



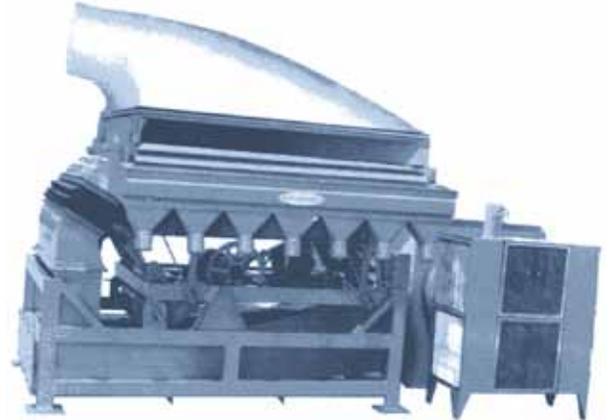
# PACE GRAVITY SEPARATOR

Model T-20



## PRODUCT DESCRIPTION

The Model T-20, with 20 square feet of separation surface, is the largest of the PACE separators. For efficiency of separation, capacity, consistent performance - free of 'drift' once the controls have been set and rugged construction, it sets a new standard for dry particle separations. Careful control of fluidizing air distribution across the material bed gives the T-20 the most precise separation possible with air in any machine of its capacity. And Pace separators are easier to operate, adjust, and maintain than any other gravity separators.



## APPLICATIONS

- Separation of lumps and burnt particles from dry extruded food products
- Final separation of copper or aluminum granules in Triple/S Dynamics scrap wire and cable recycling systems
- Cleaning raw food products including edible nuts, spices and legumes
- Reclamation of support media or unspent catalyst during petrochemical reactor turnarounds
- Concentrating minerals, metallic particles, or abrasive grains from slags or gangue
- Density grading or reclamation of filter media such as bone char, activated carbon, and perlite

## CONSTRUCTION

The T-20's trapezoidal deck shape best suits it to separations requiring concentration of a 'heavy' fraction or simultaneous separation of both light and heavy fractions from a product stream. But the other advantages of the Pace design really show up in tough applications - separating difficult to fluidize, hot or abrasive materials - sanitary installations - and processes requiring non-stop reliable performance. Standard Pace separator construction includes:

- Open, tubular chassis - allow quick access for cleaning with air, steam, or chemicals; eases routine inspection and servicing of drive.
- Dynamic counterbalance - insures smooth operation and eliminates vibration transmission to surrounding structures.
- Independently mounted forced air supply - improves air distribution and provides sufficient volume and pressure to maximize capacity; isolates the air ducting and fan from any product contact.
- Wide-span toggle plate suspension - gives precise straight line vibration at all points of the separation surface.
- Rugged screw jack adjustments and clamps - ease adjustment of the deck slope and lock in adjustments - once made they can't 'drift'.
- FRP exhaust hood - for dust free operation.

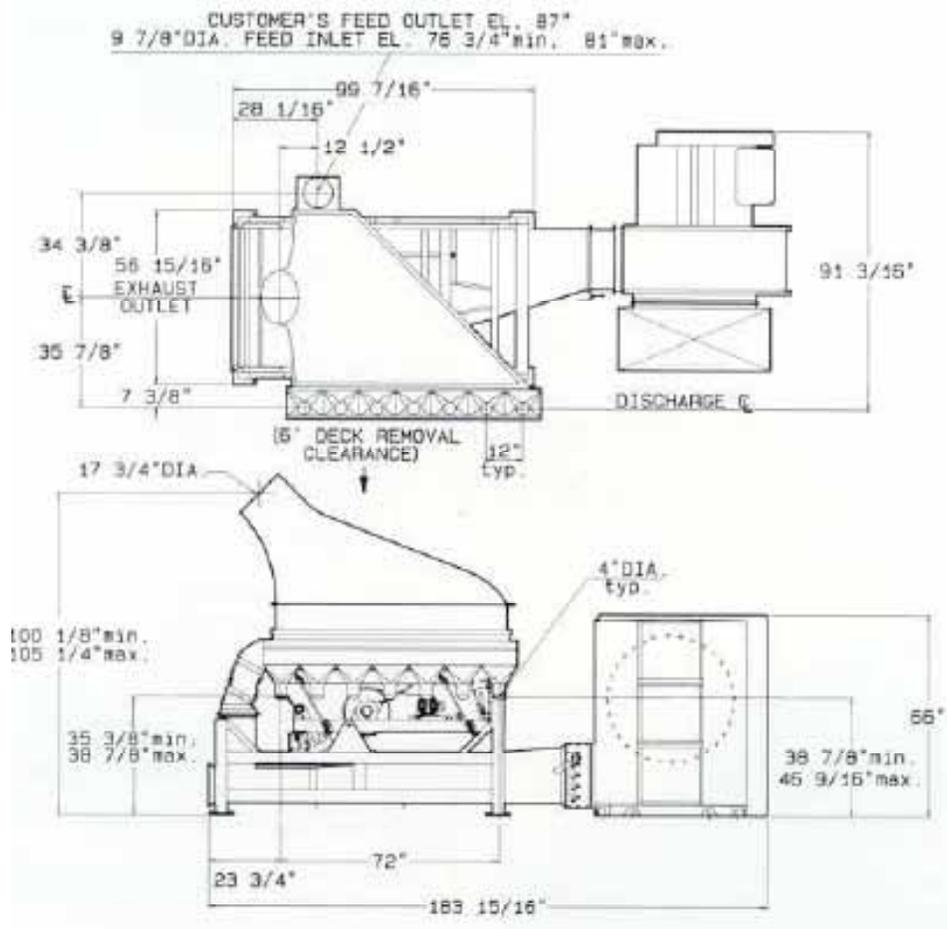


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## PACE GRAVITY SEPARATOR DESIGN FEATURES

- Electronic controls - for fingertip adjustment of fluidizing air flow and speed of vibration.
- Aluminum exhaust hood - for high temperature applications.
- Discharge face cover - to seal unit when processing delicate food products, high temperature or dusty materials.
- Special construction to meet sanitary standards, or for processing high-temperature or corrosive materials.
- Closed-loop air supply which recycles 85-90% of process air for reuse.



## SPECIFICATIONS

- Deck HP: 1.5
- Weight: 4650 lbs.
- Fan HP: 10-20\*
- Exhaust air flow: 2720-12000 cfm\*

\*Horsepower, fan size and air flow vary to meet the requirements of the specific application.



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