



LG 400

Machine data

| LG 400 | Honda | Lombardini |
|--------------------------------------|--------------------------------------|---|
| Engine | | |
| Type | Honda GX 390, 4-stroke, Manual start | Lombardini 15 LD440, 4-stroke |
| Power, kW (hp) | 7.7 (10.5) | 6.4 (8.7) |
| Rated speed, r.p.m. | 3,100 | 3,100 |
| Performance | | |
| Operating speed, m/min (feet/min) | 25 (82) | 25 (82) |
| Maximum tilt, ° | 20 | 20 |
| Compaction data | | |
| Vibration frequency, Hz (r.p.m.) | 60 (3,600) | 60 (3,600) |
| Centrifugal force, kN (lbf) | 52 (11,690) | 52 (11,690) |
| Amplitude, mm (in.) | 1.8 (0.07) | 1.8 (0.07) |
| Fluid volumes | | |
| Fuel tank, litres (qts) | 6.1 (6.4) | 5.0 (5.3) |
| Crank case, litres (qts) | 1.1 (1.16) | 1.5 (1.59) |
| Hydraulic oil, litres (qts) | 1.0 (1.06) | 1.0 (1.06) |
| Eccentric element, litres (qts) | 0.75 (0.79) | 0.75 (0.79) |
| Fuel consumption litres/hour (qts/h) | - | 1.7 (1.80) |
| Lubricants | | |
| Engine oil | Shell Rimula R4 L 15W-40 | Shell Rimula R4 L 15W-40 |
| Eccentric element oil | Shell Rimula R4 L 15W-40 | Shell Rimula R4 L 15W-40 |
| Hydraulic fluid | Shell Tellus S3 V32 | Shell Tellus S3 V32 |
| Biological hydraulic fluid | Shell Naturelle HF-E32 | Shell Naturelle HF-E32 |
| Fuel | Use normal grade petrol | Use diesel oil that complies with EN590 or DIN41601 |
| Electrical system | | |
| Battery type | - | Lead-acid battery |
| Battery voltage | - | 12V/50Ah |
| Weights | | |
| Net weight, kg (lbs) | 396 (873.1) | 434 (956.8) |
| Operating weight EN500, kg (lbs) | 398 (877.5) | 436 (956.8) |

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DIRECCIÓN: Carrera 1#18-19 CC. Megacentro calimio, Local-36

Cali - Valle



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Noise and vibration data

| Type | Noise | | | Vibration | |
|-------------------|-------------------------|-----------------------------------|---------------------------------|------------------------|-----------------------------------|
| | Declared values | | | Declared values | |
| | Sound pressure | Sound power | | Three axes values | |
| | EN ISO 11201 | 2000/14/EC | | EN500-4:2011 | |
| | Lp at operator's ear | Lw guaranteed dB(A) rel 1pW | Lw measured dB(A) rel 1pW | m/s ² value | permitted working hours/day |
| LG 400 Honda | 95 | 108 | 106 | 2.5 | 8 |
| LG 400 Lombardini | 93 | 108 | 107 | 2.1 | 8 |

Permitted working hours per day are calculated on action value of 2.5 m/s² as per 2002/44/EC.

Uncertainties, sound value

| Type | Uncertainties, sound value | |
|-------------------|----------------------------|-----------------------|
| | K _{wa} dB(A) | K _{pa} dB(A) |
| LG 400 Honda | 1.5-2.5 | 2.5-3.0 |
| LG 400 Lombardini | 1.5-2.5 | 2.5-3.0 |

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