

## GAAM MK500

Diesel Powered Fire Fighting Pumpset

The MK 500 pumpset has been engineered to meet the Firefighters' need for pumping volumes of water. Pumping at mid range provides a performance of 2200 L/MIN @ 700 KPA. Higher Volume provides 2800 L/MIN @ 500 KPA whilst lower volume will provide discharge of 1000 L/MIN @ 1000 KPA. Whatever your volume needs this pumpset gives the performance required of a self-contained pumpset for Urban, Industrial or Rural applications. Custom designed options include:

- > Combination of Soft Suction and Discharge Manifolds,
- > Foam Systems, Tank By Pass or Relief Valve Mounting.

### Features:

- > Aluminium alloy pump casing.
- > Stainless steel shaft.
- > Bronze impellers, hydraulically balanced.
- > Foam system connections.
- > Soft suction & discharge manifold options.

### BASIC UNIT

#### Engine

- > Hatz model 3L41C air cooled diesel engine.
- > Power rating 38.6Kw @ 3000 RPM.
- > Electric start.
- > Dry element air cleaner.

#### Pump

- > GAAM MK 500, single stage centrifugal pump
- > Alloy casing
- > Hydraulically balanced bronze impellers.
- > Stainless steel shaft.
- > Replaceable bronze wear rings.
- > Mechanical seal-adjustable carbon Face with ceramic seat.
- > Suction 6-M10 on 178 PCD
- > Discharge Volume: 75mm DN80 Table 'D' Flange

### Pump/engine assembly

Close coupled, pump rigidly fixed to engine.

### Dimensions

600mm (W) x 1000mm (L) x 810mm (H).

### Mass

375Kg

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## Pump Performance

The total head shown on the performance curve includes suction lift. Therefore the pressure available at the pump discharge flange will be reduced by the "Suction Lift" expressed in kPa (eg. 3 metre lift is equivalent to 30kPa).

## OPTIONS

### Engine

- > Alternative Hatz engine models are available to provide alternative pump flow rate and pressures
- > Vertical up or down muffler
- > 12v or 24v start
- > Various capacity fuel tanks
- > Alternative engine makes are available
- > Muffler guard
- > Rubber mounts

### Pump Discharge Position

Alternative discharge positions:

### Discharge Manifolds

1, 2, 3 or 4 outlet discharge manifold, valves and couplings

### Suction Manifolds

- > Hard suction manifold
- > 1, 2, 3 or 4 inlet soft suction manifold, valves and couplings

### Priming System

- > Manual - GAAM Series 500 Diaphragm primer, or,
- > Electric - Hale 12v or 24v model ESP rotary vane priming system

## Foam System

- > Manual - Quenchmaster SA650 around the pump type, Control Panel (CP) or Remote Mount (RM), or
- > Automatic - Hale FoamMaster 2.5v balanced pressure flow based demand system (12v or 24v)

## Instruments and Controls

Fixed or remote instrument panel.

The following instruments and controls are available to be fitted in either instrument panel.

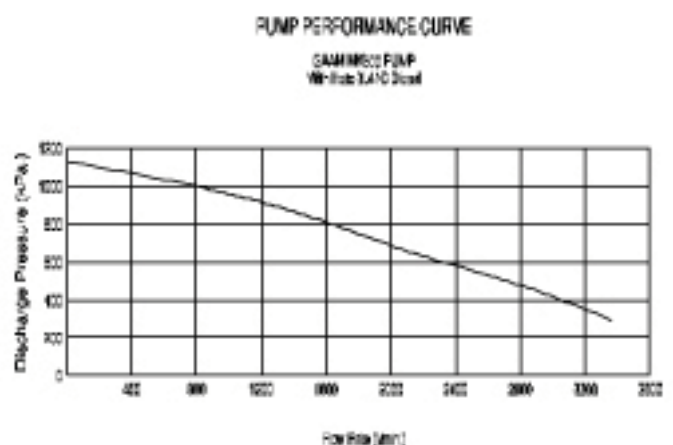
- > Pressure gauge
- > Engine Stop Control
- > Compound gauge
- > Tachometer
- > Engine Start Button
- > Hour Meter
- > Engine oil pressure gauge
- > Engine temperature gauge
- > Twist lock Vernier throttle

## Electrical

Battery, cradle and leads.

## Framework

Various base frames are available. To be specified by customer.



### Contact Us

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