

**ANGUS
FIRE**



LW I 300 LIGHTWEIGHT PORTABLE FIRE PUMP



FOR MAXIMUM PERFORMANCE, MINIMUM WEIGHT AND EASIEST PRIMING LOOK NO FURTHER THAN THE 'LW 1300' PORTABLE PUMP

Features

- Unique one action priming allows for fast and effective priming
- 850cc engine with reduced weight and simple, robust engineering
- Hinged petrol tank for safe fast refuelling
- Swivelling outlets allows hose to be directed where required without kinks.
- Main controls/gauges conveniently grouped to operate from one work station
- Stainless steel used on all fabrication for enhanced corrosion resistance
- Panel lighting as standard for easy monitoring at night
- Enlarged pressure and compound gauges with wide vacuum scale
- Fits existing locker spaces
- Fully complies with JCDD/30

Engine

The well proven 850cc Reliant engine is used. Ease of maintenance and repair coupled with low weight make it a natural choice for the portable pump.

Priming

Fast and effective priming is provided by the unique Angus 'one action' primer which adjusts throttle setting during prime and returns it to its original setting on completion. It will prime to 7.3 metres in under 24 secs.

Fuel Tank

The hinged design makes refuelling during operation a simple and safe procedure while offering more capacity (12 litres) and easy removal to facilitate servicing.

Cooling System

A closed circuit heat exchanger gives reliable cooling in all climatic conditions and enables antifreeze to be used in winter conditions.

Electrical System

Electric starting is standard with a 12 volt negative earth system. A sealed regulator permanent magnet alternator, and robust hand start allow normal operation in the event of battery failure. Electronic ignition and an overspeed limiter are standard. An ancillary socket is provided for charging and to supply the optional lighting mast.

Gauges & Controls

The instrument panel is laid out with all gauges and controls in one location and illuminated with a panel light for night operation. In addition to large easily readable compound and pressure gauges, a water temperature gauge and hours run meter are standard. A well proven cut out system will stop the pump automatically if water supply is lost.

Guards

The unit is fully guarded against inadvertent contact with hot areas.

Materials

Stainless steel is used on all fabricated parts. All castings are in light alloy though gunmetal parts are optional on the waterway areas for marine operation.

Quality Control

All engines are bench run and performance tested before delivery. The finished pumps are subjected to flow and priming tests before leaving our factory.

Dimensions

Length: 743mm (29.25in); Width: 510mm (20in); Height: 635mm (25in); Weight (dry): 107 kg.

Options

1. Brigade Standard with electronic ignition, gauges as with basic and an overheat cut out system.
2. Deluxe Brigade standard but with battery state meter and oil pressure gauge.

Optional Equipment

Detachable wheels, gunmetal pump, battery state meter, oil pressure gauge, suction wrench pouch, on 'vehicle' charging unit, pump trailer and lighting mast. Gauges are normally calibrated in bars but other options are available.

Specification

Typical Performance at 3m suction lift – after 10 hours running	
Pressure	Output
4 Bar	1735 litre/min
6 Bar	1520 litre/min
7 Bar	1400 litre/min
8 Bar	1260 litre/min
10 Bar	995 litre/min
Guarantee point ex-works	1300 litres at 7 Bar

The right is reserved to vary or modify any specification without prior notice.

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REF: 5015 © Angus Fire Armour Limited 03.98 Printed in England

Distributed by



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