



ROTAX® ENGINE	850 E-TEC	900 ACE Turbo R
Engine details	Liquid-cooled, two- stroke, 3-D R.A.V.E.™	Liquid-cooled, four- stroke D.O.H.C., turbocharged
Cylinders	2	3
Displacement	849 cc	899.0 cc
Bore	82 mm	74 mm
Stroke	80.4 mm	69.7 mm
Maximum engine speed	7900 RPM	7900 RPM
Carburation	Electronic Direct Injection with additional booster injectors	
Recommended fuel type	Unleaded	Unleaded
Minimum octane	95	95
Fuel tank	37 liters	
Oil tank capacity (2-stroke)	3,4 liters	

POWERTRAIN

Drive clutch type	pDrive with clickers (850 E-TEC) pDrive (900 ACE Turbo R)	
Driven clutch type	QRS	
Brake system	Hydraulic brake with braided steel brake line plastic master cylinder	

	Platinum Silver Satin /
COLOUR	Viper Red

DIMENSIONS

Vehicle overall length*	3120 mm	
Vehicle overall width	1300 mm	
Vehicle overall height	1260 mm	
Ski stance	1097 mm 996 mm (spring only on 850)	
Track nominal width	406 mm	
Track nominal length	3705 mm	
Track profile height	51 mm PowderMax 64 mm PowderMax II (spring only on 850) 41 mm Ice Cobra studded (spring only on Turbo)	

SUSPENSION

Front suspension	LFS+	
Front shock	KYB 46 HLCR Kashima	
Rear suspension	PPS ³ -3700	
Center shock	KYB 46 HLCR Kashima	
Rear shock	KYB 46 HLCR Kashima	

FEATURES

Frame	Radien Radien-X	
Skis	Blade XC+ Blade DS+ (spring only on 850)	
Seating	Sport, 1-up	
Handlebar	U-type aluminium with hooks, low grab handle	
Riser block height	120 mm	
Starter	Electric and manual Electric (Turbo)	

Reverse	RER (850 E-TEC) Electromechanical (ACE)	
Heated throttle lever	Standard	
Heated grips	Standard	
Gauge	7.2-in. wide digital display 7.8-in panorama display (spring only on Turbo)	
Windshield	Low	
Visor Plug front / rear	Front	
USB power outlet	Yes, in front compartment	
LinQ attachment	2 pairs	



^{*} Vehicle overall length without snowflap.