

DYNAFEED

**PATENTED
TECHNOLOGY**

— (Automated Metal Feeding System for Crucibles)

Automated craneless system designed for transferring metal from a crucible in casting center applications



BENEFITS

- Reduction of Capex and Opex:
 - No overhead crane required
 - No casting furnace required
- Fully automated “handsfree” operation
- Increased safety: eliminates operator exposure to hot metal
- Precise and integrated metal flow control
- Increased casting capacity:
 - Maximisation of mould fill level
 - Repeatability and standardization of production
- Reduction of dross production
- Uniform end product

TECHNICAL FEATURES

- Built-in load cells for precise control of metal flow and quantity of metal
- Laser control of metal level
- Crucibles handled from the ground equipment
- Built-in “failsafe” security features
- Compatibility with existing crucible transport vehicle
- AGV Ready (Auto-Guided Vehicle)
- “Under pour” casting without exposure to air

APPLICATIONS

- From crucible to furnace
- From crucible to crucible (transport)
- From crucible to sow machine
- From crucible to ingot mould
- From crucible to another casting machine