



### **EXTREME**

LIGHTER AND STRONGER. MORE AGILE AND IMPROVED BEHAVIOUR. IT IS TIME TO MEET

IT RIDES LIKE A SPORTS SLED AND FLOATS LIKE A WIDE-TRACK. IT TOWS AND CARRIES. IT'S RUGGED, DEPENDABLE, CONTEMPORARY

Recipe for true versatility: easy handling, great riding ergonomy, good wind protection and large, adaptable cargo space. Thanks to the rugged design, the Commander will withstand the beating of what will become your greatest winter memories.

### **EASYRIDE REAR SUSPENSION**

The name says it all. EasyRide rear suspension provides performance and comfort. Its simple structure prevents snow buildup ensuring consistent performance and great deep snow capability in varying conditions. The unique extension mechanism maximizes traction and facilitates reversing in deep snow. The 500 mm wide, large footprint track offers good flotation and a great deal of grip. The long and wide track also provides stability.

### **EFFICIENT COOLING SYSTEM**

Tunnel cooling combined with a front radiator, equipped with an electric fan, keeps the engine temperature at an optimal level even when riding at a slow

### THREE ENGINE OPTIONS

The three Rotax engine options offer class-leading power and fuel efficiency. Rotax 600R E-TEC / Rotax 900 ACE / Rotax 900 ACE Turbo







### **MODULAR SEAT**

The modular seat is ergonomic and comfortable even for long rides. Thanks to the slim front part design the seat doesn't get in the way in active riding. Convenient storage compartment is located under the passenger seat\*. The Commander Grand Tourer model comes with heated seat as standard.

### **NEW 2F/N/R GEARBOX**

The lower gear ratio of the easy-shifting two-speed gearbox facilitates pulling of heavy loads and riding on harsh terrain. Reverse is activated electromechanically with a push

### **ULTIMATE COLD SHIELD**

The extra-high windshield provides excellent protection against the elements.

### **VERSATILE CARGO SOLUTIONS**

The new Multi-LinQ attachment plate allows LinQ accessories to be used in Commander snowmobiles with even more versatility than before. With multiple attachment points, it fits with LinQ accessories with both wide- and narrow track dimensioning.

\* Passenger seat available as an accessory for the Commander 600R E-TEC model.





### PPS<sup>2</sup>

The PPS<sup>2</sup> rear suspension is made for hard use and a smooth ride. It is the suspension choice for sports sleds as well as sporty crossover and aggressive deep snow riding.



### PPS<sup>2</sup> DS

The PPS<sup>2</sup> DS rear suspension offers balanced performance in varying deep snow conditions. It also has great characteristic in trail riding.



### PPS<sup>2</sup> DS+

The PPS<sup>2</sup> DS+ rear suspension has been designed for the deepest snow and steepest climbs. Its simple and light structure prevents snow buildup ensuring consistent performance and agility in varying snow conditions. Shallow angle of attack facilitates flotation in deep snow.



### **EASYRIDE**

The EasyRide rear suspension provides performance and comfort in versatile use. Its simple structure prevents snow buildup ensuring consistent performance and great deep snow capability in varying conditions. The unique extension mechanism maximizes traction and facilitates reversing in deep snow. The version equipped with quick-adjustment provides even more adaptability. You can easily adjust the suspension functionality for solo riding, cruising with passanger or towing a sleigh.



### PPS-5900-A, PPS-6900-A AND PPS-6900-F

The 500 mm and 600 mm wide versions of the PPS rear suspension are designed for heavy duty tasks including pulling heavy loads and carrying cargo. The PPS-6900-F version on the 69 Ranger Alpine has been designed for capacity, traction and stability in steep climbs where there is no room for hesitation.

# ES Z ES

## SOOR E-TEC.



### **ROTAX E-TEC® ENGINES**

### 2-STROKE

E-TEC direct-injection engine technology delivers the most sought-after attributes in the snowmobile industry – adrenaline-surging power, light weight, and recognized reliability. You also get the best ownership experience with:

- Industry-leading fuel economy<sup>1</sup>
- Excellent oil economy
- Virtually no smoke or smell
- Light, linear throttle pull
- Automatic summerization process

### 850 E-TEC

165 horsepower<sup>1</sup>

### **600R E-TEC**

• 125 horsepower<sup>1</sup>

E-TEC engines are the best-selling 2-stroke engines in snowmobiling<sup>3</sup>

### **ROTAX ACE™ ENGINES**

### 4-STROKE

With the Advanced Combustion Efficiency (ACE) family of engines, BRP engineers optimized the combustion system, reduced mechanical friction, and freed intake and exhaust breathing. The result is the most efficient engines in snowmobiling. Not only are they efficient, they're a pleasure to operate and own. Very little maintenance is required; they run smoothly and produce a nice, solid – yet quiet – sound.

