



PARAMOTORES

Born to fly

www.paramotores-he.com

R320 - 45hp

DESCRIPTION

The R320 is the perfect engine to equip PPG tandem trikes or small microlight airplanes



ENGINE PERFORMANCE

Displacement	cm3	294.7cc
Intake type	Reed valves into the crankcase	
Max. Power	Bore	72mm
	Stroke	72mm
	R.P.M.	8000
Engine weight with exhaust and air filter.		32.8 Kg
Keihin PWKS 38	Main jet	115
	Idle jet	35
	Needle	CHN
	Needle position	5 th from top
	Throttle valve	7
	Mixture screw	1 turn from fully closed
One liquid cooled aluminium cylinder with Nikasil ceramic coating		
Poly-V belt driven reduction. Reduction 1/ 2.7 or 1/3		
Electric starter with CDI ignition (pre ignition set up is 0mm from TDC)		
In flight consumption with at 5400 R.P.M. (level flight), 5 litres/hour		
Lubrication mixture of 2,5% two stroke oil with 95 unleaded petrol and 3% during running in phase		
Top thrust with a 130cm propeller: 140kilos*		

(*) depending on propeller size, material, shape and on meteorological conditions, altitude...

Warning: The Paramotores HE Microlight Aircraft engines do not comply with federal safety regulations for standard aircraft. This engine is for use in experimental and microlight uncertified aircraft only and only in circumstances in which an engine failure will not compromise safety. Before operating the engine read operator's manual. Information is available from your local authorized HE Paramotores dealer.

