

TECHNICAL SPECS**BETA 300 Xtrainer 2022****Engine**

Type	Liquid cooled one cylinder twostroke engine with membrane inlet, variable exhaust control, electrostarter
Bore/stroke	73 mm / 69,9 mm
Displacement	293,2 cm ³ (17,8 cui)
Maximum power*	36,6 PS (36,1 hp) at 8.027/min
Registered power	14,4 PS (14,2 hp) at 5500/min
Maximum torque*	36,7 Nm at 6.107/min
Piston speed at nominal speed	18,7 m/s
Fuel supply	Keihin-PWK Ø 36 mm (1,41 in)

Electric

Ignition	DC- CDI
Generator	12 V
Battery	12 V/4 Ah

Power transmission

Primary transmission	Straight geared 2,66
Clutch	Multidisc clutch in oil bath, hydraulic activated
Transmission	Six gear, ratio: 2,58; 1,86; 1,47; 1,2; 1; 0,85
Secondary ratio	Open working chain 3,5 (Z42/12)

Chassis

Frame	Closed tubular steel frame and attached aluminium subframe
Front suspension	Upsidedown fork, rod Ø 43 mm, Spring rate and rebound adjustable
Rear suspension	Aluminium swingarm with progressive linkage and R16V shock; spring rate, compression and rebound adjustable
Travel front/rear	270 mm / 270 mm
Wheelbase	1467 mm
Wheels	Spoke wheels with aluminium rims
Brakes front/rear	Brembo double piston-/ single piston-disc brakes
Tyres front/rear	80/100 R21 / 140/80 R18

Capacities

Oil tank	0,55 l
Gearbox	0,85 l
Fork (each rod)	Not listed
Fuel tank	8,5 l (2,24 gal), of it 1,5 l (0,39 gal) reserve

Weight

Ready to race with all fuels**	115 kg
Load capacity	171 kg
Maximum permissible overall weight	286 kg

Manufacturer / distributor

Betamotor S.p.A.
IT-50067 Florenz, www.betamotor.com

Warranty

6 month warranty, 18 month accomodation

Price

7.090 Euro zzgl. Nebenkosten

*measured, **weighted