

ROTAX®

1630 ACE™

EFFICIENT ALL ROUNDER AND SUPERCHARGED EXHILARATION

Breathaking Performance

The perfect engine for all-around performance and efficiency. With its crisp and pulse-pounding acceleration, the Rotax 1630 ACE has been designed to provide thrills and excitement to any rider.

Reliable

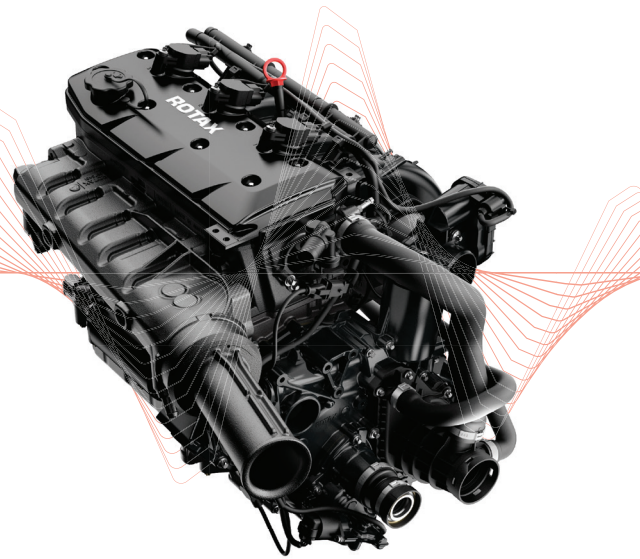
The Rotax 1630 engine platform offers legendary reliability with minimal maintenance requirements. It has been designed to endure the harsh marine environment for long enjoyable days on the water.

Fuel Efficient

Thanks to ACE technology, the Rotax ACE 1630 offers industry-leading fuel economy.

Efficient Intake System

The Rotax 1630 ACE 130/170 HP boast naturally aspirated punch with optimal fuel economy while the 230/300 HP supercharged versions allow you to level up the performance to your preference.



This image should be used as a reference only. ROTAX Jet Propulsion marine engine might slightly differ from this image.

ROTAX® ENGINE SPECS	ROTAX® 1630 ACE™ – 130	ROTAX® 1630 ACE™ – 170	ROTAX® 1630 ACE™ – 230	ROTAX® 1630 ACE™ – 300
Mounting	Inboard	Inboard	Inboard	Inboard
Engine Type (stroke)	4	4	4	4
Number of Cylinders	3	3	3	3
Cylinder Configuration	in-line	in-line	in-line	in-line
Displacement	1,630 cc	1,630 cc	1,630 cc	1,630 cc
Horsepower	130 HP	170 HP	230 HP	300 HP
Max RPM	7300	8000	8000	8000
Bore x Stroke	100 mm x 69.2 mm	100 mm x 69.2 mm	100 mm x 69.2 mm	100 mm x 69.2 mm
Weight (kg)	86	86	91	91
Throttle System	iTC™ (Intelligent Throttle Control)	iTC™ (Intelligent Throttle Control)	iTC™ (Intelligent Throttle Control)	iTC™ (Intelligent Throttle Control)
Compression Ratio	11.0:1	11.0:1	8.3:1	8.4:1
Engine Oil Capacity	3 l (3.2 qt [liq.,US]) oil change w/ filter. Total quantity for a dry engine is 5 l (5.3 qt [liq.,US])	3 l (3.2 qt [liq.,US]) oil change w/ filter. Total quantity for a dry engine is 5 l (5.3 qt [liq.,US])	3 l (3.2 qt [liq.,US]) oil change w/ filter. Total quantity for a dry engine is 5 l (5.3 qt [liq.,US])	3 l (3.2 qt [liq.,US]) oil change w/ filter. Total quantity for a dry engine is 5 l (5.3 qt [liq.,US])
Engine Oil Type	XPS: 4T 5W40 Synthetic blend oil*	XPS: 4T 5W40 Synthetic blend oil*	XPS: 4T 5W40 Synthetic blend oil*	XPS: 4T 5W40 Synthetic blend oil*
Lubrication	Dry sump lubrication system with integrated oil tank	Dry sump lubrication system with integrated oil tank	Dry sump lubrication system with integrated oil tank	Dry sump lubrication system with integrated oil tank
Intake System	Naturally aspirated	Naturally aspirated	Supercharged with external intercooler	Supercharged with external intercooler
Cooling System	Closed-Loop Cooling System (CLCS)	Closed-Loop Cooling System (CLCS)	Closed-Loop Cooling System (CLCS)	Closed-Loop Cooling System (CLCS)
Reverse / Braking system	Electronic iNR (Optional)	Electronic iNR (Optional)	Electronic iNR (Optional)	Electronic iNR (Optional)
Starter	Electric	Electric	Electric	Electric
Fuel type	87 octane	87 octane	87 octane	91 octane
Fuel Induction System	Multipoint fuel injection with iTC (intelligent Throttle Control). Single throttle body (60 mm) with actuator	Multipoint fuel injection with iTC (intelligent Throttle Control). Single throttle body (60 mm) with actuator	Multipoint fuel injection with iTC (intelligent Throttle Control). Single throttle body (60 mm) with actuator	Multipoint fuel injection with iTC (intelligent Throttle Control). Single throttle body (60 mm) with actuator
Gear Ratio / Gearing	Direct drive	Direct drive	Direct drive	Direct drive
Gear Shift	Forward, Neutral, Reverse	Forward, Neutral, Reverse	Forward, Neutral, Reverse	Forward, Neutral, Reverse
Alternator amp / Watt	650 W	650 W	650 W	650 W
C.A.R.B. Rating	4 Stars	4 Stars	4 Stars	3 Stars
Combustion Technology	ACE (Advanced Combustion Efficiency)	ACE (Advanced Combustion Efficiency)	ACE (Advanced Combustion Efficiency)	ACE (Advanced Combustion Efficiency)
iDF (Intelligent Debris Free) Compatible	iDF (Optional)	iDF (Optional)	iDF (Optional)	iDF (Optional)
ECT (Emission Control Technology)	Yes	Yes	Yes	No
Catalytic Converter	Yes	Yes	Yes	No
Warranty	3 yrs	3 yrs	3 yrs	3 yrs

* For detailed information and alternative specification for engines with / without supercharger see PWC operators guides MY23