

KASON CORPORATION

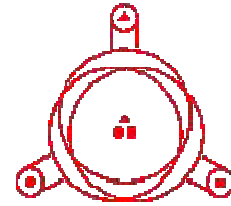
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kason

"Air-Lift" Quick Screen Change System

Kason Air-Lift quick screen change system for circular vibratory screeners allows operators to change screens and gain access to the interior of the unit for cleaning or inspection many times faster than possible using comparable systems.

The lightweight device consists of two vertically mounted air cylinders that are located on opposing sides of any circular separator and affixed to mounting brackets on the lower and upper screening frames.

To operate, a quick-disconnect clamp connecting the frames is removed and a remote air valve is actuated, raising the upper frame. The procedure is reversed to reconnect the frames.

One entire raise/lower cycle including quick-disconnect/connect of the frames, requires only several minutes, reducing downtime during every inspection, cleaning and screen-changing operation. In addition, one operator can now perform what was previously a two person task, depending on screen diameter.

Other safety features include a safety lock-out that locks the frames in the open or closed position when the upper screener housing is raised or lowered, and safety bars that prevent the housing from accidentally descending while in a fully-raised position during screen changes or wash down.

The Air-Lift device is available on any new Kason screener, and can be retrofit to any circular vibratory screener of any make or model from 48" to 84" (1220mm to 2135mm) in diameter, including screeners having single- or multiple-decks, and screens with or without center holes and/or anti-blinding devices.



