

13HP Briggs AMT 2.0" Intake Fire Pump Package Specifications

Key Features:

- Briggs & Stratton Vanguard engine 479cc, 2 cylinder, 13 HP, electric start with manual recoil backup
- Battery and trickle charger installed
- AMT (American Machine & Tool) Two Stage Pump with 2.0" intake and PSI Gauge on discharge
- Pump sprays water 130 Feet from 1.5" nozzle after 100 feet of fire hose
- Pump produces Max 155 PSI; 140 PSI at 70 GPM, 105 PSI at 120 GPM
- 15 Foot 2.0" Suction Hose with Cam Lock fitting
- Pressure Relief Valve protects pump from overheating when nozzles are closed and engine running
- Two fire hose connections – 1.5" and 1.0". Pump can run two fire hoses concurrently and two 1.5" fire hoses with optional Gated Wye
- 300 feet of Fire Hose (200' of 1.5", 100' of 1.0") with 2 nozzles for both hose sizes (Pistol Grip D-Handle on/off, 150 PSI rating)



3 Configurations available:

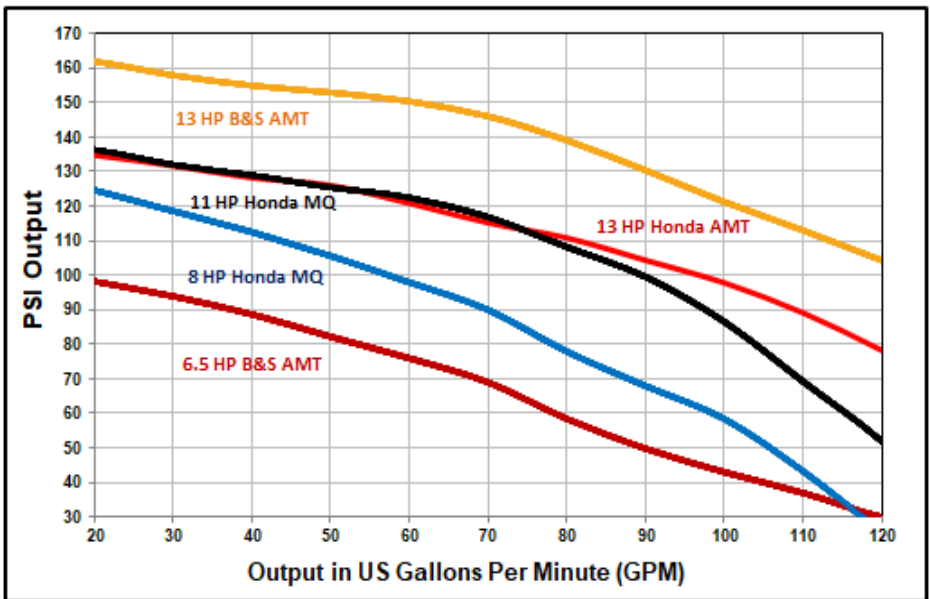
- * Portable on upright 2-wheel equipment cart with no-flat tires and hose hanger (image above), or
- * Portable with 2 wheels on frame and folding handles, with fire hoses and nozzles stored in all-weather lockable container (included with Package), or
- * Stationary with Fire Pump mounted near water supply source (no equipment cart) with fire hoses and nozzles stored in all-weather lockable container (included with Package).

13HP Briggs AMT 2.0" Intake Fire Pump Package Specifications

Fire Pump Package	13HP Briggs AMT 2.0
Pump Pressure (PSI) at:	
70 GPM	146
100 GPM	124
150 GPM	67
200 GPM	-
250 GPM	-
Water Spray from 1.5" Nozzle after 100 Feet of Fire Hose	130
Factors Affecting Selection:	
Portable	YES
Thermo Gel as primary protection	YES
Water Supply < 3k Gal	NO
Nozzle 20'+ higher than Pump (A)	YES
Nozzle 40'+ higher than Pump (A)	YES
Hose/Pipe Run > 400' level ground	YES
Two 1.5" Fire Hoses Concurrently	YES, with Gated Wye
Electric Start	YES
Perimeter High Volume Sprinkler System	YES
Exhaust driven Primer	NO
Salt Water	NO
Diesel Fuel	NO
Fire Hose in Standard Package	300 Feet
Pricing US\$, excluding shipping and CA Sales Tax	
Manual Start	Included
Electric Start (C)	\$ 4,499



Pump Performance Curves 6 to 13 HP Engines



Sold by: Fire Pump and Hose Packages LLC www.FirePumpAndHose.Com
Email: Info@FirePumpAndHose.Com (800) 797-1310

Options Available:

