

GENERAL INFORMATION

Model Specifications

Polaris reserves the right to change specifications at any time without incurring obligation.

	1992 <u>SL650</u> 8924058	1993 <u>SL650</u> 8934058	1993 <u>SL750</u> 8934070
Dimensions/Materials			
Length (inches)	105.5"	105.5"	105.5"
Width (inches)	45"	45"	45"
Height (inches)	37.5"	37.5"	37.5"
Draft (stationary, unloaded in inches)	9	9	9
Dry Weight (lbs.)	510	495	499
Hull Material	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)
Top Deck Material	SMC	SMC	SMC
Side Rail Material	PVC	PVC	PVC
Front Bumper Material	TPO	TPO	TPO
Base Color	White	White	White
Accent Colors	Hot Pink, Blue, Gray	Hot Pink, Blue, Gray	Hot Pink, Blue, Gray
Capacities			
Rider Capacity	2 person/400 lbs.	2 person/400 lbs.	2 person/400 lbs.
Front Storage Capacity (cubic feet)	1.03	1.03	1.03
Rated Fuel Capacity including reserve	9.8	9.8	9.8
Fuel Reserve (U.S. gallons)	2.5	2.5	2.5
Oil Reservoir Capacity (U.S. quarts)	3.5	3.5	3.5
Engine			
Engine Model No.	EC65PW/01	EC65PW01	EC75PW01
Oil Type	Polaris Injection Oil or NMMA Certified TC-W3	Polaris Injection Oil or NMMA Certified TC-W3	Polaris Injection Oil or NMMA Certified TC-W3
Engine Cooling	Liquid, open system	Liquid, open system	Liquid, open system
Engine Cylinders	3	3	3
Engine Displacement	647cc	647cc	744cc
Bore & Stroke	65mm x 65mm	65mm x 65mm	69.72mm x 65mm
Compression Ratio	6.4 to 1 (corrected)	6.6 to 1 (corrected)	6.7 to 1 (corrected)
Timing Degrees BTDC	24° at 3000 rpm	18° at 3000 rpm	16° at 3000 rpm
Ignition System	COI, Flywheel Magneto	COI, Flywheel Magneto	COI, Flywheel Magneto
Lubrication	Oil Injected	Oil Injected	Oil Injected
Horsepower	68 HP @ 6500 rpm	68 HP @ 6500 rpm	78 HP @ 6500 rpm
Maximum Static Thrust (lbs.)	Approximate 550	Approximate 550	Approximate 550
Maximum Torque	58 ft./lbs. @ 6000 rpm	62 ft./lbs. @ 5750 rpm	72.5 ft./lbs. @ 5500 rpm
Carburetion			
Carburetion Intake	Reed Valve	Reed Valve	Reed Valve
Carburetors	3-38mm, 34mm venturi	3-38mm, 34mm venturi	3-38mm, 34mm venturi
Electrical			
Alternator Output	120 watt at 4500 rpm	120 watt at 4500 rpm	120 watt at 4500 rpm
Spark Plug Type	NGK BR8ES, Champion RN-3C	NGK BR8ES, Champion RN-3C	NGK BR8ES, Champion RN-3C
Spark Plug Gap (inches)	.028"	.028"	.028"
Idle RPM (in water)	1550 ± 100 rpm	1300 ± 100 rpm	1300 ± 100 rpm
Propulsion			
Jet Pump Type	Single Stage Axial Flow	Single Stage Axial Flow	Single Stage Axial Flow
Impeller Rotation	Counter Clockwise	Counter Clockwise	Counter Clockwise
Impeller Type	Stainless steel, 3 blade	Stainless steel, 3 blade	Stainless steel, 3 blade
Impeller Pitch (degrees)	14.5° (13/15°)*	15/18°	17/20°
Bilge Pump Type	Siphon 2 GPM	Siphon 2 GPM	Siphon 2 GPM
DB Noise Level	74 Decibels	74 Decibels	74 Decibels
• 2nd Production			

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1994 SL650 8944058

1994 SL750 8944070

1994 SLT750 8944170

Dimensions/Materials

Length (inches)	. 105.35"	105.35"	120.3"
Width (inches)	. 44.86"	44.86"	47.3"
Height (inches)	. 37.5"	37.5"	37.0"
Draft (stationary, unloaded in inches)	. 9	9	8
Dry Weight (lbs.)	. 495	499	530
Hull Design	. Modified V	Modified V	Full V
Hull Material	. Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)	Polyester/glass/foam composite
Top Deck Material	. SMC	SMC	Polyester/glass composite
Side Rail Material	. PVC	PVC	PVC
Front Bumper Material	. TPO	TPO	TPO
Base Color	. White	White	White
Accent Colors	. Rubine Red 1Purple	Rubine Red 1Black	Caribbean Blue 1Magenta

Capacities

Rider Capacity	. 2 person/400 lbs.	2 person/400 lbs.	3 person/500 lbs.
Front Storage Capacity (cubic feet)	. 1.03	1.03	1.2
Rated Fuel Capacity including reserve	. 9.8	9.8	11
Fuel Reserve (U.S. gallons)	. 2.5	2.5	2.5
Oil Reservoir Capacity (U.S. quarts)	. 3.5	3.5	5

