


MODEL | LSW10 Yanmar

- **YANMAR Diesel engine.**
- **Water cooling system.**
- **120 litres fuel tank (60h autonomy)**
- **Fully bunded baseframe**
- **Complete with engine and battery liquids.**
- **Manual oil drain pump.**
- **Central lifting point.**
- **Internal residential muffler.**
- **Baseframe capable to be moved with fork lift truck.**
- **9m height hydraulic mast (7 steps), integrated in canopy**
- **4x1000 Watt metal halide lamps**
- **360° electrical lamps turning system**
- **Redundant safety devices.**
- **Connection lamps by CE sockets**
- **Trailer with 4 supporting feet (two rear are extensible).**
- **Road trailer EU homologation on progress.**



MODEL		LSW10Y	
CODE		TBA	
LIGHTING			
Number of lamps and power	Watt	4x1.000	
Ligth	Type	Metal halide	
Ilumination capacity	lumen	340.000	
Mast erection	Type	Hydraulic	
Maximun height	m	9,0	
Lamps turning capacity	degree	360°	
Lamps turning	type	Electrical driven engine	
Lamps protection	type	IP66	
Power consumption	Watt	500	
GENSET			
Total Genset Power (LTP)	kVA (kW)	7,9 (7,9)	
Litgthing consumption	kVA (kW)	4,0 (4,0)	
Additional Power	kVA (kW)	3,9 (3,9)	
Single phase voltage	Volt	230	
Frequency	Hz	50,0	
Power factor	Cos φ	1	
Tank capacity	Litres	120	
Autonomy (75% load PRP)	h	57	
Autonomy (100% load PRP)	h	43	
Acustic power	LWA	86	
Acustic pressure at 7m	dB(A)	61	
Min dimensions (LxWxH)	mm	3.015 x 1.400 x 2.750 (*)	
Max dimensions (LxWxH)	mm	3.015 x 2.330 x 8.600	
Weight	kg	1010	
DIESEL ENGINE		YANMAR	
3TNV-76			
Cooling system	Type	Water	
Speed	r.p.m.	1.500	
Displacement	c.c.	1.116	
Cyliders and disposition	n° disp.	3 L	
Aspiration	Type	Natural	
Engine power PRP	kWm	9,0	
Fuel consumption (75% load)	l/h	2,1	
Fuel consumption (100% load)	l/h	2,8	
Specific consumption PRP	g/kWh	265,0	
Engine governor (standard)	Type	Mechanical	
ALTERNATOR		LINZ	
E1C13S D/4_9KVA			
Insulation	Class	H	
Mechanical degree of protection	Type	IP21	
Voltage regulation	Type	compound	

(*) Special loading height can be reduced up to 2.550mm by disassembling the two upper lamps.

MANUAL ANALOGICAL CONTROL PANEL (MCP)		LSW10Y
MANUAL ANALOGICAL CONTROL PANEL (MCP)		<p>Instrumentation (analogue)</p> <ul style="list-style-type: none"> • Hours-counter. • Fuel level indicator. • Engine protection unit MC01.
		<p>Commands and others</p> <ul style="list-style-type: none"> • Start/stop selector switch with key. • Emergency stop button (installed on canopy front side). • Hydraulic mast erection joystick. • Electrical driven engine 360° lamps turning joystick. • 4x Individual circuit breaker lamps on/off.
		<p>Protections with alarm</p> <ul style="list-style-type: none"> • Engine protections: low fuel level, low oil pressure, high engine temperature, battery charger failure.
		<p>Protections with shutdown</p> <ul style="list-style-type: none"> • Engine protection unit: low fuel level, low pressure oil, high engine temperature, battery charger failure. • Circuit breaker protection: II poles. • Differential protection.
		<p>Hydraulics</p> <ul style="list-style-type: none"> • Refilling access to hydraulic oil deposit through a detachable plexiglas protection panel. • Security valve for mast operation.
		<p>Output and sockets</p> <p>1 x 230V/16A 2P+T CE.</p>

STANDARD FEATURES

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- Multi-Directional lighting system by metal halide lamps. Also available with halogen lights.
- Interchangeable lamps by using the same support.
- Metal halide lights: 4 x 1000W (340.000 Lumen) lamps with **4,0 kVA** of consumption.
- Easy and quick connection between genset and lights by means of socket.



- Lighting supply directly connected to alternator.
- Lockable metal sheet door to protect genset instrumentation and both tower and lighting circuit breaker protection.
- Hydraulic tower control by a joystick for an easy operation.
- Mast integrated in canopy.
- Soundproof material installed in the whole canopy.
- Electrical turning up to 360° degrees.
- Electrical detection of maximum turning position to avoid wiring breaking.
- Electric engine with protecting steel plate to operate the hydraulic and turning devices.
- Oil refilling point for hydraulic mast trough control panel door just removing the plexiglass protection.
- Individual switching on/off per lamp.
- Dual safety control system.
- External emergency stop button and 1 x 230V/16A 2P+T CE socket for additional power requirements.





- Telescopic tower with a maximum extension of 9 metres. Less than 40 seconds total erection.
- Searchlights connection by retractile cable, inserted in the telescopic mast.
- Mechanical block for supporting feet positioning.
- Fixed height road tow axle.
- **FRAME:** made of black paint layer of high quality steel for a maximum loading of 1.300kg.
- **ROAD TRAILER:** made of black paint cover high quality steel and complete with: 1 axle, 2 wheels, mudguards, eye hook, jockey wheel and 4 supporting feet to improve stability during operation.



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