- Electric Vacuum Primer for faster and easier priming with less engine wear. See image below.
- Gated Wye Valve for Two 1.5" discharges
- 6 Gallon Axillary Fuel Tank and Fuel Switch for use with Sprinklers and Irrigation
- Check Valve on Discharge for applications where fire hose nozzle is 20+ feet higher than Fire Pump (can be used in combination with Gated Wye Valve)
- Custom Pump Cover for weather protection
- Water Tank connection fittings
- Lake/Ocean Float Dock for Suction Hose
- High Volume Filter for Suction Hose



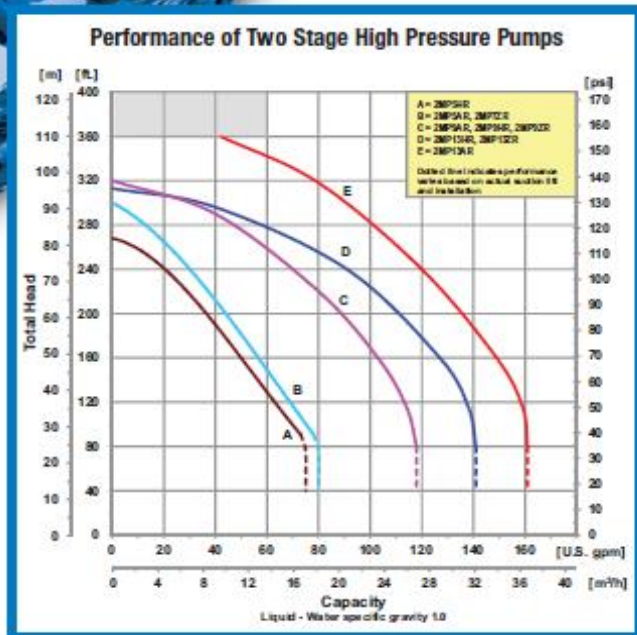
IPT ENGINE DRIVEN TWO STAGE HIGH PRESSURE/FIRE PUMPS



Engine Driven Two Stage High Pressure/Fire Pumps

- **Cast Aluminum Construction with Cast Iron Diffusers**
- **High Efficiency Two-Stage Precision Cast Aluminum Impellers**
- **2" NPTM Cast Iron Suction Port**
- **Three-Way Cast Iron Discharge Port**
- **Viton® Mechanical Seal with Silicon Carbide and Carbon Faces**
- **EPDM/EPR O-Rings and Gaskets**
- **Maximum Head up to 155 PSI**
- **Maximum Flow up to 160 GPM**
- **Built-in Flapper/Check Valve Permits Self-priming to 20 Ft.**
- **Heavy Duty Steel Roll Frame Included**
- **Engine Options: Honda, Briggs & Stratton Gasoline or Hatz Diesel**
- **Optional Wheel Kit Available**

Close Up View of
Optional 1-1/2"
MNPT 2MPX-90
Flange Kit



The IPT Self-priming Two-stage High Pressure Engine Driven pump includes precision cast high efficiency impellers to maximize performance and pressure. Cast iron diffusers for durability and extended life. Aluminum construction and heavy duty powder coated steel frame allows portability for use in many applications. This pump features cast iron male NPT ports, silicon carbide mechanical seals, EPDM/EPR O-rings and gaskets, built-in flapper/check valve and wrench for easy service of the pump. This unit is ideal for fire protection, emergency fire fighting, washdown and AG/sprinkler applications.



400 Spring Street • Royersford, PA 19468 USA
www.amtpump.com • 888-amt-pump (268-7867)

For use with nonflammable liquids compatible with pump component materials. Viton® and Teflon® are registered trademarks of E. I. DuPont.

FIRE-7



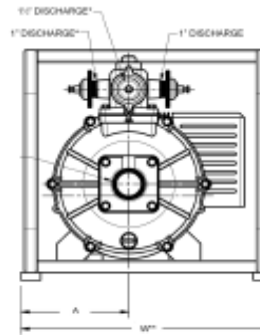
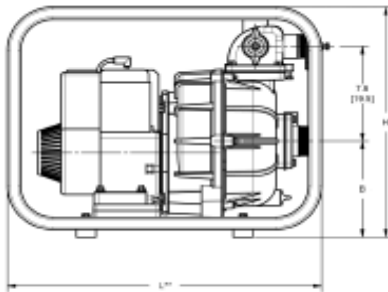
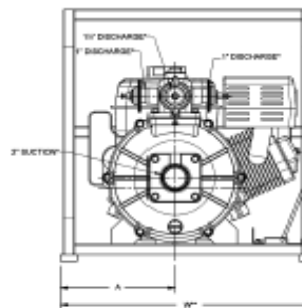
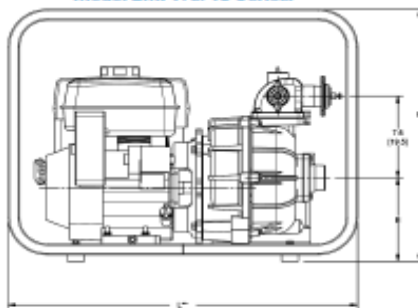
Engine Driven Two Stage High Pressure Pumps

