

MARK-3[®]

SERIES



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PORTABLE

PORTABLE LIGHTWEIGHT HIGH PRESSURE 4-STAGE FIRE PUMP

The **WATERAX MARK-3[®]** is the core of superior water handling systems upon which specifications and standards are built. Pairing a high performance 4-stage pump end and a **2-stroke 10 hp engine**, this impressive workhorse can achieve pressures of up to **380 PSI (26.2 BAR)** and flow rates reaching **98 GPM (371 L/Min)**. It is designed to withstand the rigors and extreme conditions of wildland firefighting and is the most trusted and time-tested pump in the industry. Appreciated for its ability to maintain high pressure over extraordinary distances and elevation, it weighs less than 60 lbs and is one-person portable – a critical attribute out in the field.

The **WATERAX** quick release clamp provided on the **MARK-3[®]** pump lets you replace a damaged pump end in the field with minimal equipment downtime.

USDA Forest Service Qualified Specification 5100-274C.

Emergency rescue equipment - Exempt from emission standards under 40 CFR 1054.660.

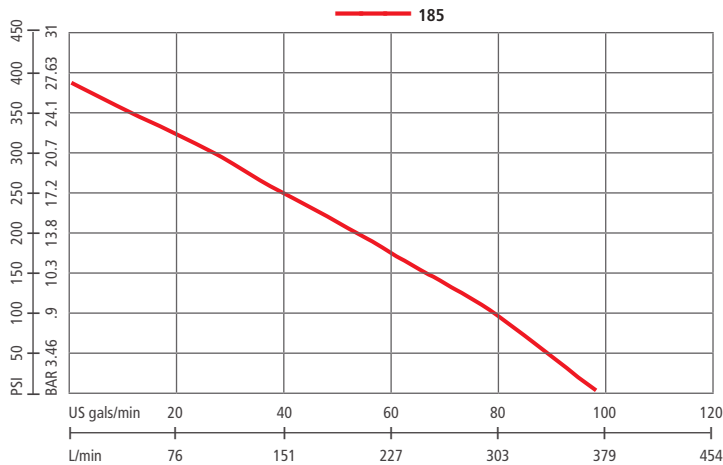
Applications

- Attack line firefighting
- Long hose lay for remote watering during firefighting operations
- High elevation firefighting in mountainous areas
- Accuracy in flow trajectory when structure fire fighting
- Tandem pumping over long distances
- Parallel pumping for higher volumes

Features and Benefits

- Quick release clamp and swappable pump ends for minimal equipment downtime and inventory
- Sealed bearing to eliminate pump end greasing in the field
- Aluminium alloy pump components and anodized parts for lighter weight and greater resistance to corrosion
- Comprehensive user and service manuals

SPECIFICATIONS



Flow rate at specified pressure

Maximum Pressure : 380 PSI (26.2 bar)
 Free flow : 98 US gals/min (371 L/min)
 Maximum Head: 878' (268 m)

Flow Rate		Pressure		
US GPM	(LPM)	@	PSI	(BAR)
78	(295)	@	100	(6.9)
65	(246)	@	150	(10.3)
38	(144)	@	250	(17.2)

Engine: 185

Engine Specifications

- Engine** WATERAX 185cc
2-cycle, air-cooled, single cylinder with replaceable cast iron sleeve
- Maximum power** 10 hp (7.5 kW)
- Displacement** 185 cc (11.29 cu in)
- Starting system** Recoil starter with backup manual rope starter
- Ignition** Ducati CDI
- Lubrication** Gasoline/oil mixture ratio 24:1
- Fuel type** Gasoline (unleaded, 86 minimum octane, 10% max. ethanol) mixed with 2-cycle oil; 24:1 ratio
- Fuel consumption** 1.2 US gals/hr (4.5 L/hr)

Pump Specifications

- Pump end** Detachable 4-stage centrifugal pump end
Lightweight aluminum alloy pump components
Anodized pump parts for corrosion resistance
Foam compatible
Stainless steel pump shaft
Blister resistant mechanical rotary seal
Maintenance-free sealed bearing
Maximum allowable pump pressure: 600 psi (41.4 bar)
Quick release lightweight pump clamp
- Connections** Suction: 2" (51 mm) NPSH
Discharge: 1-1/2" (38 mm) NPSH
Priming: 1-1/2" (38 mm) NPSH

