



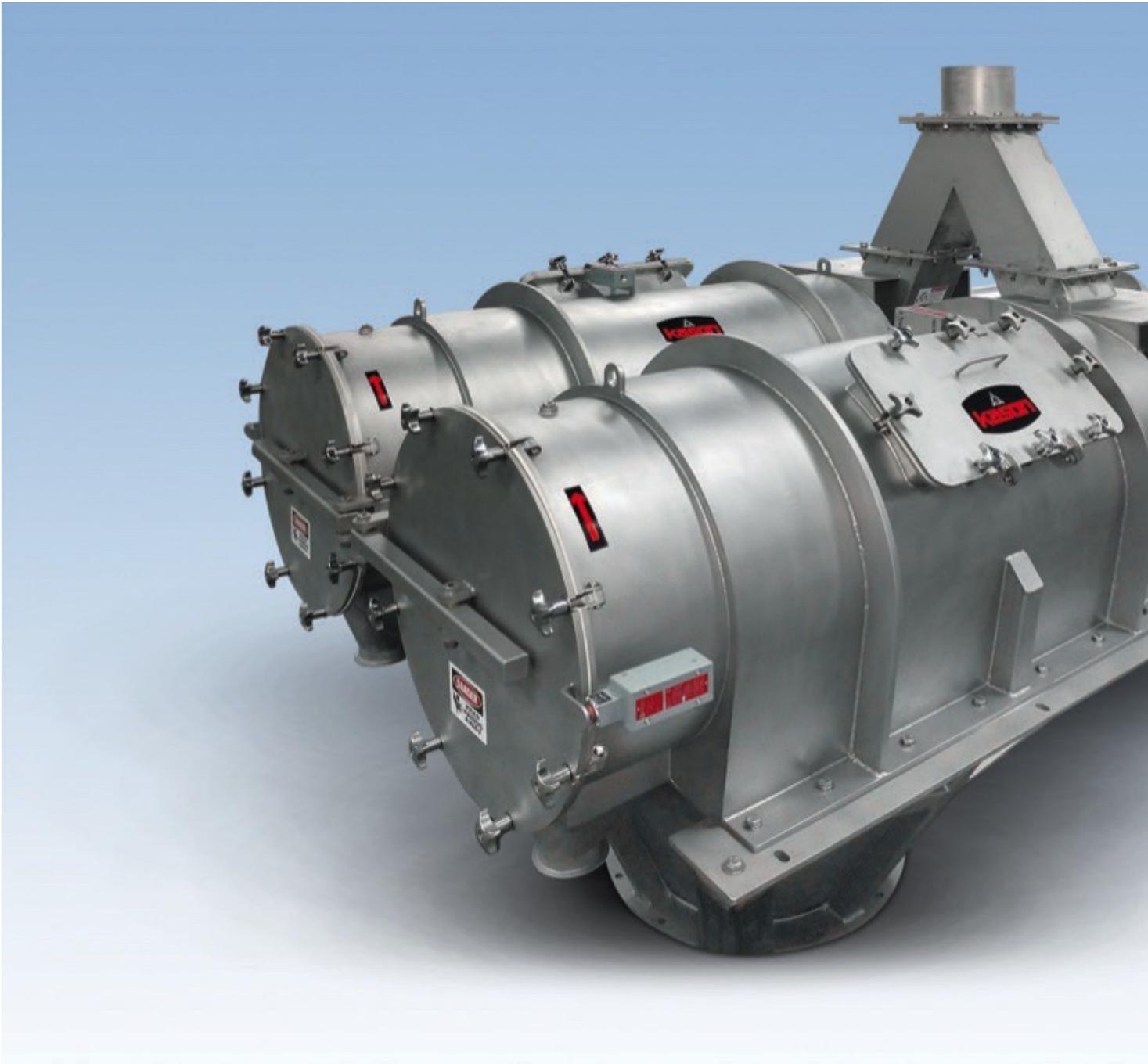
Product News

Kason: Twin In-Line Pneumatic Centrifugal Sifter cantilevers for quick Cleaning

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Millburn (NJ), United States -

