

TECHNICAL DATA

ARK AC

CHASSIS

Frame	tubular steel
Wheel base	1240 mm
Max length	1740 mm
Max width	750 mm
Max height	1150 mm
Seat height	830 mm
Ground clearance	215 mm
Footrest height	320 mm
Dry weight	84 kg
Fuel tank capacity	7,5 l.
Reserve	1,3 l.
Front suspension	Hydraulic fork with ø32 mm shaft
Rear suspension	Monoshock with adjustable spring preload
Shock absorber stroke	85 mm
Front wheel travel	95 mm
Rear wheel travel	89 mm
Front brake	disk ø190 mm
Rear brake	drum ø110,5 mm
Front rim	3,50 x 13
Rear rim	3,50 x 13
Front tyre	120/70 - 13
Rear tyre	130/60 - 13

ENGINE

Type	Single-cylinder, 2-stroke, air cooled, lamellar induction 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 7 HS
Lubrication	With mechanical pump - gasoline-oil 1,5% (with synthetic oil)
Feeding	with carburettor
Carburettor	Dell'Orto PHVA 12 HS
Spark advance	14° (0,7 mm) B.T.D.C.
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 20W/30(110cc)