Standard Inclusions

- Digital Overspeed Switch
- Exclusive blister resistant mechanical rotary seal
- Maintenance free sealed bearing
- Powder coated carry frame
- Foam compatible
- Rubber protection caps with retainer
- Recoil starter
- US Forest Service approved spark arrestor
- Standard operating tool kit

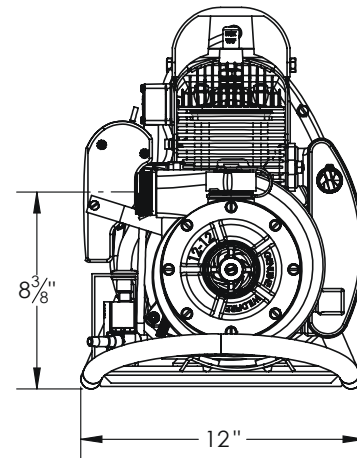
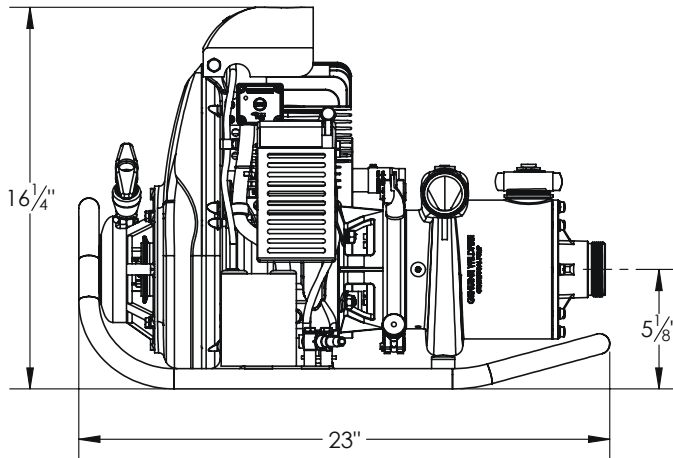
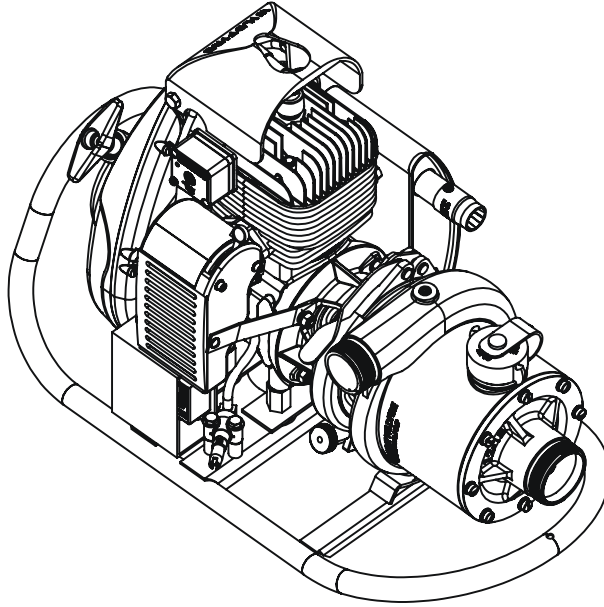
Options

- Backpack carrying frame C-7404

Configurations

- **MK3-T** (incl. FA-552Q)
- **MK3-TS** (incl. FA-552Q and A-2688)
- **MK3-TQS** (incl. FA-552Q, FA-4N and A-2688)
- **MK3-QS** (incl. FA-4N and A-2688)
- **MK3-QSH** (incl. FA-4N, A-2688 and DIC-HOURMETER)
- **MK3-WPDS/PO** (incl. brass fuel connector, and 1-1/2" NH adaptor)
- **MK3-WPDS** (incl. brass fuel connector, 1-1/2" NH adaptor and FA-352GSA-N)

All features are not available on every model. Please refer to the product selection matrix to select the proper model.



Length 23" (58 cm)

Width 12" (31 cm)

Height 16-1/4" (41 cm)

Weight 59.8 lbs (27.1 kg)



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