

TECHNICAL SPECS**SWM RS 500 R 2023****Motor**

| | |
|---|---|
| Type | Liquid cooled one cylinder fourstroke engine with DOHC, four valves, electrostarter |
| Bore/stroke | 97 mm / 67,8 mm |
| Displacement | 501 cm ³ |
| Maximum power with Arrow Schalldämpfer* | 56,6 PS bei 8498/min |
| Registered Power | 34 PS bei 7500/min |
| Maximum torque with Arrows Schalldämpfer* | 51,7 Nm bei 6959/min |
| Piston speed at nominal speed | 19,2 m/s |
| Fuel supply | EFI with Mikuni throttle body |

Elektric

| | |
|-----------|---------------|
| Ignition | CDI |
| Generator | – |
| Battery | 12 V / 6,3 Ah |

Power transmission

| | |
|----------------------|---|
| Primary transmission | Straight geared wheels 2,74 |
| Clutch | Multidisc clutch in oil bath, hdyraulic activated |
| Transmission | Six gear, ratio: 2,00; 1,61; 1,33; 1,09; 0,92; 0,81 |
| Secondary ratio | Open working chain 3,62 (Z47/13) |

Chassis

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|--------------------|---|
| Frame | Closed tubular steel frame and attached aluminium subframe |
| Front suspension | Kayaba upsidedown fork, rod Ø 48mm, rebound and compression adjustable |
| Rear suspension | Aluminium swingarm with progressive linkage and Kayaba shock, spring adjuster, compression (high- and low speed) and rebound adjustable |
| Travel front/rear | 300 mm / 296 mm |
| Wheelbase | 1495 mm |
| Steering angle | 63,5 ° |
| Wheels | Spoke wheels with aluminium rims |
| Brakes front/rear | Brembo-double piston-/ -single piston disc brakes |
| Tyres front / rear | 90/90 R21 / 140/80 R18 |

Capacities

| | |
|-----------------|-------|
| Engine | 1,7 l |
| Fork (each rod) | – |
| Fuel tank | 7,2 l |

Weight

| | |
|------------------------------------|--|
| Ready to race with all fuels** | 125 kg (With Arrow silencer: 118,5 kg) |
| Maximum permissible overall weight | 306 kg |
| Load capacity | 181 kg |

Supply

FP-engineering GmbH, 95676 Wiesau (Germany)
www.fp-engineering.eu

Warranty

2 years

Price

7.999 euros inclusive additional costs

*measured, **weighed