



SKIOLD DAMAS OMEGA



SKIOLD MAKES THE DIFFERENCE!

Function

The illustration shows an example of Omega with feeding arrangement and recycling presuction system, screen section, and recycling aftersuction system. However, many other configurations exist.

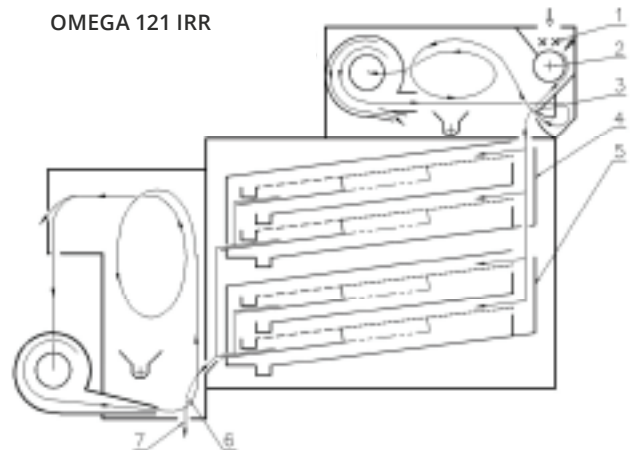
Feed/presuction

As will appear from "Survey of models", there are 3 options of feeding/presuction arrangements:

- Drum feeding module type "O" is without presuction.
- Module "E" with drum feeding and open presuction.
- Module "R" has 2 distributor worms over the feed roller and frequency controlled and highly effective recycling cross flow air separation system.

Please consult "Selection of Feeding/Presuction and Discharge/Aftersuction" for the selection of feeding/presuction system.

OMEGA 121 IRR



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Screen section

As will appear from "Screen flows and Guiding Capacities", 6 different screen flows (I - VI) with different advantages are available.

Please consult "Omega standard Screen flows and Guiding Capacities" for selection of screen flow.

Discharge/aftersuction

As will also appear from "Survey of models", there are 3 options of discharge/aftersuction arrangements:

- Discharge module "O" is just a discharge hopper without any aftersuction.

- Discharge module "E" features an open aftersuction system with aspiration compartment and auger for discharge of light waste.

- Discharge module "R" has a frequency controlled and highly effective recycling cross flow air separation system.

Please consult "Selection of feeding/Presuction and Discharge/Aftersuction" for the selection of discharge/ aftersuction solution.

TECHNICAL SPECIFICATIONS

| Screen specifications | 9x1xx | 12x1xx | 18x1xx | 24x1xx |
|-----------------------------------------------------|-------|--------|--------|--------|
| Screen width (mm): | 1250 | 1250 | 1250 | 1250 |
| No. of screens (pcs.): | 9 | 12 | 18 | 24 |
| Screen area (m ²): | 9 | 12 | 18 | 24 |
| Motors | | | | |
| Feed roller(R, E, O) (kW): | 0.75 | 0.75 | 0.75 | 2×0.75 |
| Presuction R fan, grain (standard)** (kW): | 3.0 | 3.0 | 3.0 | - |
| Presuction R fan, peas/grain (special)** (kW): | 5.5 | 5.5 | 5.5 | - |
| Presuction R aspiration worm (kW): | 0.37 | 0.37 | 0.37 | - |
| Screen module, type 1 (kW): | 7.5 | 5.5 | 7.5 | 7.5 |
| Screen module, types 2, 3, or 4 (kW): | - | 4.0 | 7.5 | 7.5 |
| Aftersuction E aspiration worm (kW): | 0.37 | 0.37 | 0.37 | 2×0.37 |
| Aftersuction R fan, grain (standard)** (kW): | 3.0 | 3.0 | 3.0 | 2×3.0 |
| Aftersuction R fan, peas/grain (special)** (kW): | 5.5 | 5.5 | 5.5 | 2×5.5 |
| Aftersuction R aspiration worm (kW): | 0.37 | 0.37 | 0.37 | 2×0.37 |
| Air amounts | | | | |
| Presuction E*** (m ³ /h): | 4000 | 4000 | 4000 | 2×4000 |
| Presuction R** (m ³ /h): | 800 | 800 | 800 | - |
| Feeding module O (m ³ /h): | 300 | 300 | 300 | 300 |
| (Exhaust from the screen box)* (m ³ /h): | (300) | (300) | (300) | (300) |
| Aftersuction E*** (m ³ /h): | 4000 | 4000 | 4000 | 2×4000 |
| Aftersuction R** (m ³ /h): | 800 | 800 | 800 | 2×800 |
| Weight | | | | |
| Including modules E + O (kg): | 3300 | 3500 | 3900 | 4300 |
| Including modules E + E (kg): | 3600 | 3800 | 4200 | 4600 |
| Including modules R + O (kg): | 3200 | 3400 | 3800 | 4200 |
| Including modules R + R (kg): | 4200 | 4400 | 4800 | 5200 |
| Including modules E + R (kg): | - | - | - | - |

* Non-standard, ** Including frequency converter, *** Air amount = 5000 m³/h when cleaning peas and beans