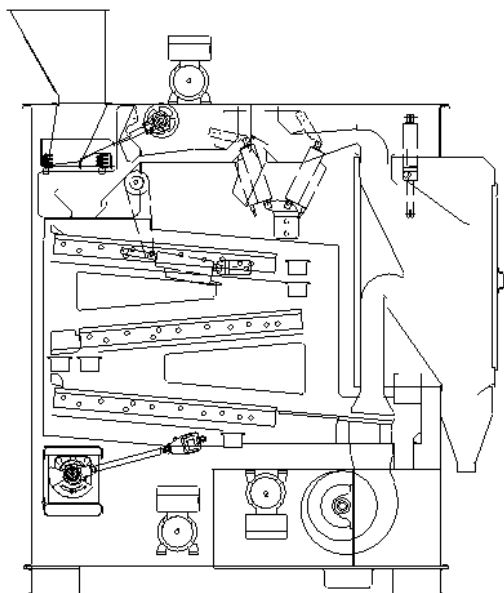


OPTIMUM 201

SUPER FINE SEED CLEANER

Designed for high quality fine cleaning of seeds, malting barley, legumes, grains and garden seeds.

The unique air lifting unit makes the Optimum Super 208 ideal for the most challenging separations. The Super fine cleaner includes **shaker feeder, pre-suction and after-suction system, electronic control system, flexible screen flow and air lifting fan.**



SEEDS	Bulk density t/m ³	Moisture content %	Capacity t/h
Barley	0.68	14	0.4
Clover	0.82	14	0.2
Coffee, green	0.65	14	0.2
Maize	0.71	14	0.3
Oats	0.51	14	0.2
Peas, common	0.7	14	0.3
Rapeseed	0.74	7–9	0.2
Rice, paddy	0.51	14	0.1
Rice, white	0.75	14	0.2
Rye	0.69	14	0.4
Ryegrass	0.3	14	0.1
Sorghum	0.64	14	0.4
Soybeans	0.72	14	0.3
Sunflower	0.4	7–9	0.1
Wheat	0.76	14	0.4

Note: Capacities may vary for different impurity and moisture Contents

SCREENS

Screen angle	5.0 Degrees
Screen area, total	0.96 m ²
Screen size	400×800 mm (3 pcs)

DIMENSIONS

Overall length	1 790 mm
Overall height	2 100 mm
Overall width	830 mm

WEIGHT

Weight, empty 6250kg

OPERATING SPEED

Shaker feeder (shaft) 126–622 rpm
 Screens (shaft), fixed speed 260–320 rpm
 Screens (shaft), variable speed 260–320 rpm
 Aspiration fan, 215–1–835 rpm

ELECTRICAL RATINGS

Motor, shaker feeder 0.75 kW
 Motor, screens 0.75 kW
 Motor, aspiration fan 0.55 kW
 Control panel 110–230 V

AIR SUPPLY AND EXTRACTION

Aspiration volume 2 000 m³/h

DYNAMIC LOADS

Horizontal load “Ph” ±1 409 N @ 4.6–4.8 Hz
 Vertical load “Pv1” (inlet end) ±923 N @ 4.6–4.8 Hz
 Vertical load “Pv2” (outlet end) ±921 N @ 4.6–4.8 Hz

Note: Dynamic loads are for normal operation.

NOISE

Sound pressure level, empty 79.3 dB(A)

COMPLIANCE

EU machinery legislation Yes
 EU ATEX legislation Option*
 EU food contact legislation Option*

* Consult your **Saat Technologie** dealer for full details.

ENVIRONMENTAL CONDITIONS

Environment Indoors
 Temperature From -20°C to +40°C
 Altitude Up to 800 m

SURFACE PROTECTION

Frame and enclosure Paint (corrosivity category C2; low durability)

LIFETIME

Intended life limit 20 years



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