

MINI-STRIKER®

SERIES



MINI-STRIKER®

LIGHTWEIGHT PRESSURE FIRE PUMP

The **WATERAX MINI-STRIKER®** pump pairs a reliable single stage pump end with the Honda 4-stroke 2.5 HP engine to achieve pressures of up to **85 PSI (5.9 BAR)** and offer volume supply of up to **80 GPM (303 L/Min)**. Extremely portable and lightweight, this mini powerhouse performs well when used by itself or in tandem with other pumps, and is a very popular choice for entry level slip-on applications. It is also particularly suited to some of the latest fire control techniques where small, lightweight equipment is a requirement. The widely-available Honda 4-stroke 2.5 HP engine makes for ease of operation and engine parts sourcing.

Emissions compliant; engine is CARB and EPA certified

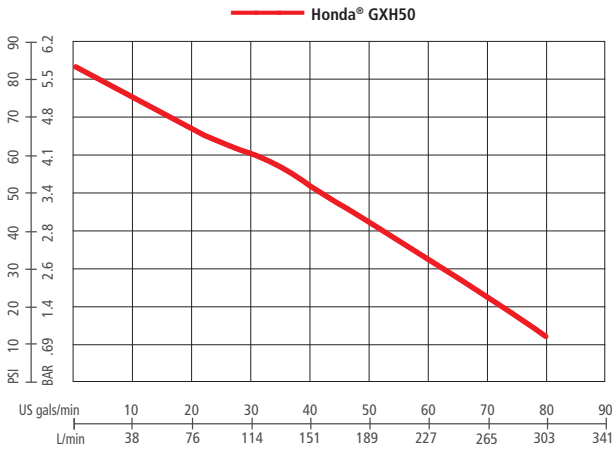
Applications

- Attack line firefighting
- Sprinkler operations
- Tandem pumping over long distances
- Entry level slip-on units

Features and Benefits

- Lightweight aluminium alloy pump components
- Portable and compact
- Comprehensive user and service manuals

SPECIFICATIONS



Flow rate at specified pressure

Maximum Pressure: 85 PSI (5.9 bar)
 Free flow: 80 US gals/min (303 L/min)
 Maximum Head: 196' (60 m)

Flow Rate		Pressure		
US GPM	(LPM)	@	PSI	(BAR)
68	(257)	@	25	(1.7)
42	(159)	@	50	(3.4)
12	(45)	@	75	(5.2)

Engine: Honda® GXH50

Engine Specifications

- Model & Type** Honda, GXH50 Series 4-stroke, horizontal shaft, single cylinder, OHV
- Net Power Output** 2.1 HP (1.6 kW) @ 7000 RPM
- Net Torque** 2.0 lb-ft (2.7 Nm) @ 4500 RPM
- Bore & Stroke** 1.65 x 1.42 inches (41.8 x 36 mm)
- Displacement** 3.01 cubic inches (49.4 cc)
- Starting System** Recoil
- Ignition** Transistorized Magneto
- Governor** Centrifugal Mechanical
- Air Cleaner** Semi-dry
- Cooling** Air Cooled
- Lubrication** Forced Splash
- Oil Capacity** 0.26 quarts (0.25 liters)
- Carburetor** Float Type
- Emissions** Meets current CARB, EPA, and CE requirements.
- Exhaust** US Forestry Service Approved Spark Arrestor
- Fuel Type** Gasoline [unleaded, 86 minimum octane or higher, 10% maximum ethanol]
- Fuel Tank:** Integral 0.81 quarts (0.77 liters)
- Fuel Consumption** 0.17 US gal/hr (0.65 L/hr)

Unit Base Specifications

MSTR-P:
 Black flat polyethylene base with four rubber pads. Unit also provided with a single black composite carry handle mounted on the top for transporting.

Pump Specifications

- Type** Single Stage Centrifugal; Direct Drive
- Description** Low Pressure, Low Flow, Foam Compatible
- Maximum Allowable Pressure** 200 PSI (13.8 bar)
- Maximum Pressure** 85 PSI (5.9 bar)
- Maximum Flow** 80 GPM (303 lpm)
- Intake** 1-1/2" Male NPSH Thread. Protected by Rubber Cap with Retainer (MSTR-P only)
- Discharge** 1-1/2" Male NPSH Thread. Protected by Rubber Cap with Retainer (MSTR-P only)
- Body & Diffusers** Anodized corrosive resistant aluminum
- Impellers** Anodized corrosive resistant aluminum
- Pump Shaft** Stainless Steel
- Pump Seal** Heat Resistant Rotary Mechanical Seal – Maintenance Free
- Color** Red

Controls

Engine choke, shut-off, throttle, and fuel valve control levers with low oil pressure shutdown.

