

DATA

TECHNICAL



FE 450



FE 570

ENGINE

ENGINE TYPE	Single cylinder, 4-stroke	Single cylinder, 4-stroke
DISPLACEMENT	449.3 cc	565.5 cc
BORE / STROKE	95 / 63.4 mm	100 / 72 mm
COMPRESSION RATIO	11.8:1	11.8:1
STARTER / BATTERY	Electric starter / 12 V 7 Ah	Electric starter / 12 V 7 Ah
TRANSMISSION	6 gears	6 gears
FUEL SYSTEM	Keihin EFI	Keihin EFI
CONTROL	4 V / OHC with rocker levers	4 V / OHC with rocker levers
LUBRICATION	Pressure lubrication with 2 oil pumps	Pressure lubrication with 2 oil pumps
ENGINE OIL	Motorex, SAE 10W-50	Motorex, SAE 10W-50
PRIMARY RATIO	33:76	33:76
FINAL DRIVE	13:38 (13:52)	13:38 (13:52)
COOLING	Liquid cooling	Liquid cooling
CLUTCH	Wet multi-disc clutch, hydraulically operated	Wet multi-disc clutch, hydraulically operated
ENGINE MANAGEMENT SYSTEM	Keihin	Keihin

CHASSIS

FRAME	Double cradle perimeter design 25CrMo4	Double cradle perimeter design 25CrMo4
SUBFRAME	Cross-linked Polyethylene (PE)	Cross-linked Polyethylene (PE)
HANDLEBAR	Magura, Aluminium Ø 28 / 22 mm	Magura, Aluminium Ø 28 / 22 mm
FRONT SUSPENSION	WP-USD Ø 48 mm	WP-USD Ø 48 mm
REAR SUSPENSION	WP-PDS shock absorber	WP-PDS shock absorber
SUSPENSION TRAVEL FRONT / REAR	300 / 335 mm	300 / 335 mm
FRONT / REAR BRAKES	Disc brake Ø 260 / 220 mm	Disc brake Ø 260 / 220 mm
FRONT / REAR RIMS	1.60 x 21"; 2.15 x 18" DID	1.60 x 21"; 2.15 x 18" DID
FRONT / REAR TIRES	90/90-21"; 140/80-18"	90/90-21"; 140/80-18"
CHAIN	5/8 x 1/4"	5/8 x 1/4"
SILENCER	Aluminium	Aluminium
STEERING HEAD ANGLE	63.5°	63.5°
WHEEL BASE	1,475 ± 10 mm	1,475 ± 10 mm
GROUND CLEARANCE	390 mm	390 mm
SEAT HEIGHT	985 mm	985 mm
TANK CAPACITY	approx. 8.5 litres	approx. 8.5 litres
WEIGHT	approx. 114 kg (without fuel)	approx. 114,5 kg (without fuel)