RA1250SE CVO™ Pan America®</b>	<b>Notes</b>
Cornering Enhanced Anti-lock Brake System (C-ABS)	Included	
Cornering Enhanced Electronic Linked Braking (C-ELB)	Included	
Cornering Enhanced Traction Control System (C-TCS)	Included	
Cornering Drag-Torque Slip Control System (C-DSCS)	Included	
Enhanced Lift Mitigation	Included	

<b>Warranty And Service</b>	<b>RA1250SE CVO™ Pan America®</b>	<b>Notes</b>
Warranty	24 months (unlimited mileage)	6
Service Interval	First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter	7

<b>Footnotes</b>	<b>RA1250SE CVO™ Pan America®</b>	
1	Vehicles depicted may differ from vehicles manufactured and delivered. Specifications and prices listed may differ from specifications and prices of vehicles manufactured and delivered. All product descriptions (including depictions, specifications, dimensions, measurements, ratings and competitive comparisons) are based on available information at the time of publication. Although such descriptions are believed correct, errors and changes can occur and complete accuracy cannot be guaranteed. Harley-Davidson may make changes at any time to	

	prices and specifications, and may change or discontinue models, without notice and without incurring any obligation. Attention: Vehicles in the configurations shown and many of the accessories described in this catalog may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information. All models feature 6-speed transmission (VRSC™ models and Sportster® models are 5-speed) and carbon fiber belt final drive; multi-plate clutch with diaphragm spring in oil bath; and 2-year unlimited mileage warranty.	
2	Measurement reflects 180 lb. (81.7 kg) operator weight.	
3	Recommended 91 octane or higher fuel (R+M)/2.	
4	Standard and optional wheels may vary by country and region.	
5	Values shown are nominal. Performance may vary by country and region.	
6	See motorcycle owner's manual for complete details.	
7	Inspections of certain systems and components are required at 2,500 mile (4,000 km) intervals. See Owner's Manual for full details.	

©2025 H-D or its affiliates. HARLEY-DAVIDSON, HARLEY, H-D, and the Bar and Shield Logo are among the trademarks of H-D U.S.A., LLC. Third-party trademarks are the property of their respective owners.