



GlobeCore
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Wind
Farm
Servicing
Oil Purification

Thermal Vacuum Degassing Unit

UVM



oil overheating protection



high maneuverability



degassing and dehydration



large wheels for better rough road mobility



transformer vacuumizing



corrosion protection

The UVM unit is designed for removal of solved gases, free and solved water and particulate matter from oil, as well as for heating transformer oil before filling power transformers and other electrical systems.

The UVM units are used during installation and repairs of power transformers.

The UVM is a comprehensive solution for transformer manufacturers and servicing facilities.

Parameter		Value	
		UVM -4/7	UVM -6/7
Capacity	Degassing mode, m ³ /hour (gal/hour)	4 (1057)	6 (1585)
	Heating and filtration mode, m ³ /hour (gal/hour)	7 (1849)	7 (1849)
Oil heater power, kW		50	100
Max power consumption, kW		65	115
Power supply parameters		Fully customizable	
Dimensions, max, mm (in)	Length without trailer / with trailer	2100 (83) / 3250 (128)	2100 (83) / 3250 (128)
	Width without trailer / with trailer	1250 (49) / 1840 (72)	1250 (49) / 1840 (72)
	Height without trailer / with trailer	1500 (59) / 1940 (76)	1500 (59) / 1940 (76)
Weight, kg, (pound) without trailer / with trailer		800 (1760) / 1300 (2860)	900 (1980) / 1400 (3080)

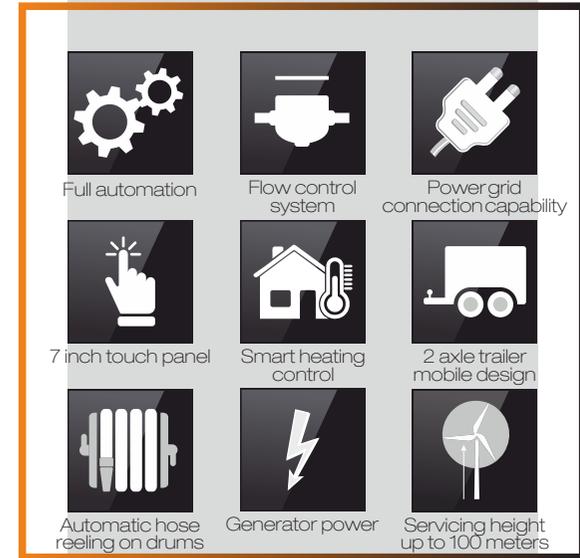
Wind turbine gearbox oil changer

250 gallon/950 liter tanks

CMM-G



The CMM-G and CMM-GL units perform three stage oil change in wind turbine gearboxes (draining old oil, flushing the gearbox and filling it with new oil). The equipment is designed for rapid servicing of the wind equipment oil system. The units are versatile and can service wind turbines by various manufacturers.



CMM-GL



Parameter

Value

		CMM-G	CMM-GL
Filling rate, m ³ /hour (gallon per minute), no less than		0.6 (2.64)	0.6 (2.64)
Drain rate, m ³ /hour (gallon per minute), no less than		0.25 (1.1)	0.25 (1.1)
Max power consumption, kW		8	4.1
Power supply	voltage, V (customizable)	380 (240, 400, 480)	380 (240, 400, 480)
	frequency, Hz (customizable)	50 (60)	50 (60)
Dimensions, mm (feet), max	length	5700 (18.7)	3510 (11.5)
	width	2400 (7.8)	1960 (6.4)
	height	1650 (5.4)	1310 (4.2)
Empty weight, kg (lbs), max		2500 (5511.5)	900 (1984.1)
Oil containers		+	-
Generator for standalone operation		+	-
Clean oil heating		+	-
Collection of spilled oil from turbine housing		+	+
Trailer		Two axle	One axle

Thermal Vacuum Degassing Unit CMM



oil overheating protection



high maneuverability



dehydration



oil heating



fine filtration



high dielectric strength

The CMM units are designed for removal of water and particulate matter from electrical insulation and lubrication oils.

The CMM units are used during installation and repairs of power transformers and for washing and filling of hydraulic systems.

The CMM units feature simple design, making them easy to operate and service.

Beside being highly reliable, the units are compact and highly mobile.

Parameter		Value
		CMM-0,6
Capacity in dehydration mode, m ³ /hour (gal/hour)		0,6 (158)
Oil heater power, kW		10
Max power consumption, kW		12,5
Moisture content, g/t (ppm)		10
Dielectric strength after processing, kW		>65
Nominal filtration fineness, μm		5 (optionally-1 μm)
Electric power supply parameters		Fully customizable
Dimensions, max, mm (in)	Length	780 (31)
	Width	570 (22,4)
	Height	1510 (60)
Weight, kg (pound)		205 (451)