Castings

Conveyors
Carrier’s line of foundry conveyors are designed for mold dump, transfer, casting cooling, shakeout, or sorting

Heavy duty replaceable pan to allow for thermal expansion ensures a long life and low maintenance

Can be balanced to reduce reactions

Able to convey on an incline and orient castings

Feeders
Energy efficient way to convey while simultaneously controlling the feed rate

Able to withstand high sudden capacities without issue

Screening decks available to provide additional processing

Two-directional and fixed or adjustable rate designs available to fit specific requirements

Shakeouts
Wide range of deck designs available, each specially engineered for maximum sand separation and minimum damage to castings

Patented Delta-Phase® design allows angle of attack variations providing precise control over retention times

Will not overstroke under upset conditions

Barrel Horses
Creates a vibrating sand bed for castings to swim in, gently and effectively cleaning castings while providing efficient heat transfer for casting cooling and sand conditioning

Sand blending action creates agitation and mixing of the sand, returning a homogenous sand for reuse

Able to move sluggish materials and clean sand from otherwise difficult castings

Can convey sand and castings up an incline
**Conveyors**

Custom counterflow design can receive, convey, and feed sand from multiple mold lines

Special wear liners to prevent hot sand sticking

Sand conveyors are able to be built into other equipment to scalp and return sand all in one process

Optional hot air hoods can reduce sand sticking and minimize dust

**Feeders & Screeners**

Polished or coated trough to reduce sand sticking

High temperature design and able to maintain consistent stroke under heavy headloads

Scalping and screening decks and removable dust tight covers available

**Fluid Bed Sand Coolers**

Vibration helps to move sluggish and oversized sand

Sand is continuously mixed while cooling, returning a homogenous sand with no hot spots

Specifically designed fluidizing decks ensure maximum thermal efficiencies

Screening and lumpbreaking can be combined for all in one machine

Water addition systems available

**Attrition Mills/Lump Breakers**

Reduces sand lumps down to grain size while removing tramp metal

Automatic discharge gate discharges metal to prevent overload without stopping unit
Since 1950, Carrier Vibrating Equipment has been designing and manufacturing custom foundry equipment, with our equipment trusted in production lines around the world.

We know the unique issues facing the foundry industry, and our engineers are experienced in solving those issues. Our R&D department is constantly finding new ways to increase your casting quality and efficiency.

We can help at every point of your foundry line.

Carrier’s Line of Heavy Duty Foundry Equipment

Feeders
Conveyors
Shakeouts
Attrition Mills
Fluid Bed Sand Coolers
Barrel Horses
Furnace Charge Feeder
Spiral Elevators

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