

## STRIKER-4-DIESEL Portable



### DATA SHEET

## HIGH PRESSURE 4-STAGE FIRE PUMP

The **WATERAX STRIKER-4-DIESEL PORTABLE** combines a reliable YANMAR L100 diesel engine, producing 9.3 hp (6.8 kW), with the innovative, lightweight and highly efficient MARK-3® 4-stage pump end to deliver exceptional performance. The unit achieves pressures of up to 310 PSI (21.4 BAR) and flow rates reaching 112 US GPM (424 LPM). It produces an impressive 85 US GPM (322 LPM) at 100 psi (14.5 BAR).

Strong enough to operate as a source pump for tandem and parallel pumping, it is also optimal for direct attack firefighting, remote watering, and sprinkler systems.

The **WATERAX** quick release clamp provided on the pump lets you replace a damaged pump end in the field with minimal equipment downtime. The 4-stage pump end is identical to the pump end on the **MARK-3® Watson Edition** unit, which greatly reduces your spare parts inventory and improves your ability to respond to unforeseen equipment damage.

### 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

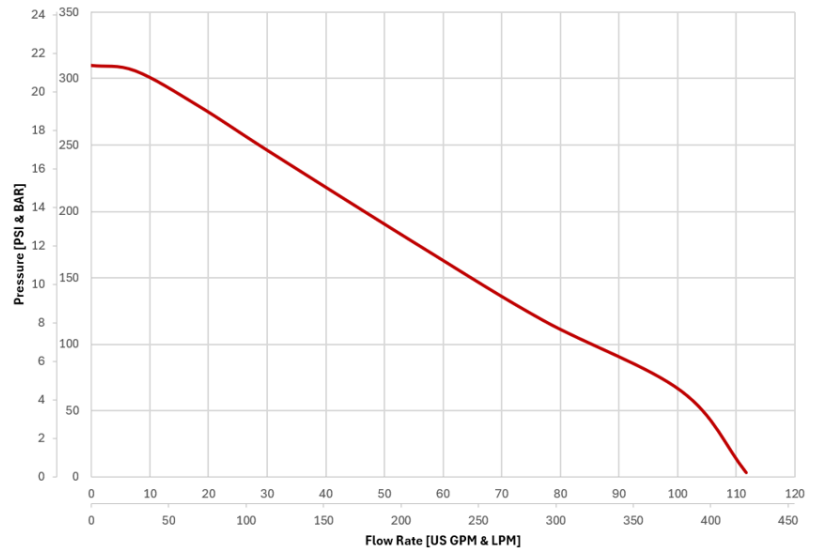
- Quick release clamp and swappable pump ends for minimal equipment downtime and inventory
- Belt drive system for reliable, low maintenance performance
- Aluminum alloy volute and suction cover for light weight and greater resistance to corrosion
- Composite corrosion-resistant pump components
- Sealed bearing to eliminate pump end greasing in the field
- Low oil pressure switch included
- Integral Fuel Tank
- Engine Mount Control Panel with Vernier Throttle.
- EPA & CARB exhaust emission compliant
- Application matched and approved by YANMAR

## SPECIFICATIONS

### Flow rate at specified pressure

Maximum pressure: 310 PSI (21.4 bar)  
 Free Flow: 112 US gals/min (424 L/min)  
 Maximum Head: 716' (218 m)

Flow Rate			Pressure	
US GPM	(LPM)	@	PSI	(BAR)
85	(322)	@	100	(6.9)
65	(246)	@	150	(10.3)
28	(106)	@	250	(17.2)



### Engine Specifications

<b>Maximum power</b>	9.3 hp (6.8 kW) @ 3,600 rpm
<b>Maximum torque</b>	18.3 lb-ft (24.8 Nm) @ 2,000 rpm
<b>Displacement</b>	435 cc (26.5 cu in)
<b>Cooling</b>	Air cooled
<b>Starting system</b>	Recoil starter and electric start
<b>Ignition</b>	Compression ignition system
<b>Air cleaner</b>	Washable filter element
<b>Combustion type</b>	Direct injection
<b>Lubrication</b>	Forced lubricating system Engine oil meeting or exceeding API CJ-4, ACEA E6 or JASO DH-2
<b>Fuel type</b>	Diesel
<b>Fuel tank capacity</b>	1.43 US gal (5.4 L)
<b>Fuel consumption</b>	0.57 US gals/hr (2.2 L/hr)
<b>Controls</b>	Engine Mount Control Panel
<b>Throttle</b>	Vernier Throttle Cable

### Pump Specifications

<b>Type</b>	4-stage, centrifugal pump
<b>Drive</b>	Reinforced flexible gear coupling
<b>Maximum allowable pressure</b>	600 PSI (41.4 bar)
<b>Maximum pressure</b>	310 PSI (21.4 bar)
<b>Maximum flow</b>	112 GPM (424 lpm)
<b>Intake</b>	2" (51 mm) NPSH
<b>Discharge</b>	1-1/2" (38 mm) NPSH
<b>Volute and suction cover</b>	Foam compatible, lightweight anodized aluminum alloy
<b>Impeller</b>	Composite corrosion resistant
<b>Seal</b>	Balanced elastomeric bellows and silicon carbide mechanical rotary seal
<b>Bearing</b>	Maintenance-free 12 mm double row sealed bearing
<b>Pump shaft</b>	Stainless steel