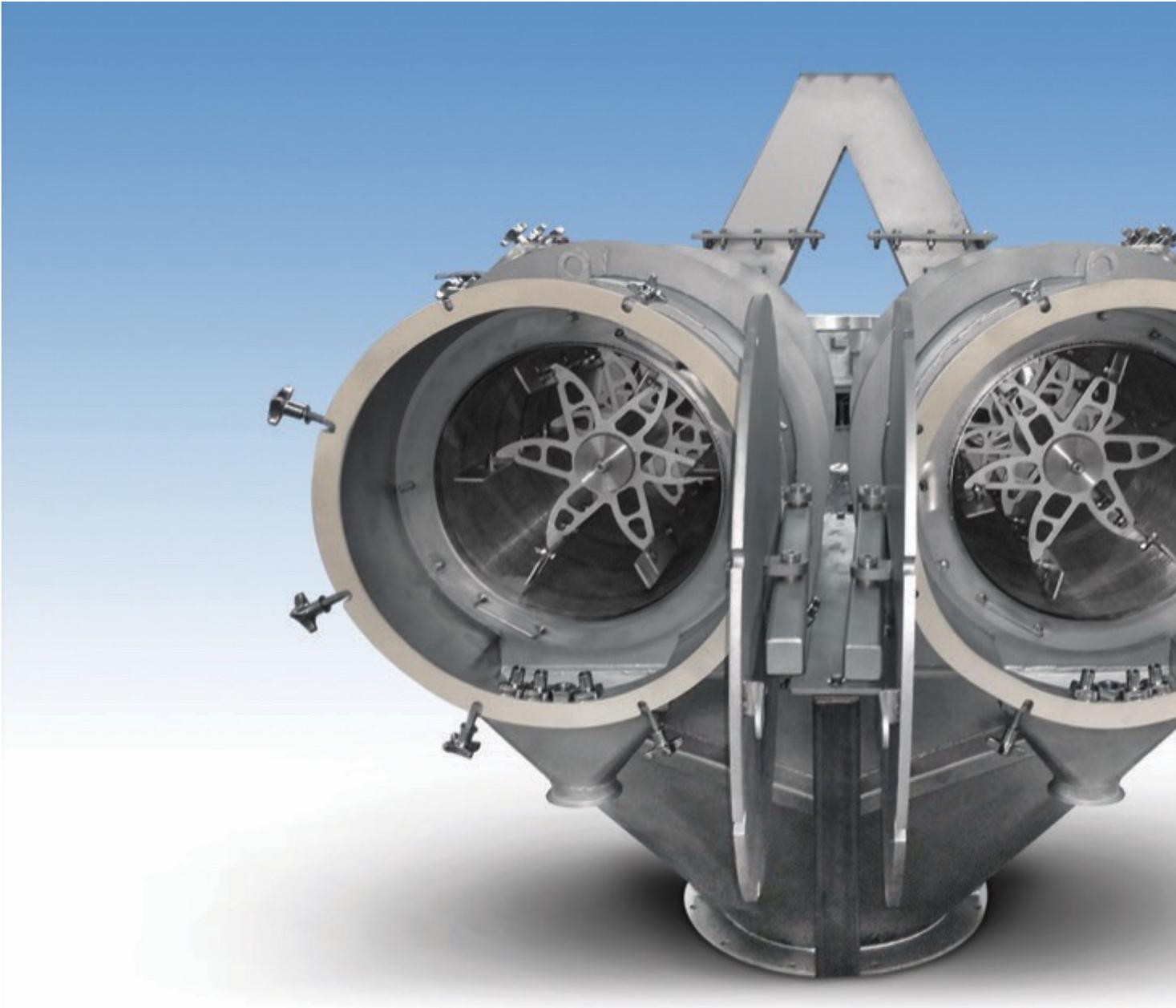
A new Model Twin XOB-PS-SS Pneumati-Sifter Ultra High Capacity dual centrifugal sifter from Kason de-agglomerates and screens bulk materials in-line with dilute-phase pneumatic conveying systems at ultra-high rates. Rated up to 1 barg positive pressure and 356 mm vacuum, it delivers the capacity of two independent high-output sifters, but in less floor space.



Dual-chamber model TWIN XOB-PS-SS
Ultra High capacity PNEUMATI-SIFTER
centrifugal sifter operates in line with
positive or negative pressure
pneumatic conveying systems,
achieving ultra-high rates in a small
footprint.

A feed splitter evenly divides the flow of incoming material into two horizontally-oriented cylindrical screening chambers operating in parallel. A shaft within each screening chamber rotates a helical paddle assembly that accelerates the radial movement of particles and soft agglomerates against and through the screen. On-

size particles pass through apertures in the screens and discharge through a cone-shaped chute, while oversize particles are ejected via a manual or automatic valve into a sealed, quick-release receptacle. Each of the twin screening chambers features a cantilevered shaft with two, externally-mounted bearings between the screening chamber and motor drive, eliminating the need for a third bearing on the hinged overs end plate.



Each screening chamber of the Quick-Clean design features a cantilevered shaft with no end bearing on the hinged end plate, allowing the screen cylinder and paddle assembly to slide

freely from the shaft end for rapid screen changes, cleaning and inspection.

The design allows all internals to slide freely from the shaft ends for cleaning, screen changes, or inspection. Wide spacing between the bearings, a large diameter shaft, and a flexible shaft coupling combine to prevent vibration, even at high speeds under heavy, imbalanced loads. Available in compliance with FDA, 3-A, BISSC, EEC and other European and US sanitary standards as well as ATEX compliance, the sifter is constructed of stainless steel finished to sanitary standards with thread-free internals, quick-release fittings and optional Clean-in-Place (CIP) nozzles, making it suitable for food, dairy, pharmaceutical and contamination-sensitive industrial applications. Nylon, monofilament, woven wire, perforated plate or wedge wire screen cylinders are offered to maximise throughput and screen longevity for a diversity of sifting applications.