

# Wasp

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## Rapid Deployment Reconnaissance Vehicle (RDRV)



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# Wasp

The Wasp Rapid Deployment Reconnaissance Vehicle (RDRV) was developed by Land Systems OMC and is aimed at satisfying requirements for a light airborne rapid deployment vehicle.



The Wasp is compact, light and performs exceptionally. The design allows for customisation to specific clients' needs and could therefore fulfill the requirements of other special and airborne forces.

The Wasp can be used in various roles including reconnaissance, troop carrier, fire support, light strike actions, light and medium weapons deployment, and casualty evacuation.

Four Wasps can be carried in a C-130 aircraft.

Although primarily designed to be deployed by air-drop or air landing, the Wasp can alternatively be deployed over long distances under its own power, or be transported by sea or air freight.

The Wasp is available in three variants:

- The RDRV is the primary vehicle for employment by Special Forces and Reconnaissance units.
- Rapid Deployment Logistics Vehicle (RDLV). The main role of the RDLV is that of a logistic vehicle for employment on and around the Drop Zone (DZ).
- Rapid Deployment Utility Vehicle (RDUV) for the deployment of a wide variety of light weapons typical of those used by Special Forces.



## Specifications

### OPERATIONAL CRITERIA

<b>Dimensions</b>		<b>Protection Levels</b>		<b>Transfer Box</b>	
Length (tow hook folded away)	3,598 mm	<b>Ballistic protection</b>		Make	Daimler Chrysler
Width	2,260 mm	Engine compartment		Type	Integral, 2-speed chain-drive
Height	1,970 mm	Frontal	7.62 x 54 mm ball (Dragunov)	<b>Axles</b>	
(Top of spare wheel)	2,165 mm	Bonnet	7.62 x 39 mm ball		
Wheel Base	2,530 mm		fired from 30 m at 0°	Front	Power Torque, 1,950 kg capacity
Ground Clearance	243 mm		fired at 30 m and at right angles	Rear	Mercedes-Benz, 2,200 kg capacity with differential lock
Angle of Approach	63°	Engine compartment and driveline components	7.62 x 51 mm NATO Ball	<b>Steering System</b>	
Angle of Departure	74°		fired from 30 m at 0°		
<b>Mass</b>		Windscreen	Three rounds of 7.62 x 39 mm ball fired in equally sided triangle 100 mm apart	Type	Power assisted
Tare	2,550 kg	Mine protection		<b>Suspension</b>	
GCM	5,250 kg				
Payload	1,350 kg	Grenade	Single M26 grenade underneath the belly	Springs	
GVM	3,900 kg	Personnel mine	Single 200 g mine under any wheel	Front	Semi-elliptic leaf
Seating				Rear	Torsion bar combined with semi-elliptic leaf
All configurations	Driver, Co-driver, gunner (front). Up to 5 personnel depending on rear configuration			Shock absorbers	Double acting, hydraulic and bump stops
<b>Performance</b>		<b>Engine</b>		<b>Brakes</b>	
Maximum speed	116 km/h	Make	Detroit Diesel V.M. Motori	Type	Dual circuit Ventilated discs at front Drums at rear
Gradeability	60%	Displacement	2,776 cm <sup>3</sup>	<b>Road Wheels and Tyres</b>	
Turning Circle (Kerb to Kerb)	12.5 m	Maximum power (DIN)	100 kW@ 3,800rpm		
		Maximum torque (DIN)	300 Nm @ 1,800 - 2,600rpm	Wheels	6J x 16H2
		<b>Transmission</b>		Tyres	235/85 R16 with RFI 7.50 R16 XZL
		Make	Daimler Chrysler		
		Type	4-speed automatic		