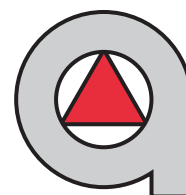


# METAL MAIDEN

## Transfer Pumps for use with molten metal

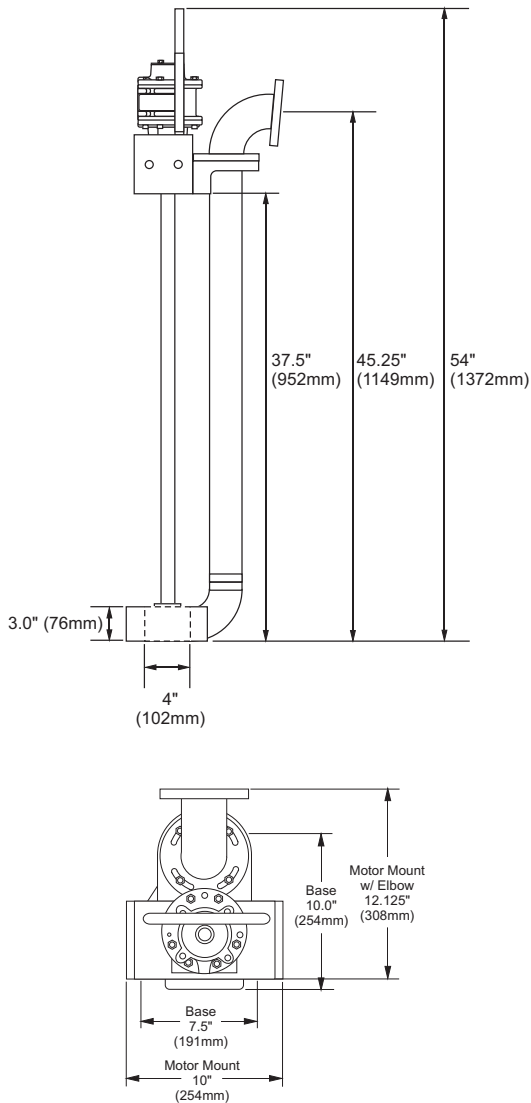
- ▶ **ZINC (Zn) Alloys**
- ▶ **TIN (Sn)**
- ▶ **LEAD (Pb)**
- ▶ **MAGNESIUM (Mg)**

- Rugged pump designed specifically for the harsh molten metal environment.
- Features a large 4" diameter rotor specifically designed to provide both high flow and high lift capabilities.
- Pneumatic motor allows variable speed operation for varying metal flow.
- Also available with electric motor and controls
- Different lengths to meet your needs in increments of 6" (150mm)
- Available in stainless steel for use with Zinc or Lead alloys and cast iron for Tin alloys where nickel contamination is a concern
- Engineered to provide long service life
- Designed for ease of assembly and repair
- Transfer piping available for use with the pump, with or without insulating refractory liners.



**Molten  
Metal  
Equipment  
Innovations**

## Dimensions for Std. Length Pump

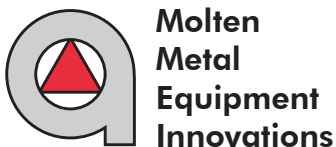


### Notes:

Above dimensions are for a standard length pump with an air motor. This pump is also available with an electric motor which may change the overall height of the pump.

The pump is available in longer or shorter lengths in 6" (150mm) increments. Please contact us for a recommendation for your application.

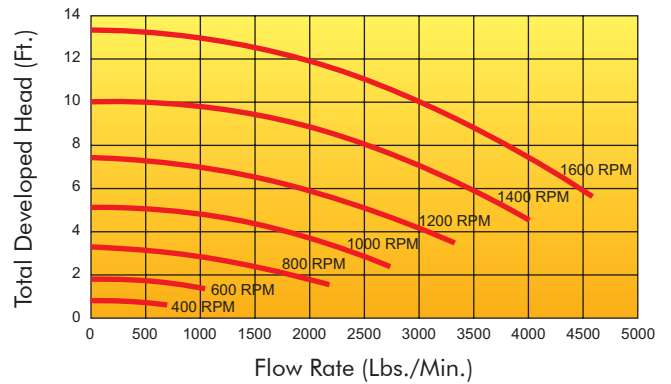
## Who to Contact for More Information:



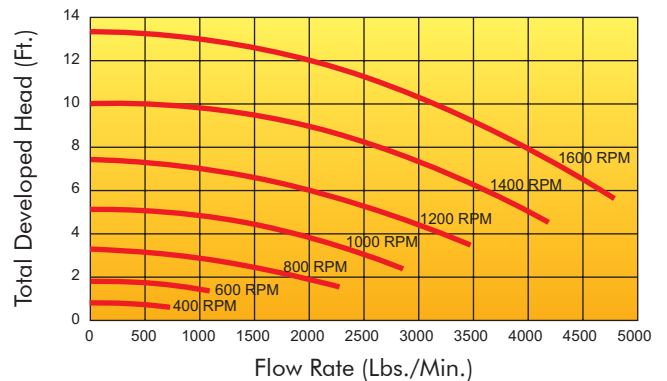
16286 Nauvoo Road, Middlefield, OH 44062 USA  
Tel: (440) 632-9119 Fax: (440) 632-9187  
e-mail: info@mmei-inc.com Website: www.mmei-inc.com

## Flow Charts

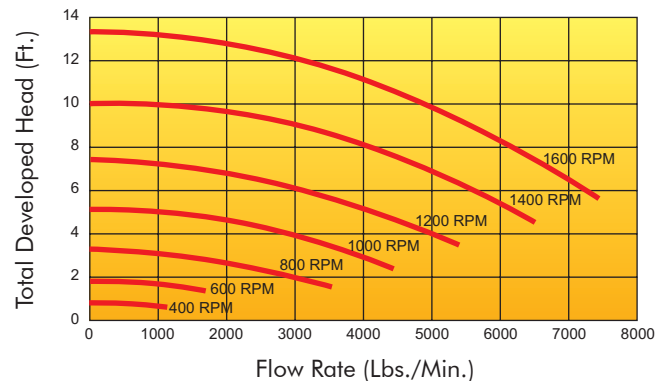
### Flow chart for pumping molten Zinc (Zn)



### Flow chart for pumping molten Tin (Sn)



### Flow chart for pumping molten Lead (Pb)



Note: Above flow rates do not take into account resistance from transfer piping which will effect actual flow rates achieved. This resistance will vary with each piping run. Above flow charts should be used only as a general guideline.