

MODEL YEAR 2025 | PAN AMERICA 1250 ST

Dimensions	RA1250ST Pan America® 1250 ST	Notes
Length	88.2 in. (2,240 mm)	
Overall Width	35.3 in. (895 mm)	
Overall Height	52.4 in. (1,330 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)	29.4 in. (746 mm)	
Seat Height, Laden (High seat position with optional ARH suspension)	N/A	
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)	31.7 in. (805 mm)	
Seat Height, Unladen (High seat position with optional ARH suspension)	N/A	
Static Ground Clearance	6.7 in. (170 mm)	
Dynamic Ground Clearance (with optional suspension)	6.7 in. (170 mm)	
Rake (steering head)	25	
Fork Angle	25	
Trail	3.7 in. (95 mm)	
Wheelbase	61.8 in. (1,570 mm)	
Tires, Type	Michelin® Scorcher "Sport"	
Tires, Front Model	Scorcher Sport	
Tires, Front Specification	120/70ZR17 58W	
Tires, Rear Model	Scorcher Sport	
Tires, Rear Specification	180/55ZR17 73W	
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	507 lb. (230 kg)	
Weight, In Running Order	542 lb. (246 kg)	
Gross Vehicle Weight Rating	1,003 lb. (455 kg)	
Gross Axle Weight Rating, Front	399 lb. (181 kg)	
Gross Axle Weight Rating, Rear	665 lb. (302 kg)	
Luggage Capacity -Volume	N/A	

Engine	RA1250ST Pan America® 1250 ST	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	RA1250ST Pan America® 1250 ST	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	

Chassis	RA1250ST Pan America® 1250 ST	Notes
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 preload and manually adjustable compression and rebound. Aluminum fork triple clamps	
Front Fork, Optional	N/A	
Rear Shocks	Linkage-mounted monoshock with automatic electronic preload control and manually adjustable compression & rebound damping	
Rear Shocks, Optional	N/A	
Wheels, Optional Style Type	N/A	4
Wheels, Front Type	Aluminum cast, satin black	4
Wheels, Front Diameter	17 in. (432 mm)	
Wheels, Front Width	3.5 in. (89 mm)	
Wheels, Rear Type	Aluminum cast, satin black	4
Wheels, Rear Diameter	17 in. (432 mm)	
Wheels, Rear Width	5.5 in. (140 mm)	
Brakes, Caliper Type	Front: radially mounted, monoblock, 4-piston caliper; Rear: floating, single piston caliper	
Brakes, Rotor Type	Front: dual rotor, floating, hub 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	6.7 in. (170 mm)	

Suspension Travel, Rear	6.7 in. (170 mm)	
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Performance	RA1250ST Pan America® 1250 ST	Notes
Engine Torque Testing Method	J1349	
Engine Torque	91 ft-lb (124 Nm)	5
Engine Torque (rpm)	6,750	
Power	149 HP / 111 kW @ 8750 rpm	
Lean Angle Testing Method	J1168	
Lean Angle, Right (deg.)	37	
Lean Angle, Left (deg.)	37	

Electric	RA1250ST Pan America® 1250 ST	Notes
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	
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 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	N/A	
Electric Power Outlet	USB C-Type , Output 5V at 2.4 Amp	
GPS System	N/A	
Reverse Gear	N/A	

Fuel Economy & CO₂ Emissions	RA1250ST Pan America® 1250 ST	Notes
Fuel Economy Testing Method	Estimated City/Hwy	
Fuel Economy	46 mpg (5.1 l/100 km)	

Infotainment	RA1250ST Pan America® 1250 ST	Notes
Infotainment system		
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	

Rider Safety Enhancements	RA1250ST Pan America® 1250 ST	Notes
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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	

Cornering Rider Safety Enhancements	RA1250ST Pan America® 1250 ST	Notes
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	

Warranty And Service	RA1250ST Pan America® 1250 ST	Notes
Warranty	24 months (unlimited mileage)	6
Service Interval	First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter	7

Footnotes	RA1250ST Pan America® 1250 ST	
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.	

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