

# MGTP 100 USKH-5

## Event Ready 100kVA Diesel Generator

**HVO  
FUEL  
APPROVED**

**EVENT  
READY  
SPECIFICATION**

When looking for a robust, reliable, good quality ultra silenced 100kVA generator, our MGTP 100 USKH-5 has everything the event market requires.

Optional extras:



Road-tow Kit



GPS Telemetry Tracker



Bund Alarm

## Features

100kVA 3ph (400V)

Leroy-Somer alternator

Kohler diesel engine (Stage 5)

HVO (Hydrotreated Vegetable Oil) fuel approved

Exclusive MHM-Gen engine protection shutdown system

3 way fuel valve

12V battery isolator switch

Emergency stop button

Central lifting eye and fork pockets

Variable RCD

ELR bypass switch

(activated by key only)

Fully bundled base (110%)

Engine oil drain pump

## Benefits

Plenty of power to meet the demands of medium to large event hire

Heavy duty and proven reliability

World class performance and watercooled

Suitable to run off either diesel, HVO or a mixture of both fuels

In the case of low fuel, low oil pressure, high engine temp and battery charge failure

Easy connectivity to an external fuel tank

Reduces flat battery breakdowns

A must on any UK site

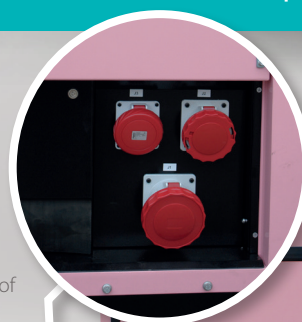
Flexible and safe lifting on site

Flexible protection

Turn off ELR to avoid nuisance tripping when powering electrical motor, or other similar equipment

To retain all spilt fluids

Reducing service time



**ULTRA  
SILENCED**  
80LWA /  
55 dBA@7m



**Stage 5  
Engine**



**LOMBARDINI  
KOHLER**  
2 Year Engine  
Warranty (Limited)

## Specification

### Performance

Alternator	Leroy-Somer	Three Phase Power (400V)	100kVA/ 80kW
Single Phase Power (110V)	N/A	Noise Level	LWA=80 dBA@7m=55
Single Phase Power (230V)	33kVA/ 26kW	Insulation Class	N/A
		Mechanical Protection - IP	23

### Engine

Make	Kohler	Adblue tank capacity	16
Type	KD13404TCR SCR (Stage 5)	Fuel Consumption @ 75% Load (Litres/hour)	18.8
Fuel	Diesel / HVO (HVO = BS EN 15940:2016 Only)	Fuel Tank Capacity (Litres)	300
Number of Cylinders	4	Average Runtime (Hours)	
Power (HP)	TBA	@ 100% 13 @ 75% 16 @ 50% 24 @ 25% 35	
Engine Speed (RPM)	1500	CO2 Per Hour @ 75% Load	49.3 kg
Cooling	Water	Control Panel	Deepsea 7310 c/w two wire Auto Start/ Stop facility

### Dimensions (Machine only)

Length: 2600 mm	Width: 1130 mm	Height: 1800 mm
Dry Weight (No Fuel): 2080 kg	Wet Weight (Fuel Full): 2325 kg	

### Dimensions (With road-tow kit)

Length: TBA mm	Width: TBA mm	Height: TBA mm
Dry Weight (No Fuel): TBA kg	Wet Weight (Fuel Full): TBA kg	

Socket Configuration	3ph (400V)			1ph (230V)	
	125A	63A	16A	32A	16A
MGTP 100 USKH-5	1	1	1	4	2
Hard wire facility	3ph (400V)			1ph (230V)	
	MGTP 100 USKH-5				
	✓			✓	

For more details call **MHM TODAY**  
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Email [sales@mhmplant.com](mailto:sales@mhmplant.com) or visit us at [www.mhmplant.com](http://www.mhmplant.com)



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The Preferred Supplier

Designed in the UK,  
built in Italy

