RAPTOR Transfer Pump

Transfer Pump for use with molten metal

- ALUMINUM
- ZINC

- Use it to pump out your furnace and to fill crucibles, ladles, molds or ingots.
- Flow rates up to 800 lbs.(360 Kgs.) per minute and more.
- Pump body is made from graphite which allows quick-immersion.
- Unique “vortex busting” interior reduces vortexing and formation of dross during transfer.
- Rugged pump construction, built for the harsh molten metal environment.
- Energy efficient electric motor allows variable speed operation for varying metal flow. The pump is available with electric controls and an integrated cooling blower.
- Eliminate the costly expense of riser tubes and transfer piping.
- Engineered to provide long service life.
- Designed for easy assembly and repair.
- Refractory lined launder sections available in lengths up to 48” for use with the pump.

MOLten Metal Equipment Innovations
Features & Benefits

1. Driven by a reliable, high efficiency electric motor.
2. Cooling blower attached to pump ensures electric motor is always cooled (blower not shown).
3. Heavy duty shaft designed to maximize service life while reducing vortexing.
4. Special rotor design (hidden) pushes metal upwards, reducing vortexing around the shaft while minimizing turbulence.
5. Wide pump outlet (laundry connection) provides quiescent metal flow and reduces dross formation.
6. Rugged body is made from graphite and has unique “vortex busting” pathway to reduce dross formation.

Dimensions

- Footprint = A x B
- Lengths: 15”, 21”, 27”, 33”
- Footprint: 10” x 10”
- Metric Lengths: 381, 533, 686, 838mm

The RAPTOR Pump is available in multiple lengths to meet your needs.

Who to Contact for More Information

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The RAPTOR Transfer Pump is perfect for transferring directly to another furnace or into ladles.