

External pneumatic deck lifting system

The external pneumatic deck lifting system makes opening and closing the machine easier and allows fast screen exchange and cleaning. It can be easily, cheaply and quickly retrofitted to all types of screening machines independent of the manufacturer.



Operation

This system operates using pneumatic cylinders installed above the screening machine. Lifting lugs are welded on the intermediate ring and cover which are connected to the pneumatic cylinder by a chain. The cover and decks can be raised by retracting the cylinders. This enables simple and quick screen exchanges.

Datasheet

Duration of screen exchange:	<i>Approx. 5 min.</i>
No. of persons:	<i>1 -2 persons (depending on the size of the machine)</i>
Machine size:	<i>600 mm – 2.600 mm</i>
No. of cylinders:	<i>3 - 4 Cylinders (depending on machine size)</i>
Types of machines:	<i>Round Screening Machines (producer-independent)</i>
Lift height:	<i>Flexible Stroke 250 - 300 mm (Standard), up to max. 700 mm</i>
Necessary resources:	<i>Compressed air 6-8 bar</i>
No. of screen decks:	<i>1 to 6 decks</i>
Safety at work	<i>Latching at end position, also at emergency stop</i>



Your main benefits includes

- Can be used for all circular screening machines and all sizes of machines
- Easy to retrofit at any time
- Very quick screen exchange and precise deck selection
- Quick and easy operation control for maintenance and cleaning
- Cost Effective
- Flexible stroke up to max. 700 mm
- Successfully implemented at established customers in the market