Engine

Engine Model No.	. EC65PW02	EC75PW02	EC75PW02
Engine Cooling	. Liquid, open system	Liquid, open system	Liquid, open system
Engine Cylinders	. 3	3	3
Engine Displacement	. 647cc	744cc	744cc
Bore & Stroke	. 65mm x 65mm	69.72mm x 65mm	69.72mm x 65mm
Compression Ratio (Full Stroke)	. 10.7:1	10.7:1	10.7:1
Timing Degrees BTDC	. 18° at 3000 rpm	25° at 3000 rpm	25° at 3000 rpm
Horsepower	. 68 HP @ 6350 rpm	80 HP @ 6150 rpm	80 HP @ 6250 rpm
Lubrication	. Oil Injected	Oil Injected	Oil Injected
Carburetion			
Carburetion Intake	. Reed Valve	Reed Valve	Reed Valve
Carburetors	. 3-38mm, 34mm venturi	3-38mm, 34mm venturi	3-38mm, 34mm venturi
Electrical			
Ignition System	. CDI, Flywheel Magneto	Digital CDI, Flywheel Magneto	Digital CDI, Flywheel Magneto
Alternator Output	. 10 Amps 1120 watt at 4500 RPM	10 Amps 1120 watt at 4500 RPM	10 Amps 1120 watt at 4500 RPM
Spark Plug Type	. NGK BPR 7ES	NGK BPR 7ES	NGK BPR 7ES
Spark Plug Gap (inches)	. .028"	.028"	.028"

Propulsion

Jet Pump Type	. Single Stage Axial Flow - Polaris	Single Stage Axial Flow - Polaris	Single Stage Axial Flow - Polaris
Impeller Rotation	. Counter Clockwise	Counter Clockwise	Counter Clockwise
Impeller Type	. Progressive pitch, Stainless steel, 4 blade PN 5131056	Progressive pitch, Stainless steel, 4 blade PN 5131079	Progressive pitch, Stainless steel, 4 blade PN 5131035

Options/Accessories

RPM Limiter	Standard	Standard	Standard
Low Oil Monitoring	Buzzer	Warning Light	Warning Light
Overheat Warning	Buzzer	Warning Light	Warning Light
Bilge Pump Type	Siphon 2 GPM	Siphon 2 GPM	Siphon 2 GPM
Speedo (Analog)	Option	N/A	N/A
Fuel Gauge (Analog)	Standard	N/A	N/A
Multi-Function Display	N/A	Standard	Standard

"Multi-Function Display includes: Speedometer, Peak Speed, Peak RPM, Tachometer, Clock, Hour Meter, Oil Level, Trip Meter, Low Oil Warning, Fuel Level, Volts, Low Fuel Warning, Hot Engine Warning

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Model Specifications

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	1995 SL65Q	1995 SL65Q STO	1995 SL75Q
Model Number	B954058 (1954058)	B954358 (1954358)	B954070 (1954070)
Dimensions/Materials			
Length (inches)	105.5"	105.5"	105.5"
Width (inches)	45"	45"	45"
Height (inches)	37.5"	37.5"	37.5"
Draft (stationary, unloaded in inches)	9	9	9
Dry Weight (lbs.)	495	495	499
Hull Design	Modified V	Modified V	Modified V
Hull Material	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)
Top Deck Material	SMC	SMC	SMC
Side Rail Material	PVC	PVC	PVC
Front Bumper Material	TPO	TPO	TPO
Base Color	White	White (Bottom Hull - Easter Purple)	White
Accent Colors	Purple Velvet / Rubine Red	Purple Velvet / Rubine Red	Purple Velvet / Rubine Red
Capacities			
Rider Capacity	2 person/400 lbs.	2 person/400 lbs.	2 person/400 lbs.
Front Storage Capacity (cubic feet)	1.03	1.03	1.03
Rated Fuel Capacity including reserve	9.8	9.8	9.8
Fuel Reserve (U.S. gallons)	2.5	2.5	2.5
Oil Reservoir Capacity (U.S. quarts)	3.5	3.5	3.5
Engine			
Engine Model No.	EC65PWE03	EC65PWE03	EC75PWE03
Engine Cooling	Liquid, open system	Liquid, open system	Liquid, open system
Engine Cylinders	3	3	3
Engine Displacement	647cc	647cc	744cc
Bore & Stroke	65mm x 65mm	65mm x 65mm	69.72mm x 51.5mm
Compression Ratio (Full Stroke)	10.7:1	10.7:1	10.5:1
Timing Degrees BTDC	18° at 3000 rpm	18° at 3000 rpm	24° at 3000 rpm
Horsepower	68 HP @ 6500 rpm	68 HP @ 6500 rpm	80 HP @ 6000 rpm
Lubrication	Oil Injected	Oil Injected	Oil Injected
Carburetion			
Carburetion Intake	Reed Valve	Reed Valve	Reed Valve
Carburetors	3-38mm, 34mm venturi	3-38mm, 34mm venturi	3-38mm, 34mm venturi
Electrical			
Ignition System	COI, Flywheel Magneto	COI, Flywheel Magneto	Digital COI, Flywheel Magneto
Starting System	Electric Starter	Electric Starter	Electric Starter
Alternator Output	10 Amps / 120 watt at 4500 RPM	10 Amps / 120 watt at 4500 RPM	10 Amps / 120 watt at 4500 RPM
Spark Plug Type	NGK BPR 7ES	NGK BPR 7ES	NGK BPR 7ES
Spark Plug Gap (inches)	.028"	.028"	.028"
Propulsion			
Jet Pump Type	Single Stage Axial Flow - Polaris	Single Stage Axial Flow - Polaris	Single Stage Axial Flow - Polaris
Impeller Rotation	Counter Clockwise	Counter Clockwise	Counter Clockwise
Impeller Type	Progressive pitch, Stainless steel, 4 blade PN 5131056	Progressive pitch, Aluminum, 4 blade PN 5131188	Progressive pitch, Stainless steel, 4 blade PN 5131079
Options/Accessories			
RPM Limiter	Standard	Standard	Standard
Low Oil Monitoring	Hitone	Hitone	MFD Warning Light! Display
Overheat Warning	Hitone	Hitone	MFD Warning Light / Display
Quick Trim (Power) with Gauge	Option	Option	Standard
*Multi-Function Display	N/A	N/A	Standard

*Multi-Function Display includes: Speedometer, Peak Speed, Peak RPM, Tachometer, Clock, Hour Meter, Oil Level, Trip Meter, Low Oil Warning, Fuel Level, Volts, Low Fuel Warning, Hot Engine Warning

