

# ENGINE DRIVEN WELDER MAGIC WELD CHOPPER TECHNOLOGY

- Honda GX 200, Gasoline Engine
- Continuously variable DC Welding output
- High frequency (40 kHz) control of welding current
- Chopped DC auxiliary output (2 kW max)
- Engine shut-down (oil pressure)
- Auto idle
- Portable (34 kg)
- Silenced



|                               |                             |                 |               |                        |  |  |  |  |  |  |
|-------------------------------|-----------------------------|-----------------|---------------|------------------------|--|--|--|--|--|--|
| <b>Standard equipment</b><br> |                             |                 |               |                        |  |  |  |  |  |  |
|                               | Gasoline engine             | Air cooling     | Manual recoil | Engine shut down (oil) |  |  |  |  |  |  |
|                               |                             |                 |               |                        |  |  |  |  |  |  |
|                               | Permanent magnet alternator | Socket 230V EEC | Fuse          |                        |  |  |  |  |  |  |

**Options on request**  

- Plug 230V 16A 2PT (M)
- Plug 110V 16A 2PT (M)
- Version on request 110V auxiliary
- Reactance to improve cellulose welding

**Technical data**
**MAGIC WELD**
**D.C. WELDING**

|                           |             |
|---------------------------|-------------|
| Current range, continuous | 30 - 150 A  |
| Open circuit voltage      | 65 V        |
| Duty cycle                | 150 A - 60% |
| Electrode diameter        | 2 - 3.25 mm |

**D.C. GENERATION**

|   |                         |
|---|-------------------------|
| Single-phase generation (max)                   | 2 kW / 230 V / 8.7 A    |
| Single-phase generation (continuous)            | 1.6 kW / 230 V / 6.9 A  |
| Single-phase generation (max) (optional)        | 1.5 kW / 110 V / 13.6 A |
| Single-phase generation (continuous) (optional) | 1.2 kW / 110 V / 10.9 A |
| Insulating class                                | H                       |

**ENGINE**
**Gasoline, 4-stroke, air cooled**

|                  |                     |
|------------------|---------------------|
| Type             | HONDA GX 200        |
| Output *         | 5 kW (6.8 HP)       |
| Speed            | 4000 rpm            |
| Displacement     | 196 cm <sup>3</sup> |
| Cylinders        | 1                   |
| Fuel consumption | 313 g/kWh           |

\* Maximum output (not overloadable) according to ISO 3046/1

**GENERAL SPECIFICATIONS**

|                                  |                         |
|----------------------------------|-------------------------|
| Tank capacity                    | 3.6 l                   |
| Running time (at duty cycle 60%) | 3.5 h                   |
| Protection                       | IP 23                   |
| Dimensions Lxwxh (mm)            | 420x360x480             |
| Weight                           | 34 kg                   |
| Noise level                      | 99 LWA (74 dB(A) - 7 m) |

Values shown are nominal values. For further information please contact the sales department.