




DS 450™




SPECIFICATIONS

ENGINE		DIMENSIONS	
Type	449.3cc, single-cylinder, liquid-cooled, DOHC 4-valve head with high-flow "Durchzugskraft" design, 38mm intake valve, 31 mm Nimonic – alloy	L x W x H (in)	72.4 x 46 x 41.9 in
Bore & Stroke	97 x 60.8 mm	L x W x H (mm)	1,839 x 1,168 x 1,064 mm
EFI System/Carburetor	46 mm Throttle Body, 16 bit/32 MHz CPU	Wheelbase	50 in (1,267 mm)
Starting System	Electric	Seat Height	33 in (831 mm)
Transmission	5-speed manual/ heavy-duty clutch, 9 friction plates with DirectLink mechanism	Ground Clearance	9 in under frame/ 5.2 in under rear axle
Drive Train	520 O-ring high capacity chain, aluminum sprocket hub, aluminum sprocket, rigid axle	Dry Weight	349 lbs (158 kg)
		Fuel Capacity	3 US gal (11.5L)
CHASSIS		FEATURES	
Frame	ALTEC dual-pyramidal aluminum	Instrumentation	Low fuel, check engine, neutral
Front Suspension Type/Shocks	R-Type forged aluminum Double A-arm – KYB® HPG piggyback shocks with compression, rebound and preload adjustments	Lighting	Dual removable headlights (35W)
Front Suspension Travel	9.5 in (241 mm)	Color	Yellow 
Rear Suspension Type/Shocks	R-Type cast aluminum swingarm Chromoly hollow rear axle KYB HPG piggyback shocks with compression, rebound and preload adjustments	WARRANTY	
Rear Suspension Travel	10.5 in (267 mm)	Basic	6 months limited factory warranty
Front Brake	Dual 182 mm discs with inverted twin-piston calipers	Extended	B.E.S.T. available from 12 to 36 months
Rear Brake	198 mm rotor with single piston caliper		
Tires/Front	ITP Holeshot SR 21 x 7R-10 in 533 x 178R-254 mm		
Tires/Rear	ITP Holeshot SR 20 x 10R-9 in 508 x 254R-229 mm		
Wheels	Polished aluminum		

X™ xc PACKAGE

- R-type forged aluminum Double A-arms with adjustable caster
- KYB HPG C36 aluminum piggyback front shocks with dual-speed compression, rebound and threaded preload adjustments and 9.6" (245 mm) of travel
- KYB HPG C40 aluminum piggyback rear shock with dual-speed compression, rebound and threaded preload adjustments and 10.5" (267 mm) of travel
- 7.5" (190 mm) factory-set ride height (175-lb rider)
- Adjustable-width hollow rear axle [from 46" (1.17 m) to 50" (1.27 m) by increments of 0.5" (12.7 mm) per spacer]
- Extra-strength extended 1" (25.4 mm) steering stem with anti-vibe mounts
- 21 x 7-10 ITP Holeshot GNCC 6-ply front tires
- 20 x 10-9 ITP Holeshot GNCC 6-ply rear tires
- Black aluminum ITP 10 x 5 T-9 Trac-lock front wheels
- Black aluminum ITP 9 x 8 T-9 Trac-lock rear wheels
- 3 mm full aluminum chassis skid plate
- 5 mm full aluminum swing arm skid plate
- Aluminum nerf bars with removable aluminum heel guards
- Aluminum 6061-T6 taper-profile handlebar w/ square pad
- Aluminum front bumper, number plate ready
- Handlebar wind deflectors
- X xc package seat cover, race graphics & color scheme
- Color: Yellow & Black with X package graphics 

X mx PACKAGE

- + 2-inch double A-arms with adjustable caster and camber give a 50-inch front stance
- Kashima-coated KYB HPG C40 aluminum piggyback front shocks with dual-speed compression, rebound and preload adjustments and 10.7" (272 mm) of travel
- Adjustable-width hollow rear axle [from 46" (1.17 m) to 50" (1.27 m) by increments of 0.5" (12.7 mm) per spacer]
- Rear kashima-coated KYB HPG C46 with remote reservoir shock with dual speed compression, rebound and preload adjustments, with 10.7" (272 mm) of travel
- 7" (179 mm) factory-set ride height (175-lb rider)
- Black aluminum ITP 10 x 5 T-9 GP front wheels
- Black aluminum ITP 8 x 8 T-9 Trac-lock (beadlock) rear wheels
- 20 x 6-10 ITP QuadCross MX PRO front tires
- 18 x 10-8 ITP QuadCross MX PRO rear tires
- Extra-strength extended 1" (25.4 mm) steering stem with anti-vibe mounts
- Aluminum 6061-T6 taper-profile handlebar w/ square pad
- Aluminum front bumper, number plate ready
- Lightweight aluminum nerf bars w/ netted heel guards
- X mx package seat cover, race graphics & color scheme
- Color: Yellow & Black with X package graphics 



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