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Model Specifications

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	<u>1995 SLT750</u>	<u>1995 SLX780</u>
Model Number	B954170 (1954170)	B954287 (1954287)
Dimensions/Materials		
Length (inches)	120.3"	108.5"
Width (inches)	47.3"	47.5"
Height (inches)	37.0"	37.5"
Draft (stationary, unloaded in inches)	8	9
Dry Weight (lbs.)	530	499
Hull Design	Full V	Modified V
Hull Material	Polyester/glass/foam composite	Sheet Molded Compound (SMC)
Top Deck Material	Polyester/glass composite	SMC
Side Rail Material	PVC	PVC
Front Bumper Material	PVC	TPO
Base Color	Caribbean Blue	White
Accent Colors	Purple Velvet / Caribbean Blue	Rubine Red / Black
Capacities		
Rider Capacity	3 person/500 lbs.	2 person/400 lbs.
Front Storage Capacity (cubic feet)	1.2	1.03
Rated Fuel Capacity including reserve	11	9.8
Fuel Reserve (U.S. gallons)	2.5	1.5
Oil Reservoir Capacity (U.S. quarts)	5	3.5
Engine		
Engine Model No.	EC75PWE03	EC78PWE02
Engine Cooling	Liquid, open system	Liquid, open system
Engine Cylinders	3	3
Engine Displacement	744cc	779 cc
Bore & Stroke	69.72mm x 65mm	71 .3mm x 65mm
Compression Ratio (Full Stroke)	10.5:1	11.8:1
Timing Degrees BTDC	24° at 3000 rpm	28° at 3000 rpm
Lubrication	Oil Injected	Oil Injected
Horsepower	80 HP @ 6000 rpm	90+ HP @ 6250 rpm
Carburetion		
Carburetion Intake	Reed Valve	Reed Valve
Carburetors	3-38mm, 34mm venturi	3-38mm, 34mm venturi
Electrical		
Ignition System	Digital COI, Flywheel Magneto	Digital COI, Flywheel Magneto
Starting System	Electric Starter	Electric Starter
Alternator Output	10 Amps / 120 watt at 4500 RPM	10 Amps / 120 watt at 4500 RPM
Spark Plug Type	NGK BPR 7ES	NGK BPR 8ES
Spark Plug Gap (inches)	.028"	.028"
Propulsion		
Jet Pump Type	Single Stage Axial Flow - Polaris	Single Stage Axial Flow - Polaris
Impeller Rotation	Counter Clockwise	Counter Clockwise
Impeller Type	Progressive pitch, Stainless steel, 4 blade PN 5131035	Progressive pitch, Stainless steel, 4 blade PN 5131079
Options/Accessories		
RPM Limiter	Standard	Standard
Low Oil Monitoring	MFD Warning Light / Display	Warning Light
Overheat Warning	MFD Warning Light / Display	Warning Light / RPM Limiter
Low Fuel	MFD Warning Light / Display	Warning Light / RPM Limiter
Bilge Pump Type	Siphon 2 GPM	Siphon 2 GPM
Speedo	Standard (MFD)	(MFD)
Fuel Gauge	Standard (MFD)	(MFD)
Quick Trim (Power) with Gauge	N/A	Standard
Multi-Function Display	Standard	Standard

*Multi-Function Display includes: Speedometer, Peak Speed, Peak RPM, Tachometer, Clock, Hour Meter, Oil Level, Trip Meter, Low Oil Warning, Fuel Level, Volts, Low Fuel Warning, Hot Engine Warning

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	1996 SL7QQ	1996 SLT7QQ	1996 Hurricane
Model Number	B964066 (1964066)	B964166 (1964166)	B964466 (1964466)
Dimensions/Materials/Capacities			
Length (inches)	105.5"	120.3"	104.8"
Width (inches)	45"	47.3"	37.5"
Height (inches)	37.5"	37"	40.8"
Dry Weight (lbs.)	485	502	480
Rider Capacity	2 person/400 lbs.	3 person/500 lbs.	2 person/350 lbs.
Rated Fuel Capacity including reserve	9.8 U.S. Gal (37.1L)	11 U.S. Gal (41.6L)	8.6 U.S. Gal (32.6L)
Fuel Reserve	15 minutes	15 minutes	15 minutes
Oil Reservoir Capacity (U.S. quarts)	3.5 (3.31L)	5 (4.73L)	4 (3.78L)
Hull Material	Sheet Molded Compound (SMC)	Polyester/Glass/Foam Composite	Sheet Molded Compound (SMC)
Full Throttle Cruising Range (Approx)	61 miles (99km)	68 miles (110km)	53 miles (85km)
Side Rail Material	PVC	PVC	PVC
Front Bumper Material	TPO	PVC	TPO
Engine/Cooling			
Engine Model No.	WC70DCSP01/02	WC70DCSP01/02	WC70DCSP02
Engine Displacement	700cc	700cc	700cc
Engine Type (# Of Cylinders)	Polaris 2-Stroke (2)	Polaris 2-Stroke (2)	Polaris 2-Stroke (2)
Bore & Stroke	81mmx68mm	81mm x 68mm	81mm x 68mm
Compression Ratio (Full Stroke)	11.0:1	11.0:1	11.5:1
Horsepower	80 HP @ 6250 RPM	80 HP @ 6250 RPM	90 HP @ 6700 RPM
Cooling System	Water cooled	Water cooled	Water cooled
Thermostat Open	140° F (60° C)	140° F (60° C)	140° F (60° C)
Overheat/Low Oil Warning	Buzzer (On @ 160° F)	Buzzer (On @ 160° F)	Light (MFD)(On @ 160° F)
Induction Type	Case Reed	Case Reed	Case Reed
Lubrication	Oil Injected	Oil Injected	Oil Injected
Oil Type	Polaris TC-W3	Polaris TC-W3	Polaris TC-W3
RPM Limiter Operation	6700 RPM ± 50	6700 RPM ± 50	6700 RPM ± 50
Carburetion			
Carburetors (Keihin)	2-38mm, CDK II	2-38mm, CDK II	2-38mm, CDK II
Fuel Type	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)
Idle Speed (In Water)	1250±50	1250±50	1350±50
Electrical			
Magneto Generator Output	5A /60W at 4500 RPM	5A 160W at 4500 RPM	5A 160W at 4500 RPM
Ignition System	Digital CDI	Digital CDI	Digital CDI
Spark Plug Type	NGK BPR7ES	NGK BPR7ES	NGK BPR7ES
Spark Plug Gap (inches)	.028"	.028"	.028"
Timing Degrees BTDC	18° at 3000 RPM	18° at 3000 RPM	20° at 3000 RPM
Battery	12V 19A YB16CL-B	12V 19A YB16CL-B	12V 19A YB16CL-B
Starting System	Electric	Electric	Electric
Fuse	15A resettable circuit breaker	15A resettable circuit breaker	15A resettable circuit breaker
Propulsion			
Jet Pump Type	Single Stage Axial Flow	Single Stage Axial Flow	Single Stage Axial Flow
Impeller Rotation (viewed from rear)	Counterclockwise	Counterclockwise	Counterclockwise
Coupling Type	Rubber	Rubber	Rubber
Bilge Pump Type	Electric and Siphon	Electric and Siphon	Electric and Siphon
Minimum Water Level For Jet Pump	2 Feet (60cm)	2 Feet (60cm)	2 Feet (60cm)
Pivoting Angle	30°	30°	30°
Impeller Type	Progressive Pitch Stainless 4 Blade	Progressive Pitch Stainless 4 Blade	Progressive Pitch Stainless 3 Blade
Impeller Diameter	5.83" (14.8cm)	5.83" (14.8cm)	5.83" (14.8cm)
Reverse System	Option	Standard	N/A

