

	Vitpilen 401	Svartpilen 401	Svartpilen 125
Engine			
Engine type	Single cylinder, 4-stroke	Single cylinder, 4-stroke	Single cylinder, 4-stroke
Displacement	373 ccm	373 ccm	125 ccm
Bore/stroke	89/60 mm	89/60 mm	58/47.2 mm
Power	32 kW (44 hp) @ 9,000 rpm	32kW (44 hp) @ 9,000 rpm	11kW (15 hp) @ 9,500 rpm
Torque	37Nm @ 7,000 rpm	37Nm @ 7,000 rpm	12Nm @ 7,500 rpm
Compression ratio	12.6:1	12.6:1	12.8:1
Starter/battery	Electric starter/12V 8Ah	Electric starter/12V 8Ah	Electric starter/12V 8Ah
Transmission	6 gears	6 gears	6 gears
Fuel system	Bosch EFI (throttle body 46 mm)	Bosch EFI (throttle body 46 mm)	Bosch EFI (throttle body 33 mm)
Control	4 V / DOHC with cam levers	4 V / DOHC with cam levers	4 V / DOHC with cam levers
Lubrication	wet sump with 2 oil pumps	wet sump with 2 oil pumps	wet sump with 2 oil pumps
Engine oil	MOTOREX 15W-50	Motorex 15W-50	Motorex 15W-50
Primary drive	30:80	30:80	22:72
Final drive	15:45	15:45	14:45
Cooling	Liquid cooling	Liquid cooling	Liquid cooling
Clutch	Multi disc slipper clutch	Multi disc slipper clutch	Multi disc
Engine management/ignition	Bosch EMS	Bosch EMS	Bosch EMS
Chassis			
Frame	Steel trellis frame, powder coated	Steel trellis frame, powder coated	Steel trellis frame, powder coated
Subframe	Steel trellis frame, powder coated	Steel trellis frame, powder coated	Steel trellis frame, powder coated
Handlebar	Steel	Aluminium forged	Aluminium forged
Front suspension	WP APEX - USD, Ø 43 mm	WP APEX - USD, Ø 43 mm	WP APEX - USD, Ø 43 mm
Adjustability	Compression, Rebound	Compression, Rebound	
Rear suspension	WP APEX - Monoshock	WP APEX - Monoshock	WP APEX - Monoshock
Adjustability	Preload	Preload	Preload
Suspension travel front/rear	front 142mm / rear 142mm	front 142mm / rear 142mm	front 142mm / rear 142mm
Front brake	ByBre, opposed four piston caliper, brake disc Ø 320 mm	ByBre, opposed four piston caliper, brake disc Ø 320 mm	ByBre, opposed four piston caliper, brake disc Ø 320 mm
Rear brake	ByBre, single piston, floating caliper, brake disc Ø 230 mm	ByBre, single piston, floating caliper, brake disc Ø 230 mm	ByBre, single piston, floating caliper, brake disc Ø 230 mm
ABS	two channel Bosch 10.1MB	two channel Bosch 10.1MB	two channel Bosch 10.1MB
Wheels front/rear	Spoked wheels with aluminium rims, 3 x 17"; 4 x 17"	Spoked wheels with aluminium rims, 3 x 17"; 4 x 17"	Spoked wheels with aluminium rims, 3 x 17"; 4 x 17"
Tyres front/rear	Metzeler M5 110/70-R17; 150/60-R17	PIRELLI SCORPION RALLY STR 110/70-R17; 150/60-R17	PIRELLI SCORPION RALLY STR 110/70-R17; 150/60-R17
Chain	5/8 x 1/4" / X-Ring	5/8 x 1/4" / X-Ring	5/8 x 1/4" / X-Ring
Silencer	Stainless steel / Aluminium silencer with regulated catalytic converter	Stainless steel / Aluminium silencer with regulated catalytic converter	Stainless steel / Aluminium silencer with regulated catalytic converter
Steering head angle	65°	65°	65°
Triple clamp offset	33 mm	33 mm	33 mm
Trail	95 mm	95 mm	95 mm
Wheel base	1357 +/-15,5mm	1357 +/-15,5mm	1357 +/-15,5mm
Ground clearance	145 mm	145 mm	145 mm
Seat height	835 mm	835 mm	835 mm
Tank capacity (approx.)	9,5 litres/ 1.5 litres reserve	9,5 litres/ 1.5 litres reserve	9,5 litres/ 1.5 litres reserve
Weight (without fuel, approx)	151 kg	152 kg	146 kg
CO2 Emissions	79 g/km	79 g/km	50 g/km