

Item #: MRHP **Description:** DragonForce Hydraulic Micro Rescue Pump

The MRHP is a lightweight single outlet two stage hydraulic pump that can operate a single rescue tool. The hydraulic pump is powered by a Japanese made Honda GX 50 engine. Components include motor, carry handle, base frame, and single outlet manifold and hydraulic reservoir.



• Engine - Honda GX 50	• 2 Stage Radial Piston Pump
• Two Stage	• Quiet Operation
• Single Tool operation	• Fully portable

Information:

Dimensions: L x H x W mm	320x270x390 mm
Weight: Kg	14 Kg
Warranty:	2 Years
Standards/Approvals:	ISO9001-2008
Manufacturer:	Aolia
Country of Origin:	China

Service Intervals	12 Months
Rated Output Pressure	630 Bar
Rated Output Flow(High Flow)	≥0.7L/min*2
Rated Output Flow(Low Flow)	≥1.7/min*2
Hydraulic Oil Volume	3L
*Operational /Service life expectation	10 Years

* Operational/Service life Expectation is an estimation of the whole of life period of each product when installed, maintained and serviced according to the manufacturers recommendation or their warranty conditions. This information is provided as an indicative guide only and in no way implies or suggests an extended warranty or any responsibility of the manufacturer or BRT Fire and Rescue Supplies beyond the nominated warranty period.



Operation:**Important Safety Information!**

Full PPE should be worn with protective eyewear down whilst connecting and operating hydraulic rescue tools.

- 1) Check all engine and hydraulic fluid levels lubricants, prior to operation.
- 2) Connect Tools
- 3) Open fuel tap and turn kill switch to on
- 4) Check that operating pressure dial adjuster is in neutral position

- 5) Turn on choke and set throttle position to start
- 6) Grip pull starter and firmly pull.
- 7) When engine starts, run engine, turn off choke then adjust throttle to desired engine setting
- 8) Engage pressure on dial adjuster to direct flow to pump outlet manifold and tool.
- 9) To turn off, slow throttle turn kill switch to off position, then turn fuel tap to off position.

Testing and Maintenance:

Tools should be checked after the completion of each rescue or training operation visually to ensure there are no obvious defects or damage to the tool.

Ensure pump and couplings are clean and dust caps are on prior to being stowed.

Pump should be checked and tested annually by a qualified technician

Safety:

Full PPE should always be worn with protective eyewear down whilst connecting and operating hydraulic rescue tools.

Motor pump should be operated a horizontal, work condition and not be operated on gradients greater than 30Degrees.