"Multi-Function Display includes: Speedometer, Peak Speed, Peak RPM, Tachometer, Clock, Hour Meter, Oil Level, Trip Meter, Low Oil Warning, Fuel Level, Volts, Low Fuel Warning, Engine Overheat Warning

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	<u>1996 SL780</u>	<u>1996 SLX780</u>	<u>1996 SLT780</u>
Model Number	B964087 (1964087)	B964287 (1964287)	B964588 (1964588)
Dimensions/Materials/Capacities			
Length (inches)	105.5"	108.5"	120.3"
Width (inches)	45"	47.5"	49.3"
Height (inches)	39.5"	39.5"	39"
Dry Weight (lbs.)	499	499	595
Rider Capacity	2 person/400 lbs.	2 person/400 lbs.	3 person/500 lbs.
Rated Fuel Capacity including reserve	9.8	9.8	14.5
Fuel Reserve	Rev limit/Reserve @4200 RPM	Rev limit/Reserve @4200 RPM	Rev limit/Reserve @4200 RPM
Oil Reservoir Capacity (U.S. quarts)	3.5	3.5	5.5
Hull Material	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)
Full Throttle Cruising Range (Approx)	50 miles (80.45 km)	50 miles (80.45 km)	50 miles (80.45 km)
Side Rail Material	PVC	PVC	PVC
Front Bumper Material	TPO	TPO	TPO
Engine/Cooling			
Engine Model	EC78PWE02 or 03	EC78PWE04	EC78PWE02,03,or05
Engine Displacement	779cc	779cc	779cc
Engine Type (# Of Cylinders)	Fuji 2-Stroke (3)	Fuji 2-Stroke (3)	Fuji 2-Stroke (3)
Bore & Stroke	71.3mm x 65mm	71.3mm x 65mm	71.3mm x 65mm
Compression Ratio (Full Stroke)	11.85:1	11.85:1	11.85:1
Horsepower	90+ HP @ 6250 RPM	90+ HP @ 6250 RPM	90+ HP @ 6250 RPM
Cooling System	Water cooled	Water cooled	Water cooled
Thermostat Open	140° F (60° C)	140° F (60° C)	140° F (60° C)
Overheat/Low Oil Warning	Light (On @ 180°F)	Light (On @ 180°F)	Light (MFD) (On 180°F)
Induction Type	Case Reed	Case Reed	Case Reed
Lubrication	Oil Injected	Oil Injected	Oil Injected
Oil Type	Polaris TC-W3	Polaris TC-W3	Polaris TC-W3
RPM Limiter Operation	6700 RPM ±70	6700 RPM ±70	6700 RPM ± 70
Carburetion			
Carburetors (Mikuni)	3-38mm, 34mm venturi	3-38mm, 34mm venturi	3-38mm, 34mm venturi
Fuel Type	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)
Idle Speed (In Water)	1250±50	1250±50	1250±50
Electrical			
Magneto Generator Output	10 Amps / 120 watt at 4500 RPM	10 Amps / 120 watt at 4500 RPM	10 Amps / 120 watt at 4500 RPM
Ignition System	Digital Ignition	Digital Ignition	Digital Ignition
Spark Plug Type	NGK BPR8ES	NGK BPR8ES	NGK BPR8ES
Spark Plug Gap (inches)	.028"	.028"	.028"
Timing Degrees BTDC	28° at 3000 rpm (03=24°)	28° at 3000 rpm	28° at 3000 rpm (03/05=24°)
Battery	12V 19A YB16CL-B	12V 19A YB16CL-B	12V 19A YB16CL-B
Starting System	Electric	Electric	Electric
Fuse	15A resettable circuit breaker	15A resettable circuit breaker	15A resettable circuit breaker
Propulsion			
Jet Pump Type	Single Stage Axial Flow	Single Stage Axial Flow	Single Stage Axial Flow
Impeller Rotation	Counterclockwise	Counterclockwise	Counterclockwise
Coupling Type	Rubber	Rubber	Rubber
Bilge Pump Type	Electric and Siphon	Electric and Siphon	Electric and Siphon
Minimum Water Level For Jet Pump	2 Feet (60cm)	2 Feet (60cm)	2 Feet (60cm)
Pivoting Angle	30°	30°	30°
Impeller Type	Progressive Pitch Stainless 4 Blade	Progressive Pitch Stainless 3 Blade	Progressive Pitch Stainless 3 Blade
Impeller Diameter	5.83" (14.8cm)	5.83" (14.8cm)	5.83" (14.8cm)
Reverse System	Option	Option	Standard

