

MariFlex FiFi-750 Fire Fighting unit

MariFlex development, manufacturing, sales, rental and repair of off-loading equipment/systems.

As a specialist in service and repairs, MariFlex has a very comprehensive selection of pumps, powerpacks and other equipment available for sale or rent, specially designed and purpose-built for the transshipment of liquid cargoes.

MariFlex can offer you equipment ranging from complete standard portable pumping installations to custom made turn-key marine equipment.

Upon request, MariFlex designs and builds special pumps, powerpacks and other equipment, according to internationally recognised standards and guidelines.



MariFlex FiFi-750

FiFi-750 unit, (750 m³/hr@12 bar/3250 GPM@180 PSI), based upon centrifugal pump directly coupled to flywheel side of diesel engine. Including a hydraulic pump to drive boost pump at the front side of engine, hydraulic oil tank, filter, cooler and thermostat.

Unit is build on a light weighted aluminium skid including fuel tank suitable for installation on deck.

Total weight of one unit : 2500 Kgs.
Total dimensions
of one unit (L x W x H) : 2400x1150x1900 mm
7.9 x 3.8 x 6.2 Ft.

Also available as containerised model.



MariFlex

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Specifications MariFlex FiFi-750:

DIESEL ENGINE

Make/type	: Deutz or Volvo diesel engine. charged marine diesel 4-stroke.
Rating	: 420 kW @ 2000 rpm / 575 HP @ 2000 rpm, according ISO 3046.
Start system	: Electric with battery, incl. battery charger for 220 V/50 Hz.
Fuel system	: Basement integrated tank of 500 litres / 132 gallon. Sufficient for eight running hours.
Cooling system	: Sea-water cooled heat exchanger is mounted on the engine and fed by a direct driven cooling waterpump. Suction via inlet of Fi-Fi pump.
Exhaust system	: Sea-water cooled exhaust manifold, water injected and fed by engine's cooling waterpump.
Safety system	: Auto shut-down in event - low lubrication oil pressure. - high engine temperature - over speed.

FIFI- 750 PUMP:

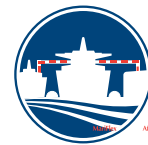
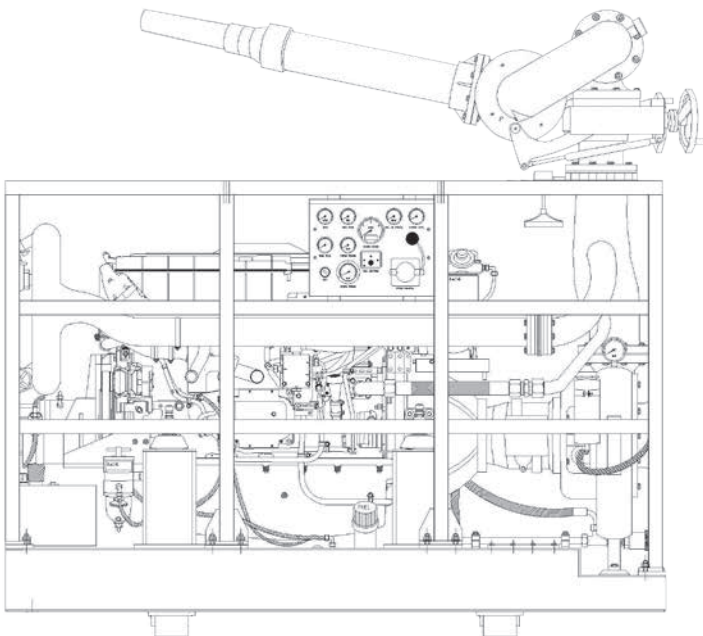
Make/type	: Pioneer pump
Capacity/pressure	: 750 m ³ /hr@12 bar/3250 GPM@180PSI
NPSH at 2000 rpm	: 4 mtrs. max.
Power consumption	: 300 kW / 402 HP
Material casing	: Nod. Cast iron GG40. Coated inside
Impeller	: Stainless steel CA6NM
Shaft	: Stainless steel 17-4-HP
Discharge flange	: DN 200/PN 16 acc. to DIN 2633.
Suction flange	: DN 250/PN 16 acc. to DIN 2633.

MONITOR:

Make/type	: HR 377
Capacity	: 12.000 ltr/min. / 3170 GPM max.
Inlet pressure	: 12 bar / 180 PSI
Throw length	: 130 mtr. / 426 ft. max. for water.
Working pressure	: 16 bar / 232 PSI max.
Reaction thrust	: 1000 Kgs. maximum.
Control	: Manual.
Inlet outlt flange	: DN 150/PN16 acc.to DIN 2633.
Swivelling range	: horizontal: rotating infinite vertical: 120° total.
Material body/nozzle	: SS 316.
Bore water nozzle	: 73 mm.

FOAM INDUCTING SYSTEM

Type	: PV600
Mixing ratio	: 0.4 – 6%
Hose manifold 6 off	: 2½" connections



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