



COUGAR12 Cell-On-Wheels is designed as a rapid deployment communications system. Provides temporary wireless communications in places without coverage, or reinforces capacity in a limited area for temporary events. This configuration has a minimal set up, transportation time & cost.

Highlights

- High mobility towable unit
- Compact design - Outstanding stability
- Optimized equipment space
- Multi-technology (GSM / UMTS, WIMAX, TETRA, ...)
- Flexible configuration:
 - o Height & Type of mast
 - o Genset type and power
 - o Housing for any manufacturer Equipment rack



Main advantages

Reduced deployment time
Versatile unit - easy handling
Simplifies service & maintenance Works
High mobility for singular events
Disaster recovery and Contingency Unit applications
Extended lifetime of the unit
Reduced maintenance costs
Flip-top mast (90°) for an easy elements installation (antennas, radiolink, TV camera)
Retractable military canvas that offers outdoor protection as well as good accessibility to all the housed elements
Noiseless generator suitable for operation in residential areas
Automatic switch from mains and start up of the genset in case of brownout or blackout, with automatic return to mains
Automatic fuel suction system that allows to use external tanks.



Technical features

	Element	Values
Tow	Dimensions	3.120x1.860 mm. (LxW)
	Head	Up to 3.500 kg with inertial break
	Axes	Double axe with latex suspension
	Weight	>750 Kg (upon configuration)
	Driving license required	European B+E type
	Structure	Galvanised or Stainless steel type
	Canvas	NATO type, zero drop. Military Green colour (factory default)
	Leverage system	4 telescopic legs
Mast	Composition	AISI 316 Stainless Steel
	Height	12 m
	Load capacity	Up to 200 kg on top
	Wind surface	0,75 m ²
	Wind speed	Up to 150 km/h
	Max. top deviation	< 1°
	Lifting system	Manual winch
	Vents	4 self-portable vents (attached to levelling legs)
	Beaconing	Double beacon
Genset	Power	6 kVA, at 1500 rpm
	Fuel tank capacity	72 litres
	Cooling	Water
Accessories	Included	Positioning system, security collars, toolbox
	Optional	Spare wheel, TV camera, second radiolink support, etc
Times	Deployment / Removed	3 hours

Standard configuration. Other options available under specifications

