

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

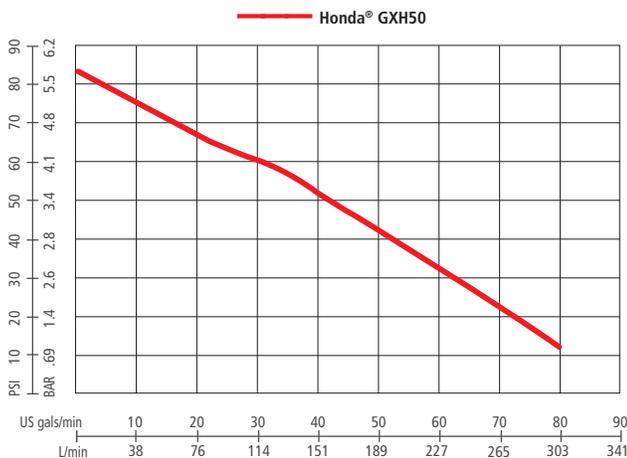
Applications

- 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

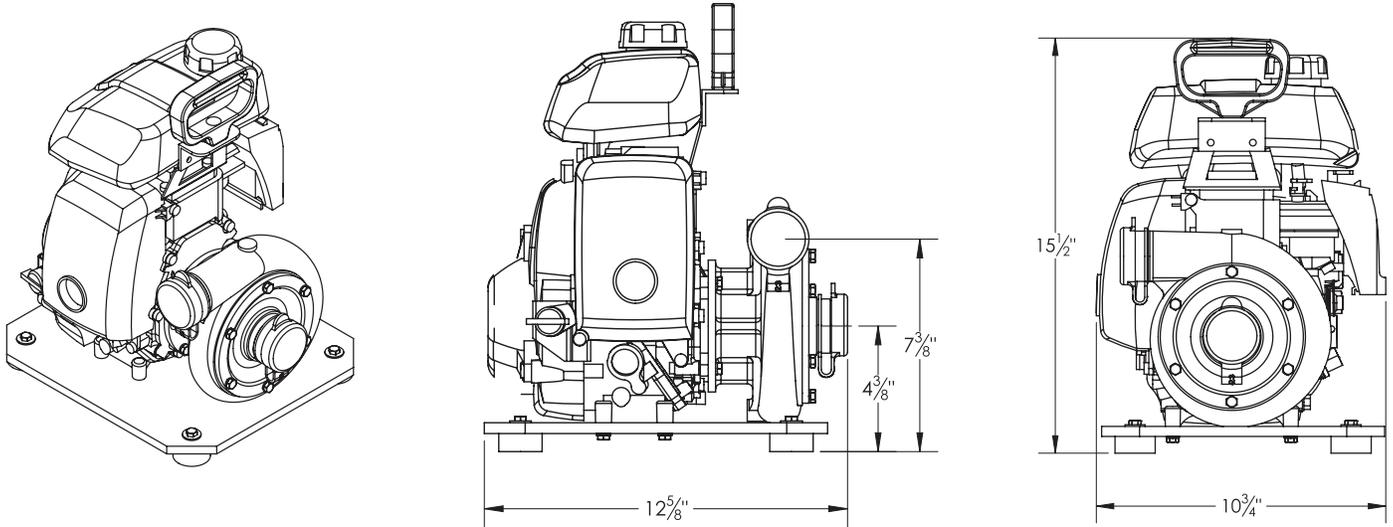
Engine choke, shut-off, throttle, and fuel valve control levers with low oil pressure shutdown.

MSTR-V:

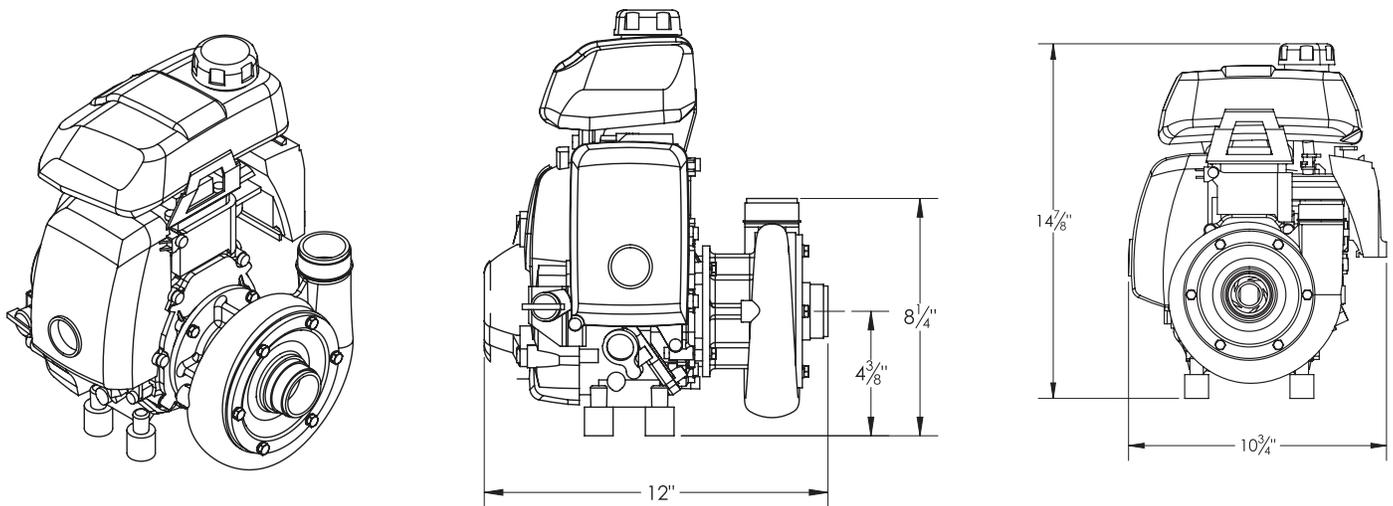
Four industrial isolators mounted directly to the engine base with M6 x 1.0 female thread.

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)



WATERAX

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