



METAL TRANSFER SYSTEM

DYNAFAST

PATENT
PENDING

- **Automated system for transfer of metal by siphoning. Safe, without oxidation, and designed for casting center applications.**



BENEFITS

- Important reduction in skimming requirements and tool wear
- Reduction of metal losses due to oxidation in the range of 0.5% to 2.0%
- Increased safety by eliminating operator exposure to molten metal
- Fully automated operation, which reduces manpower requirements (handsfree operation)
- Time savings thanks to increased metal transfer efficiency (5 MT/min vs 2-3 MT/min)
- Intelligent control of siphoning to avoid clogging and siphon blockage
- Cost savings thanks to the use of a stationary furnace instead of a tilting furnace
- Possibility of use in itineraries of existing metal crucibles
- Possibility of transferring metal into existing crucibles (no new crucibles required)
- DYNAFAST permits implementation of recycling in existing plant

TECHNICAL FEATURES

- Three types of transfers:
 - From remelt furnace to casting furnace
 - From remelt furnace to crucible
 - From crucible to crucible
- Handling, preheating, positioning and automatic operation through HMI and PLC
- Control software for siphoning parameters
- Integrated preheating system



Information: sales@dynamicconcept.com
N. America: +1.418.542.6164
Europe: +33 (0)4 28 29 41 44

dynamicconcept.com

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