

WATERAX

STRIKER-DIESEL Watson Edition

PRELIMINARY & CONFIDENTIAL



DATA SHEET

HIGH PRESSURE 4-STAGE FIRE PUMP

The **WATERAX STRIKER-DIESEL Watson Edition** combines a reliable YANMAR L100 diesel engine, producing 9.3 hp (6.8 kW), with the innovative, lightweight and highly efficient MARK-3® Watson Edition 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, sprinkler systems and is a popular choice for slip-on units.

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
- Slip-on units

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
- External mount fuel pump included
- Vibration dampeners included
- Optional single control panel and dual control panel with remote throttle control
- EPA & CARB exhaust emission compliant
- Application matched and approved by YANMAR



SPECIFICATIONS

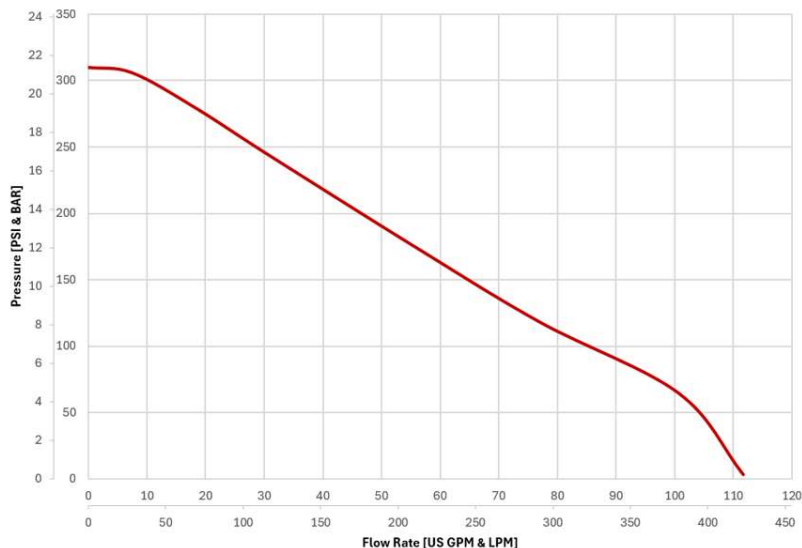
Flow rate at specified pressure

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

Maximum power	9.3 hp (6.8 kW) @ 3,600 rpm
Maximum torque	18.3 lb-ft (24.8 Nm) @ 2,000 rpm
Displacement	435 cc (26.5 cu in)
Cooling	Air cooled
Starting system	Recoil starter and electric start
Ignition	Compression ignition system
Air cleaner	Washable filter element
Combustion type	Direct injection
Lubrication	Forced lubricating system Engine oil meeting or exceeding API CJ-4, ACEA E6 or JASO DH-2
Fuel type	Diesel
Fuel tank capacity	No integral fuel tank
Fuel consumption	0.57 US gals/hr (2.2 L/hr)
Controls	Key switch. Optional custom single panel or dual panel. Two models.
Throttle	Friction plate type. Optional remote throttle actuator.