### 900 ACE TURBO WITH ITC

- Rotax-designed turbocharger
- 150 horsepower<sup>2</sup>
- Up to 12.1 L/100 km<sup>4</sup>

### 900 ACE WITH ITC

- 3 cylinders
- 95 horsepower<sup>2</sup>
- Up to 10.8 L/100 km<sup>4</sup>

### **600 ACE WITH ITC**

- 2 cylinders
- 62 horsepower<sup>2</sup>
- Up to 8 L/100 km the most fuel-efficient in the entire industry<sup>4</sup>

ACE engines are the best-selling 4-stroke engines in snowmobiling.<sup>3</sup>

### INTELLIGENT THROTTLE CONTROL (ITC)

Standard on the ACE engines, the iTC<sup>™</sup> system delivers a whole different snowmobiling experience.

- Driving Modes: A button on the console enables you to select one of three driving modes. Standard mode ensures a smooth start
  and linear acceleration; Sport enables full performance and quicker acceleration; ECO° limits top speed and acceleration rates for a
  more relaxed, fuel-conserving ride.
- Finger Throttle: The throttle block can be rotated forward for use as a finger throttle, if preferred. Great for changing hand positions on a long ride and for more control in bumps.



For the best performance and longevity, use XPS® oils. They're the only oils developed and tested by BRP powertrain engineers to match the unique needs of our Rotax engines.





1 Observed metric horsepower based on internal dyno test performed in optimal conditions. 2 Data based on internal engineering trail testing.

 $3\ \textsc{Based}$  on retail sale results as of December 31, 2018.

4 Data based on internal engineering trail testing in ECO mode.



### **COMMANDER**

**ENGINES 600R E-TEC, 900 ACE, 900 ACE Turbo** TRACK DIMENSIONS 500 x 3923 x 44 mm SKI STANCE 996 mm **SHOCK ABSORBERS HPG 36** SUSPENSION LFS (bended lower A-arms), EasyRide with adjustment (Deep Snow Comfort calibration) FEATURES Multi-LinQ cargo plate, Heavy-duty front bumper, Air radiator with fan

### **COMMANDER LIMITED**



### **COMMANDER GRAND TOURER**





### **XTERRAIN 3700/3900**

**ENGINE 600R E-TEC TRACK DIMENSIONS 406 x 3705/3923 x 51 mm** SKI STANCE 996 mm **SHOCK ABSORBERS HPG 36 SUSPENSION** LFS, PPS<sup>2</sup>-DS (Trail calibration)



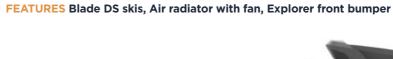
### **XTERRAIN RE 3700/3900**

**ENGINES 600R E-TEC, 850 E-TEC, 900 ACE Turbo TRACK DIMENSIONS 406 x 3705/3923 x 51 mm** SKI STANCE 996 mm, 900 ACE Turbo 1080 mm SHOCK ABSORBERS KYB 40 HLCR Kashima front / KYB 46 HLCR Kashima centre and rear **SUSPENSION LFS, PPS<sup>2</sup> (Enduro calibration)** 



### **XTERRAIN PRO 3900**

**ENGINES 600R E-TEC, 850 E-TEC** TRACK DIMENSIONS 400 x 3912 x 64 mm SKI STANCE 921 mm **SHOCK ABSORBERS HPG 36** SUSPENSION LFS, PPS<sup>2</sup>-DS (Trail calibration)









### **XTRIM**

**ENGINE 600 ACE** TRACK DIMENSIONS 406 x 3705 x 39 mm SKI STANCE 996 mm **SHOCK ABSORBERS HPG 36 SUSPENSION LFS, PPS<sup>2</sup> (Trail Sport calibration) FEATURES** Heavy-duty rear bumper

