

PRODUCT SPECIFICATION SHEET

Super Certes 51

LDFC 500 Product Code

EC Serial Numbers

SERVICING

<u>Description</u>	<u>Type</u>	<u>Qty</u>
Fuel	Petrol	3.6
General Grease	Shell Darina R2, or equivalent	
Engine Oil	SAE 10W 30, -20 to 32°C	0.6 litres
Engine Oil	SAE 15W 40, -15 to 40°C	0.6 litres
Landroll	SAE 10W 30	
<u>Interval</u>	<u>Description</u>	
Daily	Check engine oil level Check air filter element Check engine bay for debris	
First Month / or 20 hours	Change oil Check hydraulic fittings for tightness	
Weekly/ Every 50 hours	Clean air filter element (Replace if necessary) Check nuts and bolts for tightness Check chain tension Lubrication with Shell Darina R2 grease Cutting cylinder bearing Landroll bearings Roll bearings	
First 50 Hours	Clean air filter element (Replace if necessary) Check adjustment of main drive clutch	
Every 100 Hours	Change oil Clean sediment cup Spark plug check/clean Spark arrester (optional part)	
Every 200 Hours	Check adjustment of main drive clutch Check adjustment of cylinder clutch Check parking brake adjustment	
Every 300 Hours	Fuel tank and strainer	

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MACHINE DETAILS

Standard Features

The ten-knife cutting reel delivers a uniform, immaculate finish even on the most severe undulations. Power-driven, pneumatic-tyred transport wheels can be easily attached for sale, convenient travel between sites. The optional Verti-Groom turf conditioner is the ideal attachment for faster, truer and healthier greens.

Power

Manufacturer	Honda
Engine model	GX120 K1-QX4
Engine type	1 Cyl, 4 stroke, OHV
Horsepower HP	4 Hp
Horsepower KW	2.9 Kw
Cubic capacity	119CC
Engine RPM max	2700 +/- 50 RPM
Engine RPM min	1400 +200 – 150RPM
Air Cleaner	Dual Element Type
Fuel type	Lead Free Petrol
Quantity	2.5 Litres
Fuel Filter	10-micron in-line pre-filter and canister filter

Dimensions

Length	145 cm	57 inches
Cutting width	51 cm	20.8 inches
Transport width	77 cm	30 inches
Height	95 cm	37 inches
Weight Inc Grassbox	97 Kg	203 Lbs

Starting System

Recoil, rope type	
Warning System	Low Oil Level Engine Cut Out Sensor

Drive Train

Drive Clutch	Automotive type
Traction and Reel Drive	Heavy duty roller
Traction clutch	Automotive disc type
Traction Reduction Ratio	24:1
Differential	Full automotive type, self-contained
Rear Drive Roller	2 piece, ridged cast iron with bevel gear differential

Controls

Operator Presence Control	Hand Lever cable operated primary drive & land roll clutch, hand throttle, reel drive lever. Engine on/off switch, parking brake
Handles	Dual height adjustment

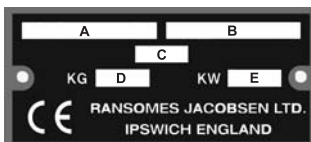
Noise & Vibration

Operators ear level (sound pressure)	85.7 dB(A)
Bystander level (sound power)	97.1 dB(A)
Hand/Arm acceleration level X	6.32 m/s ²
Hand/Arm acceleration level Y	2.4 m/s ²
Hand/Arm acceleration level Z	1.46 m/s ²

Publications

Operators book	24424G
Parts book	24424G

Product Identification



A – Super Certes
B – EC000301 (e.g.)
C – 2004
D – 97Kg
E – 2.9kw

Location of Serial Number Plate: Right hand chassis side plate

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Cutting

Cutting Reel	10 knife.
Width of Cut	51cm
Height of Cut	3 – 13mm, thin bottom blade 1.5mm – 11.5mm
Height of Cut Adjustment	Single point control locating in preset positions
Reel to Bottom Blade	Tool Adjustment
Front Roll	One piece steel roll running on ball bearings
Grassbox	Moulded polyethylene
Cutting Rate	1110 m ² /hr
Cutting Frequency	138 cuts/metre
Ground Pressure	0.28kg/cm ²
Reel diameter	127mm (5")
Reel shaft diameter	23.8mm (15/16")
Number of Blades	10
Blade Material	Hardened high-manganese, high-carbon steel
Reel clutch	Separate cog type
Reel Bearing	Spring loaded Timken tapered roller
Reel Reduction ratio	2:25:1
Bedknives	Hardened Carbon Steel
Standard	4 mm thickness
Low Profile	1.5mm thickness

Optional Equipment

Grass Box	Part Number 009133414
Brush and Comb Set	LMAA769A
Verti-Groom Kit	LMAA937A
Land roll Clutch Kit	LMAB 880
Outrigger rolls	LMAA831