

Design Features

- Heavy duty construction with through-bolt design provides ease of maintenance and minimal downtime
- Ductile iron fully lined casing provides durability, strength, safety, and long service life
- Large diameter, slow turning, high efficiency impellers designed to achieve maximum wear life and low operating costs
- Large, open internal passages designed to reduce internal velocities, maximise wear life and lower operating costs
- Unique impeller design for most difficult froth applications
- Thick elastomer or alloy bolt-in liners provide superior corrosion resistance plus offer ease of liner change-out and interchangeability to reduce overall maintenance costs and maximise wear life
- Minimal shaft/impeller overhang reduces shaft deflection and increases packing life
- Cartridge-style bearing assembly allows for maintenance in a clean environment without removal of the pump, resulting in reliable operation and prolonged bearing life
- Standard Tobee® TH® pump and Tobee® TLF pump can be converted by replacing cover plate, throatbush and impeller
- Full flush, low flow or dry running centrifugal seals minimise water usage and operating costs

Specifications

- Size range (discharge): 2" to 22" (50 mm to 550 mm)
- Capacities to: 20,000 gpm (4,550 m³/hr)
- Heads to: 120 ft (37 m)
- Pressures to: 500 psi (3,445 kPa)

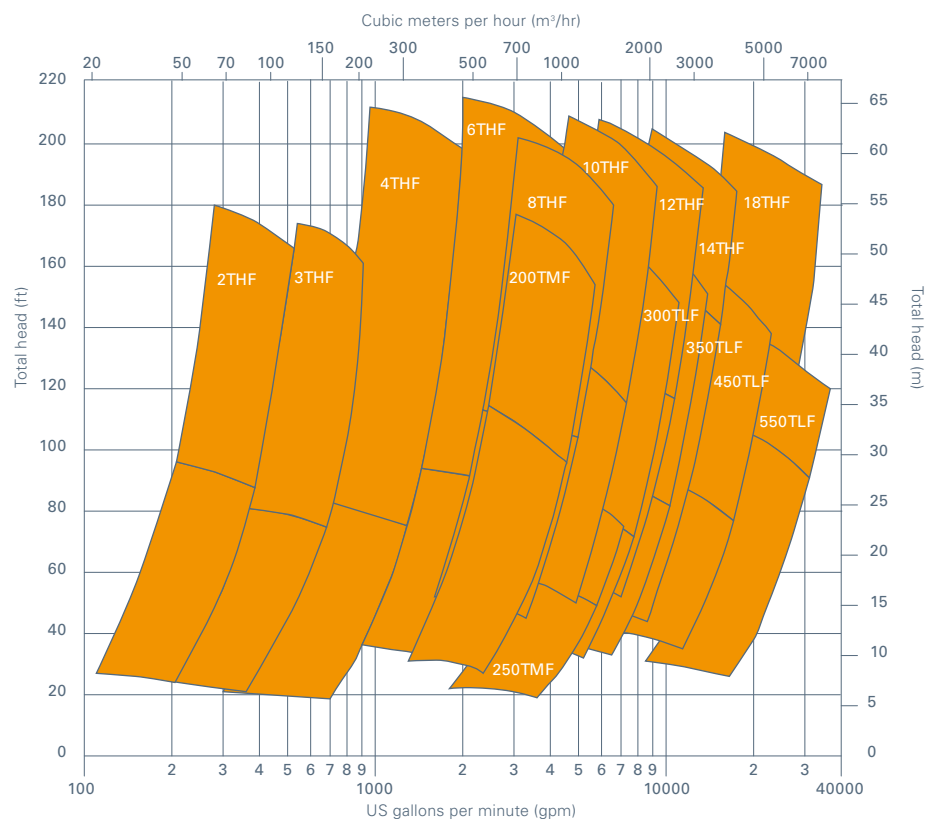
Horizontal froth pump for tough flotation froth duties

Designed to handle heavy froth, the Tobee® horizontal froth pump has a unique inlet and impeller design that is very successful where others fail.

A large oversized inlet with a unique impeller inducer blade handles heavy froth and higher viscosity dense slurries with ease. The Tobee® THF/TLF/TMF line of horizontal froth pumps has proven valuable for very dense slurries where viscosity starts to become a pumping issue for the standard slurry pump.

Tobee® THF/TLF/TMF horizontal froth pumps – quick selection guide

Approximate clear water performance - to be used for preliminary selection only.



Note: * Product specifications are subject to regional variations.



Tobee® THF Horizontal Froth Pump