XTRIM SC **ENGINE 900 ACE** TRACK DIMENSIONS 406 x 3705 x 39 mm SKI STANCE 996 mm SHOCK ABSORBERS KYB 36 R front / KYB 36 centre / KYB 46 rear **SUSPENSION LFS, PPS<sup>2</sup> (Trail Sport calibration)** FEATURES Hitch, Heavy-duty rear bumper, Air radiator with fan reddot design award

### **XTRIM LX**





### **BOONDOCKER 3900**

**ENGINE 600R E-TEC** TRACK DIMENSIONS 400 x 3912 x 64 mm SKI STANCE 921 mm **SHOCK ABSORBERS HPG 36** SUSPENSION LFS, PPS<sup>2</sup> RADIEN DS+ (Deep Snow Sport calibration) FEATURES NEW Blade DS+ skis, Short tunnel and rear axle snow guard

### **BOONDOCKER RE 3700/3900**

**ENGINE 850 E-TEC TRACK DIMENSIONS** 406 x 3705 x 64/400 x 3912 x 64 mm SKI STANCE 996 mm SHOCK ABSORBERS KYB 36R Kashima front / KYB 46 HLCR Kashima centre and rear **SUSPENSION LFS, PPS<sup>2</sup> (Aggressive Deep Snow calibration) FEATURES NEW Blade DS+ skis** 





**ENGINE 850 E-TEC TRACK DIMENSIONS** 400 x 3912 x 76/400 x 4178 x 76 mm SKI STANCE 921 mm **SHOCK ABSORBERS KYB 36 Kashima SUSPENSION LFS, PPS<sup>2</sup> RADIEN DS+ (Deep Snow Sport calibration)** FEATURES NEW Blade DS+ skis, Short tunnel and rear axle snow guard 



### **RAVE RE**



### **RAVE ENDURO SPRING ONLY**

ENGINE 600R E-TEC
TRACK DIMENSIONS 381 x 3269 x 41 mm
SKI STANCE 1080 mm
SHOCK ABSORBERS KYB 40 HLCR Kashima front /
KYB 46 HLCR Kashima centre and rear
SUSPENSION LFS, PPS² (Enduro calibration)
FEATURES Racing-type
frame reinforcements,
Racing-type brake,
Stripped-down front panels,
slip gear readiness



### **49 RANGER**

ENGINE 600 ACE
TRACK DIMENSIONS 406 x 3923 x 39 mm
SKI STANCE 996 mm
SHOCK ABSORBERS HPG 36
SUSPENSION LFS (bended lower A-arms), EasyRide (Deep Snow calibration)
FEATURES Air radiator with fan

### **49 RANGER ST**



### **49 RANGER PRO**





### **69 RANGER**

**ENGINE 900 ACE** TRACK DIMENSIONS 600 x 3968 x 32 mm SKI STANCE 996 mm SHOCK ABSORBERS HPG 36 front and rear / HPG 25 centre SUSPENSION A-LFS+ (bended A-arms), PPS-6900-A (Utility Comfort calibration) FEATURES 2F/N/R gearbox, Modular seat with heating, Adjustable handlebar riser, Air radiator with fan

### **69 RANGER SNOW CRUISER**

**ENGINE 900 ACE** TRACK DIMENSIONS 600 x 3968 x 32 mm SKI STANCE 996 mm SHOCK ABSORBERS HPG 36 front and centre / ECS2 rear **SUSPENSION A-LFS+ (bended A-arms),** PPS-6900-A (Utility Comfort calibration) **FEATURES** Luxury 2-up Modular seat with heating, Ctek charger plug

### **69 RANGER ALPINE**

**ENGINE 1200 4-TEC** TRACK DIMENSIONS 600 x 3968 x 32 mm SKI STANCE 1102 mm **SHOCK ABSORBERS HPG 36 (2 rear shocks)** SUSPENSION A-LFS, PPS-6900-F (Heavy-Duty Utility calibration) FEATURES 2-up Modular Light seat, Studded track, Ctek charger plug, 800 mm wide rear cargo rack, Heavyduty front bumper, Readiness for Alpine accessories

