

FINE CLEANER

FAU-1000 / -1250 / -1500

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Photo shows FAU 2-2 with fan [option]

The FAU fine cleaner is designed to be the primary air/screen cleaner for ultra-precision separation of impurities from high value seed

For capacity and all other specific information see the back page.

The FAU fine cleaner offers the below features:

- Integrated inlet section with feed roll with variable drive.
- Aspiration chamber with integrated screws and outlets for removed product on the right-hand side of the machine.
- Screen section consisting of two sieveboats with screen flow 2-2 (upper sieveboat with two screen layers and lower with one return plate and two screen layers).
- All screen segments with rubber ball cleaning.

- Final aspiration channel with inspection window.
- Prime product outlet placed under the machine for the entire width of the aspiration chamber.
- Common drive of feed roll, sieveboats, and screws.

The machine is of steel construction with sieveboats of laminated wood.

Options:

- Feed roll in various constructions (rubber covered, with gear variator 0-38 rpm, with fixed drive)
- Vibrator feeder (instead of feed roll)
- False air valve at top of machine or for adjustment from floor level
- Screen flow 2-1-2 or 2-3
- Adaptive aspiration control system (AAC)
- Intelligent screen management system (ISM)
- Fan with motor

EQUIPPED FOR CHANGE

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FINE CLEANER

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TECHNICAL SPECIFICATIONS:

FAU 2-2 [standard]	FAU-1000	FAU-1250	FAU-1500
Screen size L=800 mm x W	1000	1250	1500
Screen area m ²	9.6	12	14.4
Capacity t/h	9	11	13
Motor kW	2.2	2.2	2.2

FAU 2-1-2 [option]	FAU-1000	FAU-1250	FAU-1500
Screen area m ²	11.2	14.4	16.5
Capacity t/h	11	14	17

FAU 2-3 [option]	FAU-1000	FAU-1250	FAU-1500
Screen area m ²	12	15	18
Capacity t/h	11	14	17

Capacity: estimate [guideline] based on wheat with max. moisture content of 14%.

DISTINGUISHING ADVANTAGES:

- Integrated inlet section ensuring an even spread of product over the full working width of the machine
- Highly efficient air system ensuring a uniform aspiration and a good separation of the product
- Choice between three screen flow possibilities (fixed for each machine) ensuring an optimum cleaning result of a wide range of products
- Easily accessible screens with superior cleaning system
- Sieveboats suspended with fibreglass springs giving a smooth and safe operation due to the centrally located eccentric shaft
- Window across the full width of the aspiration chamber for visual inspection of the cleaning performance
- Easy clean-down when changing from one product to another
- In right or left-hand construction to suit individual plant layouts
- Low maintenance costs



FAU 2-1-2