

*The strongest production  
motocrosser ever built*



**2-stroke air-cooled single  
187cc engine**

**Brake Actuated Suspension System**

[www.legends-yamaha-enduros.com](http://www.legends-yamaha-enduros.com)

**Rear Z-type spoke**

**Powerful but controllable front  
hydraulic disc brake**

## FEATURES

- **2-stroke air-cooled single 487cc engine with YEIS produces greater power and stronger torque, giving the machine even higher race performance than ever.**
- **Brake Actuated Suspension System (B.A.S.S.) interlocked with rear brake operation for the most natural riding posture and increased tyre grip.**
- **Powerful but controllable front hydraulic disc brake.**
- **Rear Z-type spoke size has been increased with the adoption of steel nipples and solid lightweight rims for higher wheel rigidity.**
- **Reliable, virtually maintenance-free CDI system.**
- **Newly adopted carb choke lever for added operational ease.**
- **Kick shaft integrated stopper for increased durability.**
- **2-point supported clutch push lever for smoother function and increased operational ease.**

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## SPECIFICATIONS

### ENGINE

Type	2-stroke, single
Displacement	487 cc
Bore & stroke	87.0 x 82.0 mm
Compression ratio	6.9 : 1
Max. power (DIN)	60.2 PS (44.3 kW) @7,000 rpm
Max. torque (DIN)	6.49 kg-m (63.7 Nm) @6,000 rpm
Lubrication	Pre-mix
Carburetion	VM40SS
Ignition	C.D.I.
Starter system	Kick
Fuel tank capacity	10.5 l
Transmission	4-speed
Final transmission	Chain drive

### CHASSIS

Overall length	2,175 mm
Overall width	850 mm
Overall height	1,215 mm
Seat height	945 mm
Wheelbase	1,475 mm
Ground clearance	335 mm
Dry weight	101.5 kg
Suspension(Front)	Telescopic forks
(Rear)	Monocross suspension
Brakes (Front)	Disc
(Rear)	Drum
Tyres (Front)	100/90-21-4PR
(Rear)	140/80-18-4PR