-Multi-Function Display includes: Speedometer, Peak Speed, Peak RPM, Tachometer, Clock, Hour Meter, Oil Level, Trip Meter, Low Oil Warning, Fuel Level, Volts, Low Fuel Warning, Engine Overheat Warning

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	<u>1996 SL900</u>	<u>1996 SLTX</u>
Model Number	8964291 (1964291)	B964590 (1964590)
Dimensions/Materials/Capacities		
Length (inches)	108.5"	120.3"
Width (inches)	47.5"	49.3"
Height (inches)	39.5"	39"
Dry Weight (lbs.)	520	615
Rider Capacity	2 person/400 lbs.	3 person/500 lbs.
Rated Fuel Capacity including reserve	9.8	14.5
Fuel Reserve	Rev limit/Reserve @4200 RPM	TBA
Oil Reservoir Capacity (U.S. quarts)	3.5	5.5
Hull Material	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)
Full Throttle Cruising Range (Approx)	50 miles (80.45 km)	50 miles (80.45 km)
Side Rail Material	PVC	PVC
Front Bumper Material	TPO	TPO
Engine/Cooling		
Engine Model No.	WC90TCSP01	WC105TCSP01
Engine Displacement	889cc	1050cc
Engine Type (# Of Cylinders)	Polaris 2 Stroke (3)	Polaris 2 Stroke (3)
Bore & Stroke	74.5mm x 68mm	81mm x 68mm
Compression Ratio (Full Stroke)	11.01:1	12:1
Horsepower	100+ HP @ 6250 RPM	115+
Cooling System	Water cooled	Water cooled
Thermostat Open	140° F (60° C)	140° F (60° C)
Overheat Warning	Light On @ 160° F (71° C)	Light On @ 160° F (71° C)
Induction Type	Case Reed	Case Reed
Lubrication	Oil/Injected	Oil/Injected
Oil Type	Polaris TC-W3	Polaris TC-W3
RPM Limiter Operation	6700 RPM ± 70	6700 RPM ± 70
Carburetion		
Carburetors (Keihin)	3-38mm, CDK "	3-38mm, CDK II
Fuel Type	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)
Idle Speed (In Water)	1250±50	1250±50
Electrical		
Magneto Generator Output	5A / 60W at 4500 RPM	5A / 60W at 4500 RPM
Ignition System	Digital Ignition	Digital Ignition
Spark Plug Type	NGK BPR8ES	NGK BPR8ES
Spark Plug Gap (inches)	.028"	.028"
Timing Degrees BTDC	18°@3000	18°@3000
Battery	12V 19A YB16CL-B	12V 19A YB16CL-B
Starting System	Electric	Electric
Fuse	15A resettable circuit breaker	15A resettable circuit breaker
Propulsion		
Jet Pump Type	Single Stage Axial Flow	Single Stage Axial Flow
Impeller Rotation	Counterclockwise	Counterclockwise
Coupling type	Rubber	Rubber
Bilge Pump Type	Electric and Siphon	Electric and Siphon
Minimum Water Level For Jet Pump	2 Feet (60cm)	2 Feet (60cm)
Pivoting Angle	30°	30°
Impeller Type	Progressive Pitch Stainless 3 Blade	Progressive Pitch Stainless 3 Blade
Impeller Diameter	5.83" (14.8cm)	5.83" (14.8cm)
Reverse System	Option	Standard

* Multi-Function Display includes: Speedometer, Peak Speed, Peak RPM, Tachometer, Clock, Hour Meter, Oil Level, Trip Meter, Low Oil Warning, Fuel Level, Volts, Low Fuel Warning, Engine Overheat Warning

GENERAL INFORMATION

Model Specifications

Polaris reserves the right to change specifications at any time without incurring obligations.

