

2027 Husqvarna FE 350s

Technical Details

Engine

Specification	U.S. Measurement
Primary Drive	24:72
Transmission	6-speed
Battery Capacity	2 Ah
Cooling	Liquid-cooled
Secondary Gear Ratio	14:46
Starter	Electric starter
Stroke	2.26 in
Bore	3.46 in
Clutch	Wet DDS multi-disc clutch with Brembo hydraulic actuation
Compression Ratio	13.7:1
Displacement	21.3 cu in (349.7 cc)
EMS	Keihin Engine Management System
Engine Design	Single-cylinder, 4-stroke
Fuel System	Keihin EFI with 1.65 in (42 mm) throttle body

Chassis

Specification	U.S. Measurement
Weight (without fuel)	254 lb
Fuel Tank Capacity	2.03 gal

Specification	U.S. Measurement
Wheelbase	58.6 in
Front Brake Disc	10.2 in
Rear Brake Disc	8.7 in
Chain	520 X-Ring
Frame	Central double-cradle 25CrMo4 steel frame
Front Suspension	WP XACT cartridge fork, 1.89 in (48 mm) diameter
Ground Clearance	13.5 in
Handlebar	ProTaper aluminum, 1 1/8 in / 7/8 in tapered
Rear Suspension	WP XACT linkage monoshock
Seat Height	37.5 in
Silencer	Aluminum
Steering Head Angle	63.9°
Rear Subframe	Aluminum-reinforced polyamide
Front Suspension Travel	11.8 in
Rear Suspension Travel	11.8 in
Front Wheel	21 x 1.60 in
Rear Wheel	18 x 2.15 in
Wheels	Spoked aluminum rims
Wheelbase (tolerance)	58.6 ± 0.4 in

Quick Reference

- **Displacement:** 349.7 cc (21.3 cu in)
- **Weight:** 254 lb (dry, without fuel)

- **Seat Height:** 37.5 in
- **Ground Clearance:** 13.5 in
- **Fuel Capacity:** 2.03 gallons
- **Wheelbase:** 58.6 in
- **Suspension Travel:** 11.8 in front / 11.8 in rear