Pump Dimensional & Specification Data

Model	Curve	Driver	Seal Type & Elastomer/Faces	Run Time (Hr.)	Tank Size (Gal/Ltr)	Ship Wt. (Lbs.)
2MP5HR	A	Honda GX160 [▲]	Viton [®] Silicon Carbide/Carbon & EPDM/EPR O-rings, Gasket & Flapper/Check Valve	2.0	0.82/3.1	110
2MP7ZR	B	Hatz 1B30 ^{▲++}		2.8	1.32/5.0	190
2MP5AR	B	B & S Vanguard [▲]		1.3	0.87/3.3	110
2MP9ZR	C	Hatz 1B40 ^{▲++}		1.9	1.32/5.0	240
2MP9HR	C	Honda GX270 [▲]		2.5	1.40/5.3	145
2MP9AR	C	B & S Vanguard [▲]		1.5	0.95/3.6	145
2MP13HR	D	Honda GX390 ^{▲++}		2.5	1.60/6.1	185
2MP13ZR	D	Hatz 1B50 ^{▲++}		1.8	1.32/5.0	270
2MP13AR	E	B & S Vanguard ^{▲++}		1.8	2.25/8.5	175

Construction: Aluminum
[▲] Oil Alert Included

⁺⁺ Electric Start

Model 2MP5 Series:

Model 2MP7/9/13 Series:


Standard Features

- Cast Aluminum Construction with Cast Iron Diffusers
- High Efficiency Two-Stage Precision Cast Aluminum Impellers
- 2" NPTM Cast Iron Suction Port
- **2MPX-90** - Optional 1-1/2" Suction Port Flange Kit Available
- Three-Way Cast Iron Discharge Port – includes (1) 1-1/2" NPTM & (2) 1" NPTM
- Viton[®] Mechanical Seal with Silicon Carbide/Carbon Faces
- EPDM/EPR O-rings & Gaskets
- Choice of Briggs & Stratton, Honda Gasoline or Hatz Diesel Engines
- Heavy Duty Steel Roll Frame Included
- Maximum Head up to 155 PSI
- Maximum Temperature 200° F
- Maximum Flow up to 160 GPM
- Optional High Pressure Hose or Wheel Kit Available, See Accessories Pages for More Information
- **Models 2MP9/2MP13 meet or exceeds US Coast Guard Fire Pump Performance Requirement as specified by 46 CFR 27.301 (Jan 1, 2004 Revision)**

Model	HP Class*	SUC*	DIS*	A	B	L**	W**	H
2MP5HR	5 HP	2	3-Way	8.2 [21.0]	7.7 [19.7]	24.0 [60.9]	19.2 [48.7]	18.6 [47.2]
2MP7ZR	7 HP	2	3-Way	8.2 [21.0]	11.6 [29.4]	24.0 [60.9]	19.2 [48.7]	18.6 [47.2]
2MP5AR	5 HP	2	3-Way	8.2 [21.0]	7.7 [19.7]	24.0 [60.9]	19.2 [48.7]	18.6 [47.2]
2MP9ZR	9 HP	2	3-Way	8.6 [22.0]	11.4 [29.2]	31.0 [78.7]	22.5 [57.1]	23.6 [60.0]
2MP9HR	9 HP	2	3-Way	7.8 [19.9]	10.0 [25.4]	31.0 [78.7]	22.5 [57.1]	23.6 [60.0]
2MP9AR	9 HP	2	3-Way	7.8 [19.9]	10.0 [25.4]	31.0 [78.7]	22.5 [57.1]	23.6 [60.0]
2MP13HR	13 HP	2	3-Way	7.8 [19.9]	10.0 [25.4]	31.0 [78.7]	22.5 [57.1]	23.6 [60.0]
2MP13ZR	13 HP	2	3-Way	7.8 [19.9]	10.0 [25.4]	31.0 [78.7]	22.5 [57.1]	23.6 [60.0]
2MP13AR	13 HP	2	3-Way	7.8 [19.9]	10.0 [25.4]	31.0 [78.7]	22.5 [57.1]	23.6 [60.0]

(*) HP Class represents market category and is not intended to define actual horsepower.

(†) Standard NPT (Male) pipe thread.

(**) This dimension may vary due to engine manufacturer's specifications.

NOTE: Dimensions are in inches (centimeters) and have a tolerance of ± 1/8".


Manufacturer of AMT & IPT Pumps

400 Spring Street • Royersford, PA 19468 USA

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