## SPECIFICATIONS

### Primer Specifications

<b>Hand Primer</b>	Guzzler, Diaphragm Type; Reliable, Lightweight and Rugged
<b>Intake and Discharge Port Size</b>	½" Female NPT
<b>Construction</b>	Aluminum handle, composite body, Buna-N reinforced diaphragm and flapper valves
<b>Lift</b>	12 feet (3.7 m) [up to approximately 16 feet (4.8 m) with suction hose foot valve]
<b>Head Capacity</b>	30 ft (9.1 m)
<b>Maximum Pressure</b>	15 PSI (1.03 bar)
<b>Maximum Service Temp</b>	150 °F (66 °C)
<b>Volume per Stroke</b>	0.44 quart (0.42 liter)
<b>Dimensions (L x W x H)</b>	12-3/4" x 4-1/2" x 4-5/16" (324 x 114 x 110 mm)
<b>Weight</b>	1.70 lbs (0.77 kg)
<b>Location</b>	Mounted on starter side of engine

### Frame Specifications

<b>Color</b>	Black
<b>Finish</b>	Powder Coat
<b>Handles</b>	Tubular U-shaped integrated into the base frame

### Controls Specifications

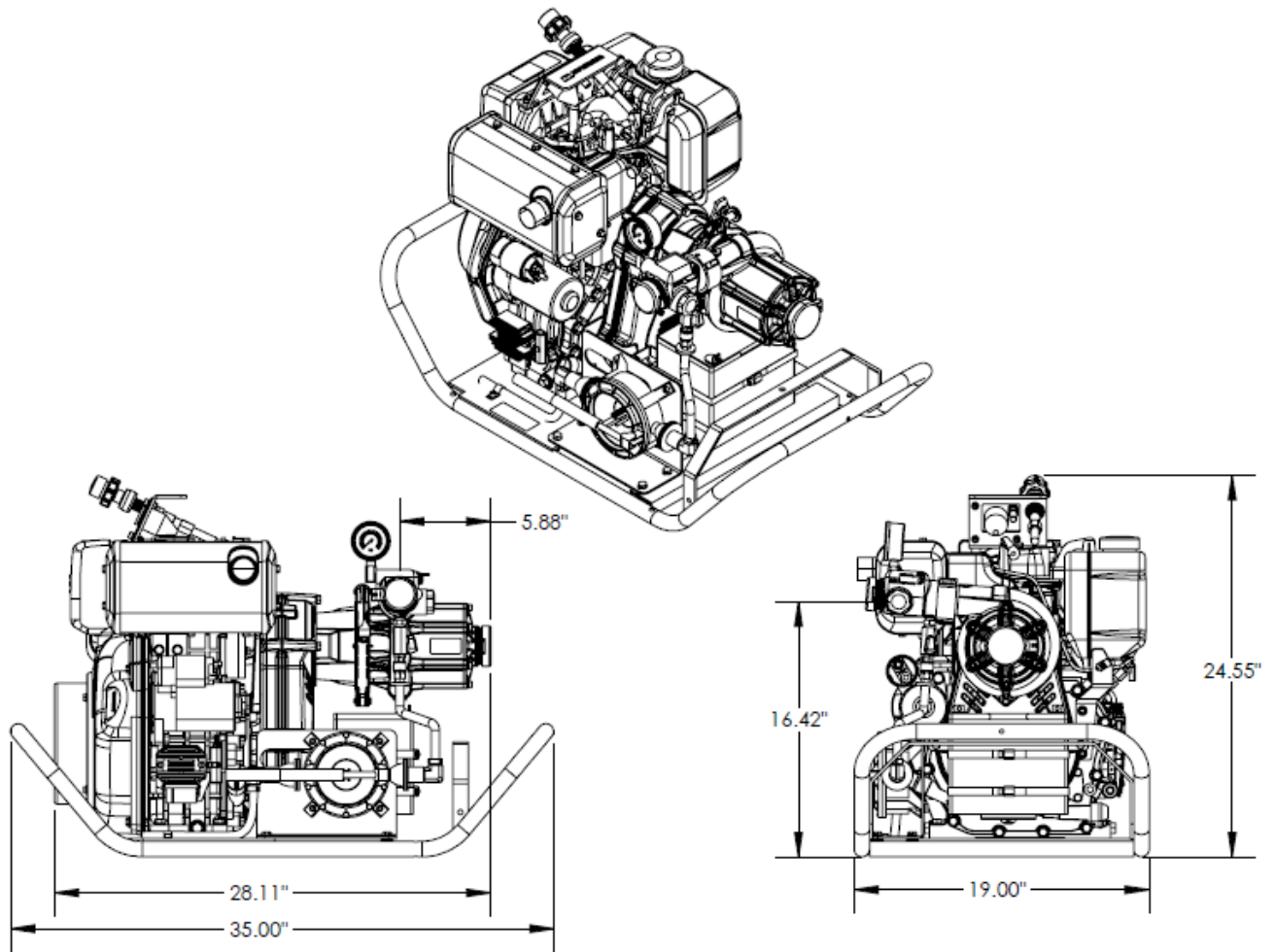
<b>Engine Mount Control Panel</b>	
Start/Stop:	Turn-key rotary switch
Throttle:	Vernier with red push button emergency throttle idle
Low Oil Pressure Warning:	Red LED

### Discharge Gauge Specifications

0 to 600 PSI Dual unit (PSI/kilopascals) liquid filled; Pump mounted.



## TECHNICAL DRAWINGS



**Length** 35.00" (88.8 cm)

**Width** 19.00" (48.3 cm)

**Height** 24.55" (62.4 cm)

**Weight** 206 lbs (93.4 kg)



# **WATERAX**

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To help you stay **#ReadyForWildfires**, we've made a few changes, placing 100% of our focus on manufacturing our core products, portable fire pumps.

To do so, we've established a network of trusted supply and distribution partners that can help us provide *WATERAX* pumps quickly in addition to water-handling equipment and accessories.

For immediate assistance when it comes to pumps and water-handling accessories, please [contact your local dealer](#).

For genuine spare parts, visit our [online store](#).