LYNX 2020	DEEP SNOW SPORT							CROSSOVER						CROSSOVER						PORT					UTILITY			
-	BoonDocker					Xterrain					22.5	Xtrim				Commander			I I	Rave		49 Ranger			69 Ranger	- 0	59 YETI	
						SPRING ONLY															SPRING ONLY							
MODEL	3900	DS 3900	DS 4100	RE 3700	RE 3900	RE 3900 (short tunnel)	3700	3900 P	RO 3900 RE	E 3700 RE	3900 RE 37	0 Turbo		LX	sc	RE		Limited	Grand Tourer	RE	Enduro		PRO	ST	Alpine		Snow Cruiser	
COLOUR	Black	Race Orange/Cyan, Black (spring only)	Race Orange/Cyan, Black (spring only)	Sunburst Yellow/Grey	Sunburst Yellow/Grey	Sunburst Yellow/Grey	Black/Grey Bla	ck/Grey Bl		.	a Green/ Manta Grey (	Green/ V rey	/iper Red/ Black	Viper Red/ Black	Viper Red/ Black	Sunburst Yellow/Grey	Race Orange/ Grey	Race Orange Grey	Viper Red/Gre	y Viper Red/Black	Viper Red/Black	White/Orange	White/Orange	White/Orange	White/Orange	White/Orange	Orange/Black	Red/Black
ENGINE	600R E-TEC	850 E-TEC	850 E-TEC	850 E-TEC	850 E-TEC	850 E-TEC	600R E-TEC 600				R E-TEC 900 A	E Turbo 6	600 ACE	600 ACE	900 ACE	850 E-TEC	600R E-TEC 900 ACE 900 ACE Turbo	900 ACE	900 ACE 900 ACE Turbo	600R E-TEC 850 E-TEC	600R E-TEC	600 ACE	600R E-TEC 900 ACE	900 ACE	1200 4-TEC	900 ACE	900 ACE	600 ACE
FEATURES																												
Frame	Radien								Radien		Ra	ien-X		Radien-X		Radien		Radien-X		F	Radien		Radien-X			L-XU		L-XU
Skis	Blade DS+						Blade XC 3900: Blade DS (spr		Blade DS	Bla	ade XC			Blade XC		Blade DS		Blade XC		ВІ	ade XC		Blade DS			Blade XC		Blade XC
Seating	BoonDocker, 1-up						Sport, 1-up					Sport, 1-up BoonDocker, 1-up			Modular, 1-up Modular, 1+1 Luxury Modula 1+1 with heating		Sport, 1-up		2-up light 2-up		Modular, 1+1	Modular, 1-up heated	Luxury Modular 1+ with heating	1 Modular 1-up				
Handlebar	U-type aluminium with hooks, low mountain strap							U-type aluminium with hooks, low mountain strap					Straight steel with hooks U-type aluminium with hooks				U-type steel, U-type steel mountain strap		U-type aluminium with hooks		U-type steel with hooks, mountain strap		U-type steel with hooks, mountain strap		U-type steel with hooks, mountain strap			
Riser block height	140 mm					140 mm			120 mm			120 mm				140 r	mm	Adjustable 125 165 mm	- 120 mm	90 mm		140 mm		130 mm	Adjustable 130-205 mm	Adjustable 130-205 mm	130 mm	
Starter	Manual Manual, Manual with SHOT Manual, Manual with SHOT SHOT (spring only)  Manual With SHOT SHOT (spring only)					Manual, Electric and manual Ele Electric (spring only)				ctric	Electric Manual, SHOT (spring only)			Electric	Electric (900 ACE) Electric and manual (600R E-TEC)		Manual, Manual Electric (spring only)		Electric Electric Electric (900 ACE) Electric and manual (600R E-TEC)			Electric		Electric				
Reverse	RER							RER Electro- mechanical					Mechanical RER				RER (600R E-TEC) Electro- Electromechanical (ACE) mechanical		RER	Mechanical RER Mechanical (600R E-TEC) Mechanical (900 ACE)			Mechanical (2F-N-f	?)	Mechanical (2F-N-R)			
Gauge Mirrors	Compact							4.5-in. digital display 7.2-in. wide digital display					4.5-in. digital Compact 7.2-in. wide digital display digital				4.5-in. digital 7.2-in. wide digital display display  Standard		7.2-in. wide digital display		4.5-in. digital 7.2-in. wide digital display display Standard		Multifunction	Analog with display  Standard	Multifunction	Analog with display		