	<u>1997 SL7QQ</u>	<u>1997 SL7QQ Deluxe</u>	<u>1997 SLT7QQ</u>
Model Number	B974071	B974072	B974572
Dimensions/Materials/Capacities			
Length (inches)	105.5" (268 cm)	105.5" (268 cm)	120.3" (306 cm)
Width (inches)	45" (114.3cm)	45" (114.3 cm)	49.3" (123.22cm)
Height (inches)	37.5" (95.25 cm)	37.5" (95.25 cm)	39" (99.06 cm)
Dry Weight (lbs.)	480 (218.4 kg)	485 (220.68 kg)	595 (269.89)
Rider Capacity	2 person/400 lbs.	2 person/400 lbs.	3 person/500 lbs.
Rated Fuel Capacity including reserve	12.5 U.S. Gal (47.3L)	12.5 U.S. Gal (47.3L)	15 U.S. Gal (56.8L)
Fuel Reserve	15 minutes	15 minutes	15 minutes
Oil Reservoir Capacity - U.S. quarts	3.5 (3.31L)	3.5 (3.31L)	5.5 (5.2L)
Hull Material	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)
Full Throttle Cruising Range (Approx)	61 miles (99 km)	61 miles (99 km)	68 miles (110 km)
Side Rail Material	PVC	PVC	PVC
Front Bumper Material	TPO	TPO	TPO
Engine/Cooling			
Engine Model No.	WC70SCSP01	WC70DCSP05	WC70DCSP05
Engine Displacement	700cc	700cc	700cc
Engine Type (# Of Cylinders)	Polaris 2-Stroke (2)	Polaris 2-Stroke (2)	Polaris 2-Stroke (2)
Bore & Stroke	81mmx68mm	81mm x 68mm	81mm x 68mm
Compression Ratio (Full Stroke)	11.5:1	10.4:1	10.4:1
Horsepower	82.5 HP @ 6200 RPM	85 HP @ 6350 RPM	85 HP @ 6350 RPM
Cooling System	Water cooled	Water cooled	Water cooled
Thermostat Open	140° F (60° C)	140° F (60° C)	140° F (60° C)
Overheat/Low Oil Warning	Buzzer (On @ 160° F)	Buzzer (On @ 160° F)	Buzzer (On @ 160° F)
Induction Type	Case Reed	Case Reed	Case Reed
Lubrication	Oil Injected	Oil Injected	Oil Injected
Oil Type	Polaris TC-W3	Polaris TC-W3	Polaris TC-W3
RPM Limiter Operation	6700 RPM ± 100	6700 RPM ± 100	6700 RPM ± 100
Carburetion			
Carburetors (Keihin)	1-40mm, CDK II	2-38mm, CDK II	2-38mm, CDK II
Fuel Type	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)
Idle Speed (In Water)	1250±50	1250±50	1250±50
Electrical			
Magneto Generator Output	5A / 60W at 4500 RPM	5A / 60W at 4500 RPM	5A / 60W at 4500 RPM
Ignition System	Digital COI	Digital CDI	Digital COI
Spark Plug Type	NGK BPR8ES	NGK BPR7ES	NGK BPR8ES
Spark Plug Gap (inches)	.028"	.028"	.028"
Timing Degrees BTDC	18° at 3000 RPM	18° at 3000 RPM	18° at 3000 RPM
Battery	12V 19A YB16CL-B	12V 19A YB16CL-B	12V 19A YB16CL-B
Starting System	Electric	Electric	Electric
Fuse	15A resettable circuit breaker	15A resettable circuit breaker	15A resettable circuit breaker
Propulsion			
Jet Pump Type	Single Stage Axial Flow	Single Stage Axial Flow	Single Stage Axial Flow
Impeller Rotation (viewed from rear)	Counterclockwise	Counterclockwise	Counterclockwise
Coupling Type	Rubber	Rubber	Rubber
Bilge Pump Type	Electric	Electric	Electric
Minimum Water Level For Jet Pump	2 Feet (60cm)	2 Feet (60cm)	2 Feet (60cm)
Pivoting Angle	3D°	30°	30°
Impeller Type	Progressive Pitch Stainless 3 Blade 12-17 Swirl	Progressive Pitch Stainless 3 Blade 12-17 Swirl	Progressive Pitch Stainless 3 Blade 12-17 Swirl
Impeller Diameter	5.83" (14.8cm)	5.83" (14.8cm)	5.83" (14.8cm)
Reverse System	Option	Option	Option

* Multi-Function Display includes: Speedometer, Peak Speed, Peak RPM, Tachometer, Clock, Hour Meter, Oil Level, Trip Meter, Low Oil Warning, Fuel Level, Volts, Low Fuel Warning, Hot Engine Warning

GENERAL INFORMATION

Model Specifications

Polaris reserves the right to change specifications at any time without incurring obligations.		<u>1997 Hurricane</u>	<u>1997 SL78Q</u>	<u>1997 SLT78Q</u>
Model Number	.	B974473	B974088	B974588
Dimensions/Materials/Capacities				
Length (inches)	.	104.8" (266.2 cm)	105.5" (268 cm)	120.3" (305.56 cm)
Width (inches)	.	37.5" (95.25 cm)	45" (114.3 cm)	49.3" (125.22 cm)
Height (inches)	.	40.8" (103.6 cm)	39.5" (100.33 cm)	39" (99.06 cm)
Dry Weight (lbs.)	.	480 (218.4 kg)	499 (226.3 kg)	605 (274.42 kg)
Rider Capacity	.	2 person/350 lbs.	2 person/400 lbs. (182 kg)	3 person/500 lbs. (227 kg)
Rated Fuel Capacity including reserve	.	8.6 U.S. Gal (32.6L)	12.5 (47.3l)	15 (56.78l)
Fuel Reserve	.	15 minutes	15 minutes	15 minutes
Oil Reservoir Capacity - U.S. quarts	.	3.5 (3.31L)	3.5 (3.31L)	5.5 (5.2l)
Hull Material	.	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)
Full Throttle Cruising Range (Approx)	.	53 miles (85 km)	65 miles (104.6 km)	80 miles (128.75 km)
Side Rail Material	.	PVC	PVC	PVC
Front Bumper Material	.	TPO	TPO	TPO
Engine/Cooling				
Engine Model	.	WC70DCSP04	EC78PWE03	EC78PWE03
Engine Displacement	.	700cc	779cc	779cc
Engine Type (# Of Cylinders)	.	Polaris 2-Stroke (2)	Fuji 2-Stroke (3)	Fuji 2-Stroke (3)
Bore & Stroke	.	81mm x 68mm	71.3mm x 65mm	71.3mm x 65mm
Compression Ratio (Full Stroke)	.	11.5:1	11.85:1	11.85:1
Horsepower	.	90 HP @ 6700 RPM	93 HP @ 6250 RPM	93 HP @ 6350 RPM
Cooling System	.	Water cooled	Water cooled	Water cooled
Thermostat Open	.	140° F (60° C)	140° F (60° C)	140° F (60° C)
Overheat/Low Oil Warning	.	Light (MFD)(On@160°F)	4200 Rev Limit @ 180°F	4200 Rev Limit @ 180°F
Induction Type	.	Case Reed	Case Reed	Case Reed
Lubrication	.	Oil Injected	Oil Injected	Oil Injected
Oil Type	.	Polaris TC-W3	Polaris TC-W3	Polaris TC-W3
RPM Limiter Operation	.	7200 RPM ± 100	6700 RPM ± 70	6700 RPM ± 70
Carburetion				
Carburetors (Mikuni)	.	2-38mm, CDK II	3-38mm/34mm venturi Mikuni	3-38mm/34mm venturi Mikuni
Fuel Type	.	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)
Idle Speed (In Water)	.	1350±50	1250±50	1250±50
Electrical				
Magneto Generator Output	.	5A / 60W at 4500 RPM	10 Amps / 120 watt at 4500 RPM	10 Amps / 120 watt at 4500 RPM
Ignition System				
Spark Plug Type	.	Digital COI	Digital Ignition	Digital Ignition
Spark Plug Gap (inches)	.	NGK BPR8ES	NGK BPR8ES	NGK BPR8ES
Spark Plug Gap (inches)	.	.028"	.028"	.028"
Timing Degrees BTDC	.	20° at 3000 RPM	24° at 3000 rpm	24° @ 3000 rpm
Battery	.	12V 19A YB16CL-B	12V 19A YB16CL-B	12V 19A YB16CL-B
Starting System	.	Electric	Electric	Electric
Fuse	.	15A resettable circuit breaker	15A resettable circuit breaker	15A resettable circuit breaker
Propulsion				
Jet Pump Type	.	Single Stage Axial Flow	Single Stage Axial Flow	Single Stage Axial Flow
Impeller Rotation	.	Counterclockwise	Counterclockwise	Counterclockwise
Coupling Type	.	Rubber	Rubber	Rubber
Bilge Pump Type	.	Electric	Electric	Electric
Minimum Water Level For Jet Pump	.	2 Feet (60cm)	2 Feet (60cm)	2 Feet (60cm)
Pivoting Angle	.	30°	30°	30°
Impeller Type	.	Progressive Pitch Stainless 3 Blade	Progressive Pitch Stainless 4 Blade	Progressive Pitch Stainless 3 Blade
Impeller Diameter	.	5.83" (14.8cm)	5.83" (14.8cm)	5.83" (14.8cm)
Reverse System	.	N/A	Option	Standard

