



# Centrifugal Casting for the 21st Century!

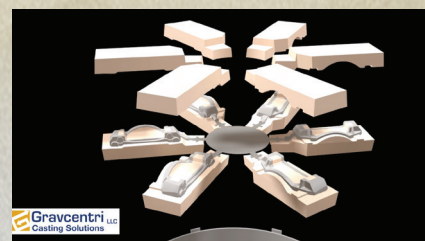
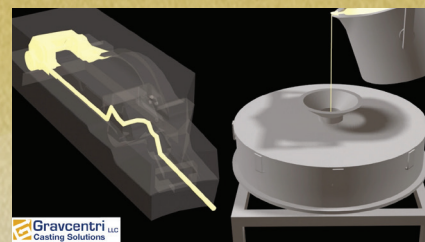
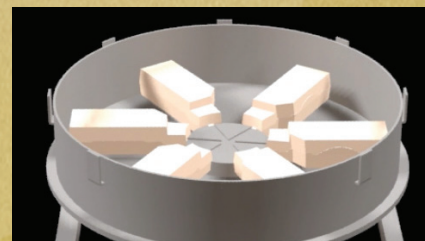
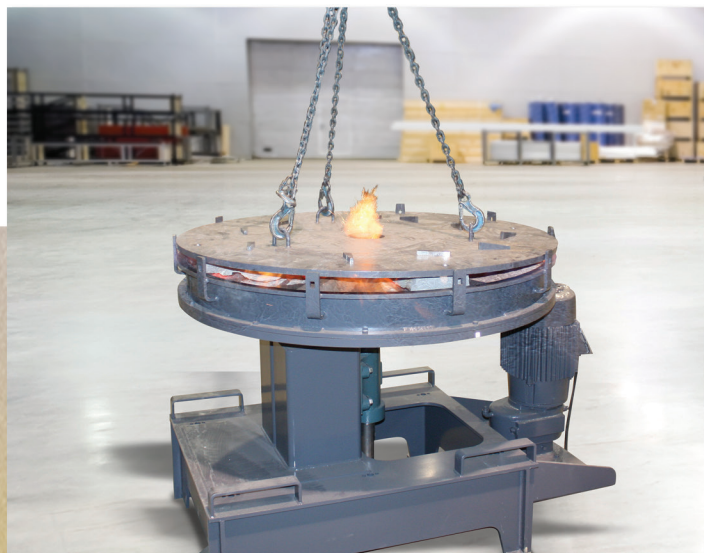
US Patent No. 8,186,417 B2

## Horizontal Speed Controlled Centrifugal Process

The molten metal is gradually fed into the mold cavity under centrifugal force and it continuously feeds until the last portion reaches the riser. The last metal into the mold is always the last metal to solidify; so the riser is always hotter than the casting.

### Advantages

- Yield can average 80%, or more.
- Eliminates pouring basins, gates, runners, and downsprues.
- Cast difficult thin wall sections or castings made of hard to cast metals, efficiently and easily.
- High production rates and easily automated.
- Improve mechanical properties with no additional cost.
- Lower pouring temperatures.
- Dramatically reduce mold size for lower reclamation requirements.
- Works with all metals!



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