

# Foundry

**Carrier**  
Vibrating Equipment, Inc.

502-969-3171

CVE@carriervibrating.com

www.CarrierVibrating.com

# Shakeouts

## Patented Delta-Phase® Shakeouts

-Angle of vibration can be changed, even on the fly, allowing for precise control of conveying and retention times

-Custom recipes for different sized castings as production requires

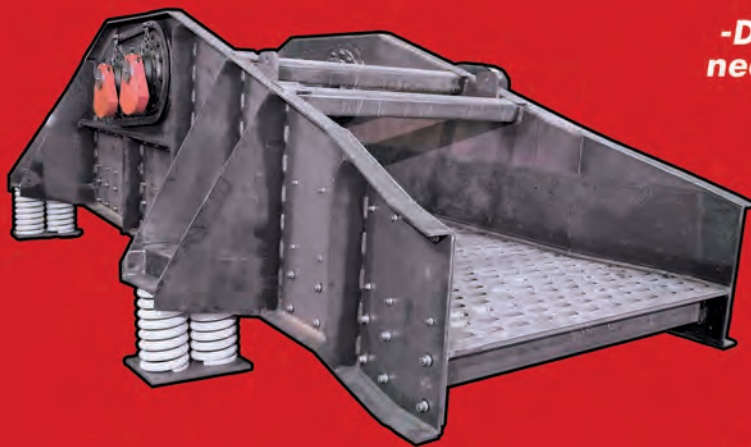
-Eliminates casting damage and maximizes sand removal, reducing downstream costs and time

-Design allows for multiple castings to be loaded at the same time, eliminating bottlenecks



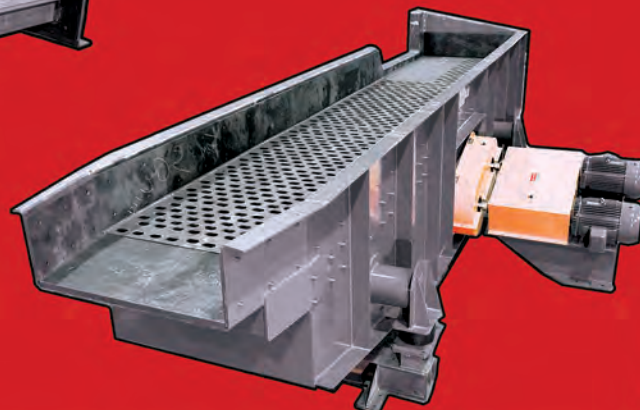
-Direct drive design eliminates the need for gearboxes or timing belts

-Shakeout will not overstroke under upset conditions due to direct drive



-Soft isolation spring mount reduces reaction

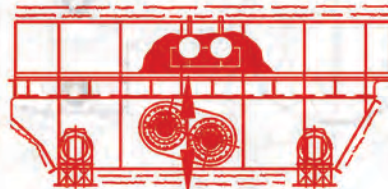
-Lumpbreaker systems available



Casting is loaded onto shakeout with forward angle of vibration to convey

Angle is changed to vertical to stop conveying and remove sand for as long as needed

Once sand is removed the angle is changed to convey casting to next step in the line



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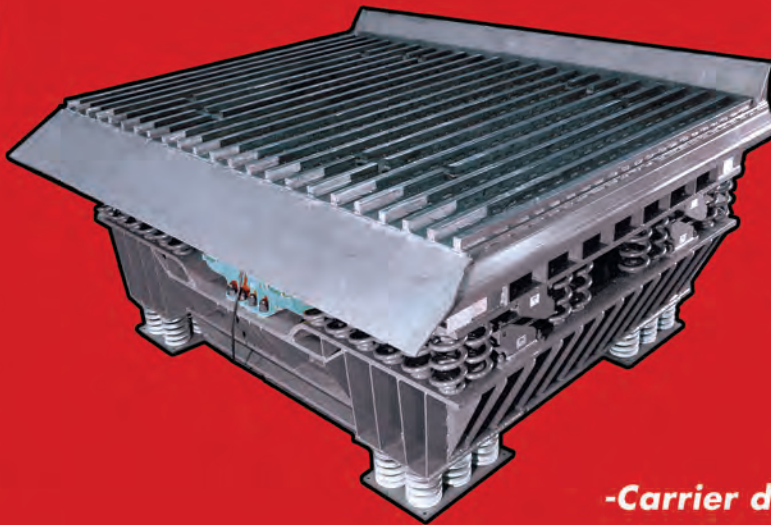
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## No-Bake Shakeout

-Allow sand to pass through specially designed perforated deck

-Able to handle up to 100 tons of material

-Can be built for 14 ft x 14 ft of workable area

-Isolated design to reduce dynamic reaction

-Carrier drive system able to withstand upset conditions

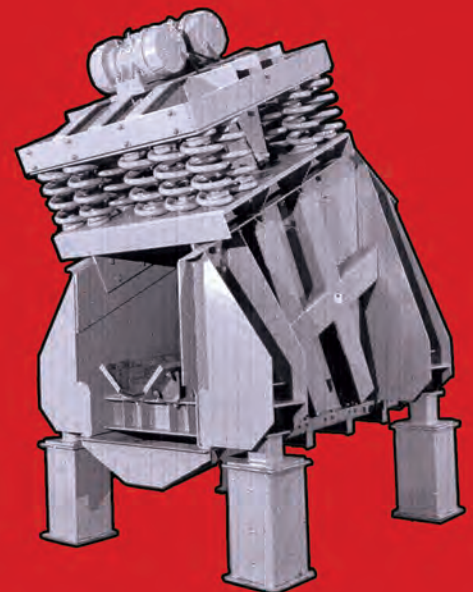
## High Frequency Shakeout

-Wide range of deck designs available; including V for engine blocks, back drafted slots to prevent casting damage, or grizzly for maximum separation

-Natural Frequency design maintains constant motion despite heavy loads

-Energy efficient, low HP engineering and low maintenance

-Special liners and sand pans available for wet sand



## About Carrier

Since our beginning we have been developing modern solutions for metalcasters around the world.

Our state-of-the-art test lab ensures our engineers will find the best solution for you, no matter how unique your requirements are.