

# PRODUCT SPECIFICATION SHEET

Super Bowl 51

LDFD 071 Product Code

AC Serial Numbers

## SERVICING

| <u>Description</u>           | <u>Type</u>  | <u>Qty</u> |
|------------------------------|--|------------|
| Fuel                         | Spark arrester (optional part)   |            |
| Every 200 Hours              | Check adjustment of main drive clutch<br>Check adjustment of cylinder clutch<br>Check parking brake adjustment |            |
| Every 300 Hours              | Fuel tank and strainer   | 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<br>Check air filter element<br>Check engine bay for debris                              |            |
| First Month /<br>or 20 hours | Change oil<br>Check hydraulic fittings for tightness   |            |
| Weekly/<br>Every 50 hours    | Clean air filter element (Replace if necessary)<br>Check nuts and bolts for tightness<br>Check chain tension   |            |
|                              | Lubrication with Shell Darina R2 grease<br>Cutting cylinder bearing<br>Landroll bearings<br>Roll bearings      |            |
| First 50 Hours               | Clean air filter element (Replace if necessary)<br>Check adjustment of main drive clutch                       |            |
| Every 100 Hours              | Change oil<br>Clean sediment cup<br>Spark plug check/clean   |            |

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## MACHINE DETAILS

### Standard Features

With a ten-knife cutting reel and precise control you can be assured of an exceptional quality of cut. To maintain greens in top condition, Ransomes optional Verti-Groom can be fitted to promote a true, healthy greensward.

### 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 | 57.09 inches |
| Cutting width       | 51 cm  | 20.8 inches  |
| Transport width     | 77 cm  | 30.31 inches |
| Height              | 100 cm | 39.37 inches |
| Weight Inc Grassbox | 97 Kg  | 213.66 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 Motivair™ servo-controls, hand throttle, reel drive lever. Engine on/off switch, parking brake  
Handles Dual height adjustment

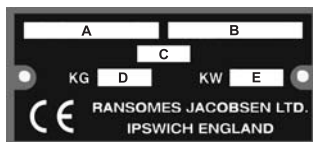
### Noise & Vibration

|                                      |                       |
|--------------------------------------|-----------------------|
| Operators ear level (sound pressure) | 87.2 dB(A)            |
| Bystander level (sound power)        | 98.4 dB(A)            |
| Hand/Arm acceleration level X        | 4.49 m/s <sup>2</sup> |
| Hand/Arm acceleration level Y        | 2.75 m/s <sup>2</sup> |
| Hand/Arm acceleration level Z        | 3.93 m/s <sup>2</sup> |

### Publications

|                |        |
|----------------|--------|
| Operators book | 24424G |
| Parts book     | 24424G |

### Product Identification



A – Super Bowl  
B – AC000301 (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               | Steel front roll                                  |
| Grassbox                 | Moulded polyethylene                              |
| Cutting Rate             | 1110m m <sup>2</sup> /hr                          |
| Cutting Frequency        | 142 cuts/metre                                    |
| Ground Pressure          | 0.28kg/cm <sup>2</sup>                            |
| 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              | 1mm thickness                                     |

## Optional Equipment

|                    |                       |
|--------------------|-----------------------|
| Grass Box          | Part Number 009133066 |
| Brush and Comb Set | Part Number LMAA769A  |
| Verti-Groom Kit    | Part Number LMAA937A  |