*Multi-Function Display includes: Speedometer, Peak Speed, Peak RPM, Tachometer, Clock, Hour Meter, Oil Level, Trip Meter, Low Oil Warning, Fuel Level, Volts, Low Fuel Warning, Hot Engine Warning

GENERAL INFORMATION

Model Specifications

Polaris reserves the right to change specifications at any time without incurring obligations.

	<u>1997 SL900</u>	<u>1997 SL 1050</u>	<u>1997 SLTX</u>
Model Number	B974091	B974090	B974590
Dimensions/Materials/Capacities			
Length (inches)	108.5" (276 cm)	108.5" (276 cm)	120.3" (305.56 cm)
Width (inches)	47.5" (120.65)	47.5" (120.65)	49.3" (125.22 cm)
Height (inches)	39.5" (100.33 cm)	39.5" (100.33 cm)	39" (99.06 cm)
Dry Weight(lbs.)	520 (236.08 kg)	520 (236.08 kg)	615 (278.96 kg)
Rider Capacity	2 person/400 lbs. (182 kg)	2 person/400 lbs. (182 kg)	3 person/500 lbs.
Rated Fuel Capacity including reserve	12.5 (47.31)	12.5 (47.31)	15 (56.781)
Fuel Reserve	N/A	N/A	N/A
Oil Reservoir Capacity - U.S. quarts	3.5 (3.31 L)	3.5 (3.311)	5.5 (5.201)
Hull Material	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)
Full Throttle Cruising Range (Approx)	50 miles (80.45 km)	40 miles (64.37 km)	55 miles (88.5 km)
Side Rail Material	PVC	PVC	PVC
Front Bumper Material	TPO	TPO	TPO
Engine/Cooling			
Engine Model No.	WC90TCSP01	WC105TCSP02	WC105TCSP03
Engine Displacement	900cc	1050cc	1050cc
Engine Type (# Of Cylinders)	Polaris 2 Stroke (3)	Polaris 2 Stroke (3)	Polaris 2 Stroke (3)
Bore & Stroke	74.5mm x 68mm	81mm x 68mm	81mm x 68mm
Compression Ratio (Full Stroke)	12:1	12:1	12:1
Horsepower	107 HP @ 6350 RPM	119 HP @ 6500	119 @ 6500
Cooling System	Water cooled	Water cooled	Water cooled
Thermostat Open	140° F (60° C)	140° F (60° C)	140° F (60° C)
Overheat Warning	Light On @ 160° F (71° C)	4500 Rev Limit @ 160°F (71°C)	4500 Rev Limit @ 160°F (71°C)
Induction Type	Case Reed	Case Reed	Case Reed
Lubrication	Oil Injected	Oil Injected	Oil Injected
Oil Type	Polaris TC-W3	Polaris TC-W3	Polaris TC-W3
RPM Limiter Operation	6800 RPM ± 100	6800 RPM ± 100	6800 RPM ± 100
Carburetion			
Carburetors (Keihin)	3-38mm, CDK II	3-40mm, CDK II	3-38mm, CDK II
Fuel Type	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)
Idle Speed (In Water)	1200-1300	1200-1300	1250±50
Electrical			
Magneto Generator Output	5A /60W at 4500 RPM	5A /60W at 4500 RPM	5A /60W at 4500 RPM
Ignition System	Digital / Sequential Ignition	Digital/ Sequential Ignition	Digital/ Sequential Ignition
Spark Plug Type	NGK BPR8ES	NGK BPR8ES	NGK BPR8ES
Spark Plug Gap (inches)	.028"	.028"	.028"
Timing Degrees BTDC	18°@3000	18°@3000	18°@3000
Battery	12V 19A YB16CL-B	12V 19A YB16CL-B	12V 19A YB16CL-B
Starting System	Electric	Electric	Electric
Fuse	15A resettable circuit breaker	15A resettable circuit breaker	15A resettable circuit breaker
Propulsion			
Jet Pump Type	Single Stage Axial Flow-4" Ext	Single Stage Axial Flow-4" Ext	Single Stage Axial Flow-4" Ext
Impeller Rotation	Counterclockwise	Counterclockwise	Counterclockwise
Coupling type	Rubber	Rubber	Rubber
Bilge Pump Type	Electric	Electric	Electric
Minimum Water Level For Jet Pump	2 Feet (60cm)	2 Feet (60cm)	2 Feet (60cm)
Pivoting Angle	30°	30°	30°
Impeller Type	Progressive Pitch Stainless 3 Blade	Progressive Pitch Stainless 3 Blade	Progressive Pitch Stainless 3 Blade
Impeller Diameter	5.83" (14.8cm)	5.83" (14.8cm)	5.83" (14.8cm)
Reverse System	Option	Option	Standard

