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ARK ONE/RR/PADDOCK TECHNICAL DATA

CHASSIS

Frame	tubular steel
Overall length	1740 mm
Max length	750 mm
Max width	1150 mm
Max height	830 mm
Ground clearance	215 mm
Footrest height	320 mm
Dry weight	88 kg
Fuel tank capacity	7,5 l.
Reserve	1,3 l.
Cooling system capacity	995 cc
Front suspension	Hydraulic fork with ø32 mm shaft
Rear suspension	Monoshock with adjustable spring preload
Shock absorber stroke	82 mm
Front wheel travel	95 mm
Rear wheel travel	89 mm
Front brake	disc ø190 mm
Rear brake	disc ø190 mm
Front rim	3,50 x 13
Rear rim	3,50 x 13
Front tyre	130/60 - 13 (Slick)
Rear tyre	130/60 - 13 (Slick)

ENGINE

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar duct in the crankcase
Bore	40 mm
Stroke	39,2 mm
Displacement	49cc
Compression ratio	12 : 1
Ignition	Electronic Ducati 12V - 60W
Spark plug	NGK BR 8 HS
Lubrication	With mechanical pump - mix gasoline-oil 1,5% (with synthetic oil)
Feeding	with carburettor
Carburettor	Dell'Orto PHVA 12
Clutch	Dry automatic centrifugal type
Primary trasmission	"V" belt drive
Transmission	Automatic continuously variable transmission
Secondary trasmission	With gears-final ratio: Z.13/42
Engine oil	SAE 20/30 (110cc)