Windshield							Medium with side deflectors Low					Medium with side deflectors Extra low				Extra high with side deflectors			Extra low		Extra high with side deflectors		High (510 mm), one piece		High (510 mm), one piece			
Hitch															Standard			Standard					Standard			Standard		Standard
Visor Plug front / rear							Front						Front			Front Front/Rear				Front		Front						
12V power outlet	Yes, in front compartment						Yes, in front compartment						Yes, in front compartment				Front, Rear (as accessory)			Yes, in front compartment		Yes, in front compartment		Front			Front	
Air radiator with fan							Yes						Yes				Yes					Yes		Yes			Yes	
SUSPENSION													. =-				150			150		l re		ALIES ALIES				
Front suspension Front shock	LFS  3900: HPG 36  KYB 36R Kashima						LFS HPG 36 KYB 40 HLCI				ILCR Kashima		LFS HPG 36 KYB 36R KYB 40			KYB 40	LFS LFS with bended lower A-Arms  HPG 36 KYB 36 R		LFS KYB 40 HLCR Kashima		LFS with bended lower A-Arms HPG 36		A-LFS A-LFS+ with bended lower A-Arms  HPG 36		LTS MC			
		DS: KYB 36 Kashima											DDC/ 7700 DDC/ 7701		HLCR Kashima		5.5:		DDC2 7500		5.50							
Rear suspension		PPS <sup>2</sup> DS+		PPS <sup>2</sup> -DS  KYB 46 HLCR Kashima			PPS <sup>2</sup> -								PPS <sup>2</sup> -3700 PPS <sup>2</sup> -3500		EasyRide HPG 36 KYB 46		PPS <sup>2</sup> -3500 PPS <sup>2</sup> -3300		EasyRide		PPS-6900-F		6900-A	PPS-5900-A		
Center shock	HPG 36	KYB 36 K	Kasnima	NTD 40 DECK Nashiilild			HPG 36			KYB 46 HLCR Kashima			HPG 36		KYB 36 KYB 46 HLCR Kashima		HPG 36 KYB 46 Kashima		KYB 46 HLCR Kashima		HPG 36		HPG 36	HPG 25	HPG 36	HPG 25		
Rear shock	HPG 36	KYB 36 Kashima KYB 46 HLCR Kashima				HPG 36 KYB 46 HLCR Ka				ILCR Kashima		HPG 36 K			KYB 46 HLCR Kashima	HPG 36 KYB 46 Kashima		KYB 46 HLCR Kashima		HPG 36		2 x HPG 36	HPG 36	ECS2	HPG 25			
MEASUREMENTS								,																				
Ski stance	921 mm 996 mm 921 mm				996 mm 921 mm 996 mm 1080 mm			) mm	996 mm 1080 mm 996 mm			996 mm 1080 mm		1080 mm		996 mm 921 mm (600R 996 mm E-TEC) 996 mm (900 ACE)		1102 mm 996 mm		900 mm								
Track nominal width		400 mm		406 mm	400	mm	406 mm	-	400 mm	40	06 mm		406 mm	381 mm	406	mm		500 mm		3	81 mm		406 mm			600 mm		500 mm
Track nominal length	3912	mm	4178 mm	3705 mm	3912	? mm	3705 mm 39	23 mm 3	3912 mm 37	'05 mm 392	23 mm 370	5 mm 3	3705 mm	3489 mm	3705 mm	3487 mm		3923 mm		3487	3269	3923 mm	4	141 mm		3968 mm		3923 mm
Track profile height	64 mm PowderMax Light 76 mm PowderMax Light FlexEdge 64 mm PowderMax FlexEdge 3900: 64 mm PowderMax Light FlexEdge (spring only)					51 mm PowderMax 3900: 64 mm PowderMax Light FlexEdge (spring only)  FlexEdge				39	39 mm DSG 34 mm 39 mm DSG 59 mm Cobra PowderMax			44 mm 38 mm				41 mm Cobra 38 mm Ice Cobra studded (spring only)		39 mm DSG Flex 59 mm Powder 39 mm DSG Flex Max FlexEdge		32 mm Ice Ripper (studded)			32 mm			
Fuel tank	37 liters					37 liters						37 liters				41 liters			3	37 liters		37 liters		40 liters		40 liters		
Oil tank capacity (2-stroke)	3,4 liters						3,4 liters -						-	-	-	3,4 liters	3,4 liters -			3,	4 liters		-			-		

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