Pump Specifications

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

CONTROL PANELS

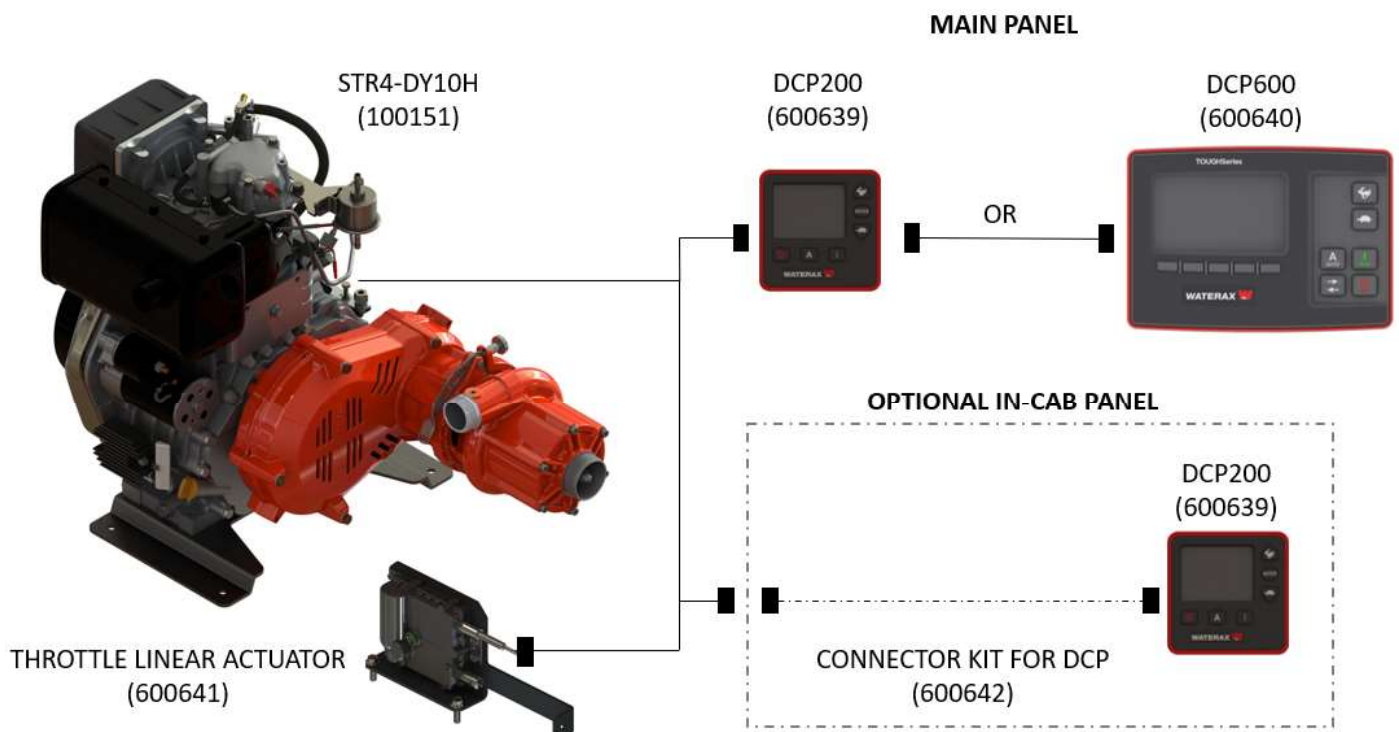
Digital Control Panel – DCP200 (600639)



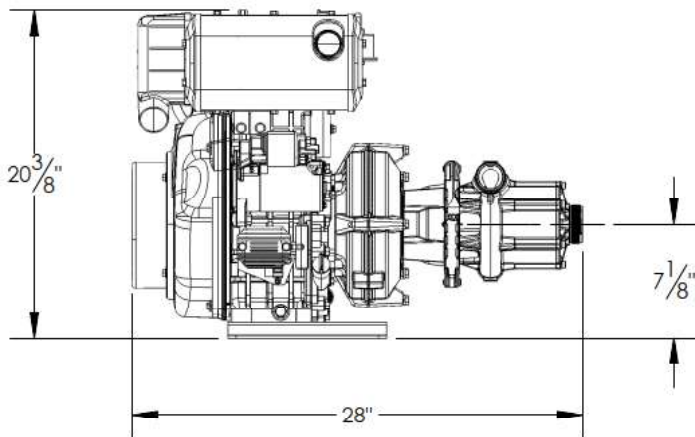
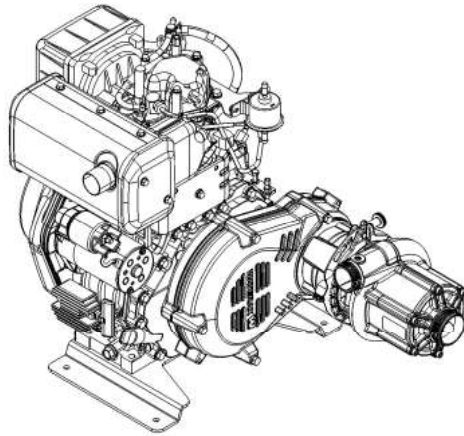
Digital Control Panel DCP600 (600640)



Single or Dual Control Panel Configuration



TECHNICAL DRAWINGS

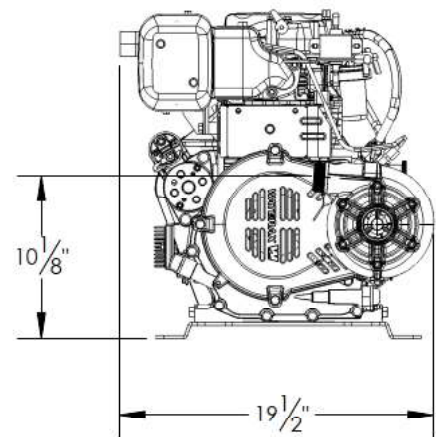


Length 28" (711 mm)

Width 19-1/2" (495 mm)

Height 20-3/8" (518 mm)

Weight 160 lbs (72.6 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](#).

