



AX300 DIESEL

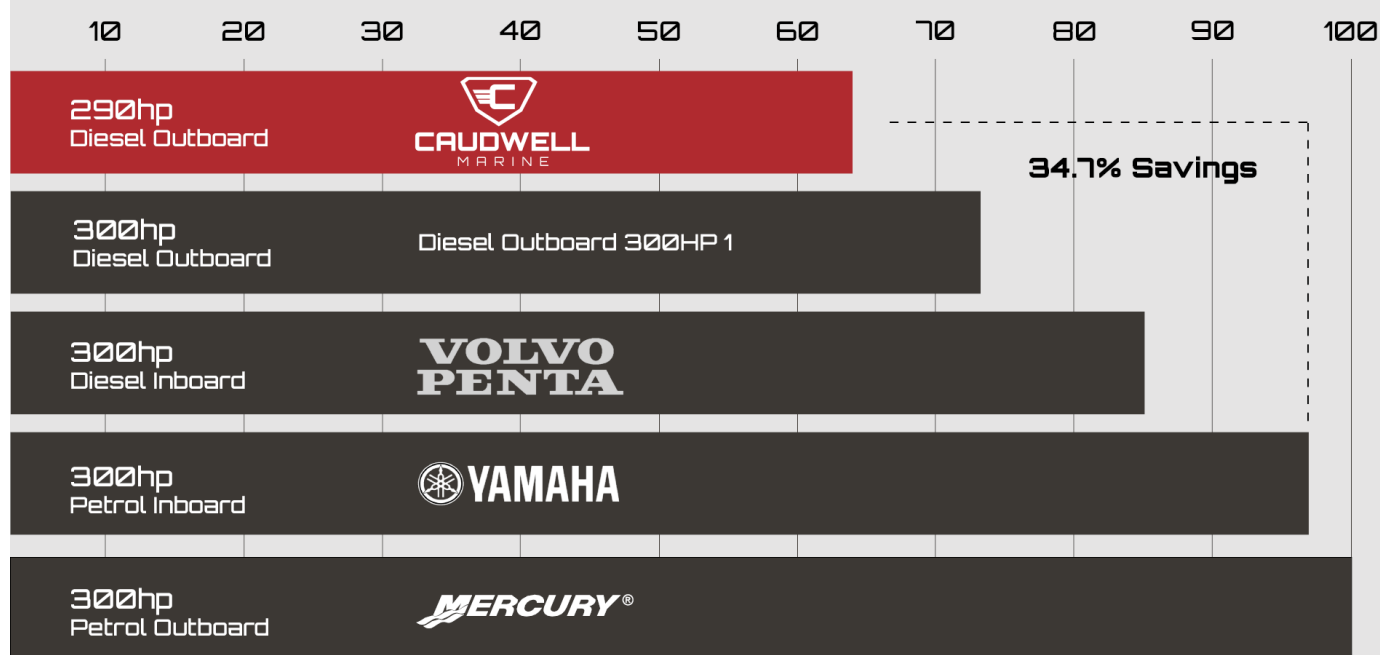
Product Specifications

Number of cylinders	6
Cylinder arrangement	V
Number of valves / arrangement	24 / DOHC
Displacement (cm ³)	2987
Bore (mm) 83	83
Stroke (mm) 92	92
Bore distance (mm)	96
Firing order	1-4-2-5-3-6
Compression ratio	16:1
Fuel System	Electronically Controlled, Common Rail Direct, Injection Diesel
Aspiration	Turbo-Charged with Charge Air Cooler
Cooling System	Dual circuit: Indirect Heat Exchanger Cooled
Transmission - Caudwell Axis Drive Propulsion System	Ahead & Astern clutch with proportional control and trolling mode – Overall Gear Reduction Ratio 1.76: 1
Steering - Caudwell Axis Drive Propulsion System	Integrated Electro-Hydraulic Direct Drive System, CAN bus Helm Unit, Dual control circuit for redundancy, Emergency steer facility
Power Trim & Tilt (PTT)	Integrated Electro-Hydraulic
Prop Output at engine speed kW/rpm	290HP / 213.5kW @ 4000rpm
Torque at engine speed Nm/rpm	604Nm @ 1800rpm
Powerhead Output at engine speed kW/rpm	295HP / 217kW @ 4000rpm
Prop Torque at engine speed Nm/rpm	1063Nm @ 1800rpm
Max no load speed	4300

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Minimum Nominal Idle Speed (rpm)	650
Max WOT (rpm)	4000
Drive Leg Lengths (effective length)	XL 25" – XXL 30"
Alternator	12V 140A
Weight	Approx. 500kg – dependant on spec
Propellers	Twin contra-rotating Bravo 3 type, maximum 16" diameter
Emissions	EPA Tier 3, IMO Tier II, RCD II

AX300 Diesel fuel efficiency and savings compared to diesel and petrol competitors



Fuel Performance (L/H)*

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