

The LA-LST small-scale air/screen cleaner with integrated indented cylinder is a precision and fine cleaner/grader for research stations, institutes etc.



The LA-LST can be used for batch and continuous flow separation and is very well suited for preparation of a large variety of seed types.

STANDARD FEATURES:

- Inlet with capacity shutter and vibrator feeder with start/stop and potentiometer.
- Aspiration system with pre-aspiration and final aspiration connected to an air recirculation system.
- Screen section consisting of one sieveboat with 1 short scalping screen and 2 long grading/sand screen layers; the 2 long screen layers with rubber ball cleaning.
- Built-on indented cylinder unit with rotating exchangeable mantle with speed regulation.
- Inner trough, which is manually adjustable from the outside, with vibrator tray.
- Outlet from the cylinder for long fraction and outlet for short fraction.
- 5 collecting drawers for prime product and removed product.
- Variable drive of sieveboat with frequency converter.

OPTIONS:

- Rotary valve for aspiration chamber; incl. motor
- One long pre-screen and two long grading screens (0.4 m²)
- Outlet pipes for transport of product to floor level
- Extended outlet trays and plastic sleeves for transport of product to floor level.
- Extension for inlet (25 l)
- Autotransformer for 110 V, 60 Hz

TECHNICAL SPECIFICATIONS:

	LA-LST
Screen area m2	0.34
Screen size L x W mm – short scalping	275 x 275
Screen size L x W mm – long grading/sand	275 x 540
Mantle dia. x L mm	400 x 500
Motors V	1 x 230
Fan motor kW	1.1
Sieveboat motor kW	0.37
Vibrator feeder motor kW	0.05
Indented cylinder motor kW	0.25

DISTINGUISHING ADVANTAGES:

- Inlet with capacity shutter and vibrator feeder for precise feed control and cleaning of a wide variety of products
- Highly efficient air system ensuring a uniform aspiration and a good separation of the product
- Air recirculation system with integrated fan and dust suction unit for a dustless operation
- Screen section with easily accessible quick-change screens with superior cleaning system
- Frequency controlled mantle speed ensuring an optimum separation in the cylinder unit of a wide variety of products
- Trough position manually adjustable from the outside with reader-friendly scale making adjustments very easy, to obtain the requested separation of a wide range of products
- Asymmetric cell form (like a half raindrop) for precise separation
- Easy and quick change of mantle by quick-lock system
- Possibility of operating the two units separately
- Electrical controls for easy connection into a 230 V outlet; Autotransformer for 110 V also available
- Easy clean-down when changing from one product to another
- In right or left-hand construction to suit individual plant layouts
- Low maintenance costs