*Multi-Function Display includes: Speedometer, Peak Speed, Peak RPM, Tachometer, Clock, Hour Meter, Oil Level, Trip Meter, Low Oil Warning, Fuel Level, Volts, Low Fuel Warning, Hot Engine Warning

GENERAL INFORMATION

Model Specifications

Polaris reserves the right to change specifications at any time without incurring obligations.

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'Multi-Function Display includes: Speedometer, Peak Speed, Peak RPM, Tachometer, Clock, Hour Meter, Oil Level, Trip Meter, Low Oil Warning, Fuel Level, Volts, Low Fuel Warning, Hot Engine Warning

GENERAL INFORMATION

Model Specifications

Polaris reserves the right to change specifications at any time without incurring obligations.

	<u>1998 SLXH</u>	<u>1998 SLTX</u>
Model Number	B984690	B984590
Dimensions/Materials/Capacities		
length (inches)	108.5" (276 cm)	120.3" (305.56 cm)
Width (inches)	47.5" (120.65)	49.3" (125.22 cm)
Height (inches)	39.5" (100.33 cm)	39" (99.06 cm)
Dry Weight (lbs.)	530 (241 kg)	615 (279 kg)
Rider Capacity	2 person/400 lbs. (182 kg)	3 person/500 lbs. (227 kg)
Rated Fuel Capacity including reserve	12.5 U.S. Gal (47.3l)	15 (56.8l)
Fuel Reserve	N/A	N/A
Oil Reservoir Capacity - U.S. quarts	5 (4.73l)	5.5 (5.20l)
Hull Material	Sheet Molded Compound (SMC)	Sheet Molded Compound (SMC)
Full Throttle Cruising Range (Approx)	40 miles (64.37 km)	55 miles (88.5 km)
Side Rail Material.	PVC	PVC
Front Bumper Material	TPO	TPO
Engine/Cooling		
Engine Model No.	WC105TCSP-05	WC105TCSP-04
Engine Displacement	1050cc	1050cc
Engine Type (# Of Cylinders)	Polaris 2 Stroke (3)	Polaris 2 Stroke (3)
Bore & Stroke	81mmx 68mm	81mm x 68mm
Compression Ratio (Full Stroke)	10.4:1	10.4:1
Horsepower	120 HP @ 6500	120 @ 6500
Cooling System	Water cooled	Water cooled
Thermostat Open	140° F (60° C)	140° F (60° C)
Overheat Warning	4500 Rev limit @ 160°F (71 °C)	4500 Rev Limit @ 160°F (71 °C)
Induction Type	Case Reed	Case Reed
lubncation	Oil Injected	Oil Injected
Oil Type.. . . .	Polaris TC-W3	Polaris TC-W3
RPM Limiter Operation	6800 RPM ± 100	6800 RPM ± 100
Carburetion		
Carburetors (Keihin)	3-40mm, CDK II	3-40mm, CDK II
Fuel Type	RegUlar Unleaded Gasoline (87 Octane or 89 if oxygenated)	Regular Unleaded Gasoline (87 Octane or 89 if oxygenated)
Idle Speed (In Water)	1350150	1350±50
Electrical		
Magneto Generator Output	5A / 60W at 4500 RPM	5A /60W at 4500 RPM
Ignition System	Digital/ Sequential Ignition	Digital/ Sequential Ignition
Spark Plug Type	NGK BPR8ES	NGK BPR8ES
Spark Plug Gap (inches)028"	.028"
Timing Degrees BTDC	18°+0,-2 @3000 11°+0,-2 @6250	18°+0,-2 @3000 11°+0,-2 @6250
Battery	12V 19A YB16CI-B	12V 19A YB16CI-B
Starting System	Electric	Electric
Fuse.	15A resettable circuit breaker	15A resettable circuit breaker
Propulsion		
Jet Pump Type.	Single Stage Axial Flow-4" Ext	Single Stage Axial Flow-4" Ext
Impeller Rotation	Counterclockwise	Counterclockwise
Coupling type	Rubber	Rubber
Bilge Pump Type	Electric	Electric
Minimum Water level For Jet Pump	2 Feet (60cm)	2 Feet (60cm)
Pivoting Angle	30°	30°
Impeller Type	Progressive Pitch Stainless 3 Blade	Progressive Pitch Stainless 3 Blade
Impeller Diameter	5.83" (14.8cm)	5.83" (14.8cm)
Reverse System	N/A	Standard

'Multi-Function Display includes: Speedometer, Peak Speed, Peak RPM, Tachometer, Clock, Hour Meter, Oil Level, Trip Meter, Low Oil Warning, Fuel Level, Volts, Low Fuel Warning, Hot Engine Warning, Compass (SLTX only)