

2027 Husqvarna Svartpilen SE 801

Technical Details

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Engine

- Primary drive: 39:75
- Transmission: 6-speed
- Cooling: Liquid-cooled with water/oil heat exchanger
- Secondary gear ratio: 16:41
- Power: 103.3 hp (77 kW)
- Starter: Electric starter
- Stroke: 2.59 in
- Bore: 3.46 in
- Clutch: Cable-operated PASC slipper clutch
- CO₂ emissions: 106 g/km
- Compression ratio: 12.5:1
- Displacement: 48.8 cu in (799 cc)
- EMS: Bosch EMS with RBW
- Design: 2-cylinder, 4-stroke, parallel twin
- Fuel consumption: 52.3 mpg (US)
- Fuel-mixture generation: DKK Dellorto (46 mm throttle body)
- Lubrication: Pressure lubrication with 2 oil pumps

Chassis

- Weight (without fuel): 399 lb.
- Tank capacity (approx.): 3.62 US gal
- Wheelbase: 58.07 in
- ABS: Bosch 9MB two-channel ABS (disengaged)

- Front brake disc diameter: 11.81 in
- Rear brake disc diameter: 9.45 in
- Front brake: 2 × 4-piston calipers, radially mounted, with brake discs
- Rear brake: Single-piston floating caliper with brake disc
- Chain: 520 X-Ring
- Frame design: Chromium-molybdenum steel frame using the engine as a stressed element, powder-coated
- Front suspension: WP APEX-USD, 1.69 in diameter
- Ground clearance: 6.85 in
- Handlebar: Aluminum, tapered with cross member, 1.10/0.87 in diameter
- Rear suspension: WP APEX monoshock
- Seat height: 32.99 in
- Silencer: Stainless-steel primary and secondary silencer
- Steering head angle: 65.5°
- Rear subframe design: Cast aluminum, powder-coated
- Suspension travel (front): 5.51 in
- Suspension travel (rear): 5.91 in
- Wheels: 3.5 × 17 in; 5.5 × 17 in
- Wheel material: Cast aluminum
- Wheelbase: 58.07 ± 0.59 in