



- 9m hydraulically activated mast, extends to full height within 13 seconds and provides 360,000 lumens for all-night working
- Mast rotates 360° providing light wherever it's required, with four stabilising legs for safe working on uneven ground
- Compact and road-towable for maximum transportability, with integrated road signal lights
- Fork pockets and single point lift for easy loading and off-loading
- Large, removable doors and external fuel filling point provide good service and refuelling access



Engine compliant 97/68/EC modified 2002/88/EC and 2004/26EC, Noise compliant 2000/14/EC modified 2005/88/EC, Spotlights compliant IP65

DIMENSIONS

Travel position length	mm (in)	2220 (87)
Travel position width	mm (in)	1260 (50)
Travel position height	mm (in)	2200 (87)
Working position length	mm (in)	2200 (87)
Working position width	mm (in)	2450 (96)
Working position maximum height	mm (in)	9000 (354)

ENGINE

		50Hz	60Hz
Rated output	kW	6.4	
Make		Yanmar	
Model		3TNV 76	
Injection type		Direct	
Number of cylinders		3	
Bore and stroke		76x82	
Displacement		1.1	
Cooling		Water	
Lube oil specification		ACEA E3-5	
Oil consumption		0.1%	
Maximum oil capacity	l	3.5	
Minimum oil capacity	l	1.6	
Governing		Mechanical	
Engine speed	rpm	1500	1800

MAST

Hydraulic telescopic mast with safety block, carrying four metal halide spotlights

Watts per lamp		1,000
Lumens per lamp		90,000
Total watts		4,000
Total lumens		360,000
Manual mast rotation		360°
Time to raise to full height	seconds	13
Time to lower to travel position	seconds	25
Working temperature	°C	-20 to 45

WEIGHTS

Dry weight	kg (lb)	911 (2008)
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SOUND POWER LEVEL

Sound power level at 7m	Lwa (dB)	89 (64)
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FUEL

Type		Diesel
Bunded tank with external fuel filling point, capacity	l	100
Fuel consumption	l/hr	1.47
Run time for full tank	hrs	68

VOLTAGE

Total voltage	v	230
Sockets 230v	amps	2 x 16
Auxilliary input plug 230v (to power lights from mains)	amps	1 x 32
Maximum output	kVA (kW)	7 (5.6)

STARTING SYSTEM

Starter motor output	kW (CV)	1.1 (1.69)
Battery capacity	Ah	1 x 66
Voltage	vDC	12

CONTROL PANEL

JCB KS1 key start control panel is simple and intuitive to use and completely watertight.