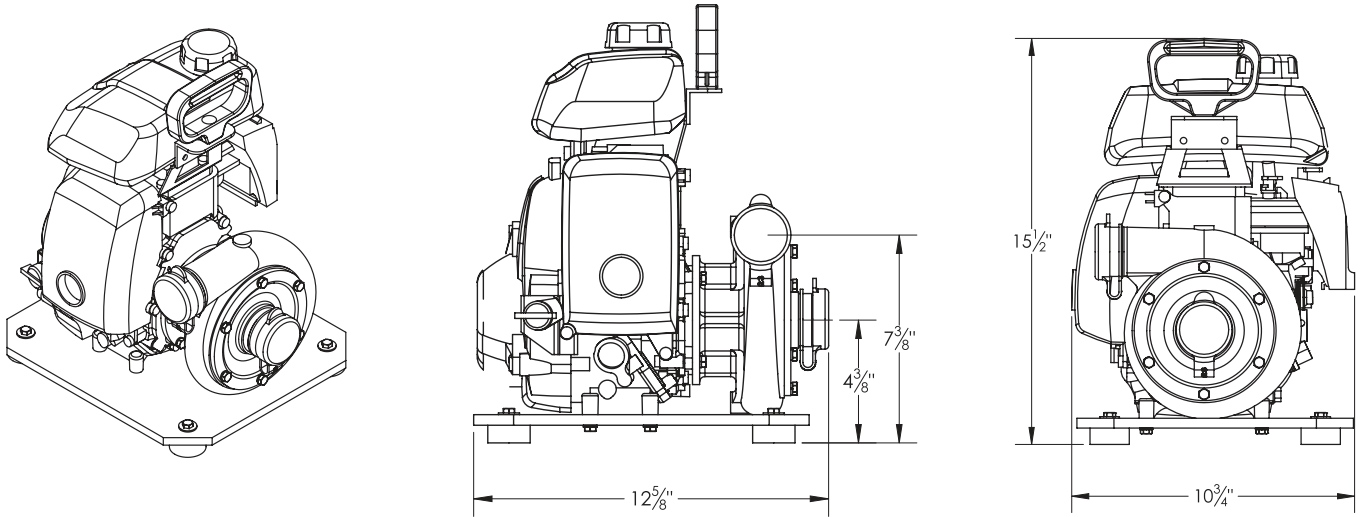
MSTR-V:

Four industrial isolators mounted directly to the engine base with M6 x 1.0 female thread.

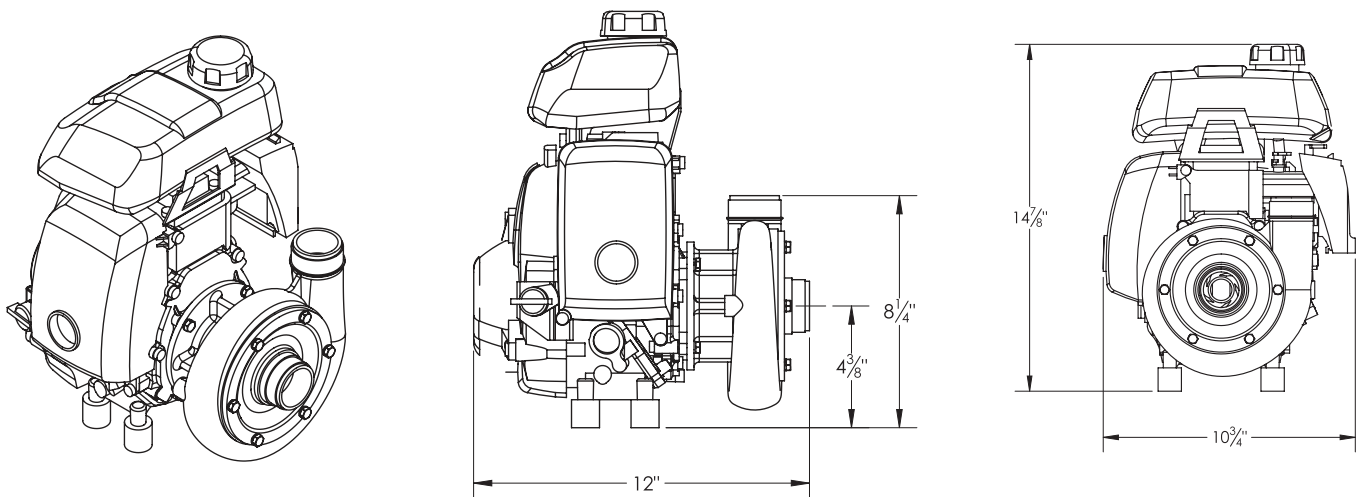
All features are not available on every model. Please refer to the product selection matrix to select the proper model.

TECHNICAL DRAWINGS

MSTR-P Length 12-5/8" (32 cm) Width 10-3/4" (27.3 cm) Height 15-1/2" (39.3 cm) Weight 20 lbs (9 kg)



MSTR-V Length 12" (30.4 cm) Width 10-3/4" (27.3 cm) Height 14-7/8" (37.7 cm) Weight 19 lbs (8.6 kg)



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