



海世达  
HASDER Machine

CASES STUDYS

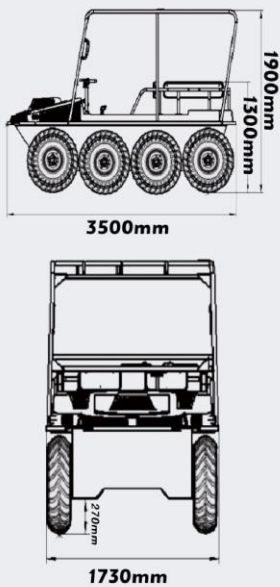




### 8X8 AMPHIBIOUS ALL TERRAIN VEHICLES

The 8x8 amphibious all-terrain vehicle uses 8x8 all-wheel drive, differential for braking and steering, stepless speed change, and fully sealed body. The tyres use the "duck webbed" tyres, which are special for amphibious vehicles. In the water, the tyres change into "paddle" for fast driving. The transmission mode of the vehicle is gear box and shaft transmission system, which subverts the traditional drive and leads the new technological revolution. The vehicle has a 45° climbing ability and can turn around in place. The maximum speed of the vehicle can reach 60 kilometers per hour, and it can run stably for a long time in different extreme temperatures (± 45 °C). In addition, based on this vehicle, we have also developed a special fire water tanker.

Product parameters



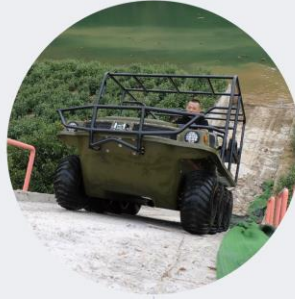
Vehicle Body parameters			
Body dimension	3500*1730*1300mm	wheelbase	700*700*700mm
Curb mass of the whole vehicle	1084KG	Track width	1500mm
Rated load	700kg(or 8 people)on land	Minimum	270mm
	450kg(or 6 people)on water	Seats	8 Seats
Performance parameters		Dynamic parameters	
Start mode	Triple insurance one-button electric start	Engine mode	SQR372
Ignition mode	EFI	Engine type	In-line/three-cylinder,four-stroke,water-cooled,overhead double-camshaft
Battery specification	12V/80Ah	Engine displacement	800cc
Driving form	Land: all-wheel drive	Compression ratio	9.5:1
	On water: driven by tire sculling	Rated power and	39 KW(6000±50r/min)
Maximum speed	Land: 60 km/h	Maximum torque and speed	70Nm(3500 ~ 4000r/min)
	Above water: 8 km/h(tire water)	Idling	850±50r/min
Obstacle clearance height	380mm	Minimum fuel consumption	275g/(KW·h)
Minimum turning radius	Left-750mm; Right-700mm	Fuel grade	Unleaded gasoline of 92# and above for vehicles
Maximum climbing angle	48°	Lubrication method	Composite (pressure,splash lubrication)
Approach angle	47.7°	Clutch mode	CVT
Departure angle	60.1°	Variable speed type	CVT+ Second gear forward, neutral and reverse
Braking method	Caliper disc hydraulic brake	<b>Accessories</b>	
Tyre specification	25*12-9NH5		
Tyre pressure	57PSI(34.5-48.3KPa)		
Transmission mode	Gearbox shaft driver		
		Towing hook, winch, shed, armrest box,anti-rollover bracket,etc	

APPLICATION



on Road

Amphibious



48° Gradient

All Terrain

