



# CLEANING AND SORTING

[www.arskametalli.fi](http://www.arskametalli.fi)





# CLEAN WORK ENVIRONMENT, MORE EFFICIENT DRYING

Square silo's upper floor is clean and dust-free, when there is a pre-cleaner on top of the dryer. Cleaning efficiency can be increased with a fan installed on the top of the elevator, with a cyclone and with a seed cleaner.

## PRE-CLEANERS

Pre-cleaner keeps the square silo's upper floor clean and dust-free. It removes impurities from the grain effectively and spreads the grain evenly into the dryer storage container. Pre-cleaner is installed to dryer cover - and to top part of the elevator when wanted the best results, so that there's two pre-cleaners working on the machinery at the same time.



To elevator top part  
(A150)



To dryer cover  
(A200 / A250)



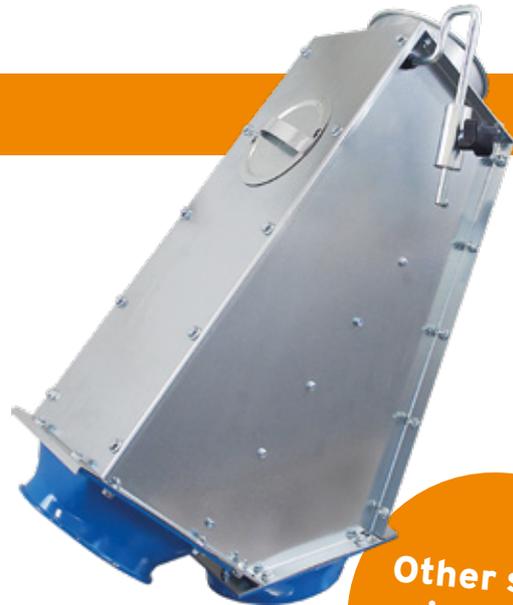
To Farni dryer cover  
(A300)

PRE-CLEANER	A150	A200	A250	A300
Grain pipe [Ø mm]	-	160	200	200
Trash pipe [Ø mm]	160	200	200	200
Motor power [kW]	0.75	1.5	2.2	2.2 + spreader 0.55
Elevator recommendation [t / h]	68 / 92 / 118	68	92 / 118	92 / 118

## SEED CLEANERS

Seed cleaner separates damaged grain, weed seeds and other impurities from the grain. These are particles which normal pre-cleaner is not able to remove. Clever design allows mounting in almost any dryer – also for other brands!

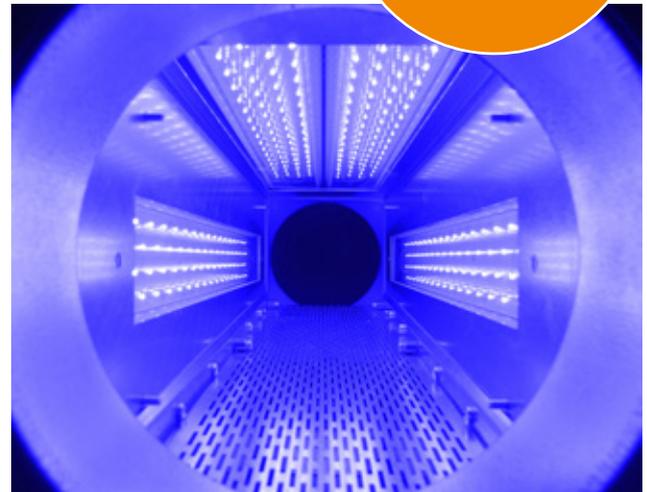
Regular Seed Cleaner has a sample hatch and spreading plate. All Seed Cleaners have solid, 2mm and 2,5mm standard sieves.



Other sieve sizes also available!

## WISDOM SEED CLEANER REJECTS PATHOGENS WITH BLUE LIGHT

LED Tailor Innova7ion and Arskametalli have developed in cooperation WiSDOM SEED technology, which utilizes non-chemical blue light to reject the pathogens on the surface of the seed. Effective blue lights have been attached to the standard seed cleaner. Blue light doesn't produce any harmful UV radiation. Light technology was awarded at international Quality Innovation Awards competition.



Blue light has been tested with (dry grain):

- Grain: fusarium
- Special plants (oilseeds, flax, quinoa): downy mildews
- Barley: net blotch
- Wheat: spot blotch

## CYCLONES

Cyclone separates trash from pre-cleaners exhaust air. Trash is easy lead to dust container or trailer so that the surrounding of the dryer stays clean. Available in galvanized and painted versions. Size options Ø630 and Ø1000.



# GRAIN SORTER

The affordable, quiet and efficient sorter is equipped with a rotating sieve drum ensuring even sorting results. The sorter is small in size but large in capacity.

The sorter includes a pre-cleaner as standard equipment. The speed and inclination angle of screening drums available in several screen hole sizes can be adjusted steplessly while the machine is in operation.



OUTER SIEVE	INNER SIEVE	OAT	BARLEY	WHEAT	RYE	RAPE-SEED	PEA	BROAD BEAN
2 x 20mm	Ø8mm	SG	PR	-	-	-	-	-
2 x 20mm	Ø10mm	SG	-	-	-	-	-	-
2 x 20mm	4 x 15mm	-	PR	-	-	-	-	-
2 x 20mm	5 x 30mm	PR	-	-	-	-	-	-
2,3 x 20mm	Ø8mm	SG	SG	SG	SG	-	-	-
2,3 x 20mm	Ø10mm	SG	SG	SG	SG	-	-	-
2,3 x 20mm	4 x 15mm	SG	SG	SG	-	-	-	-
2,5 x 20mm	Ø8mm	-	MB / SG	SG	-	-	-	-
2,5 x 20mm	Ø10mm	-	MB / SG	SG	-	-	-	-
2,5 x 20mm	4 x 15mm	-	MB / SG	SG	-	-	-	-
2,7 x 20mm	Ø8mm	-	MB / SG	-	-	-	-	-
2,7 x 20mm	Ø10mm	-	MB / SG	-	-	-	-	-
5 x 30mm	Ø10mm	-	-	-	-	-	PR / SG	-
5 x 30mm	Ø12mm	-	-	-	-	-	PR / SG	-
5 x 30mm	Ø15mm	-	-	-	-	-	-	PR / SG
Ø3mm	Ø6mm	-	-	-	-	PR	-	-
Ø3mm	4 x 15mm	-	-	-	-	PR	-	-
3,2 x 20mm	Ø8 / Ø10mm	Separation of ergot or spelt PR / SG						
3,4 x 20mm	Ø8 / Ø10mm	Separation of ergot or spelt PR / SG						

SG, Seed grading	PR, Preparation	MB, Malting barley
------------------	-----------------	--------------------



## **ARSKAMETALLI OY**

 Saarentaantie 33  
FI-31400 Somero, Finland

 +358 2 748 9700

 [posti@arskametalli.fi](mailto:posti@arskametalli.fi)

© Arskametalli Oy 2020

All rights reserved. In the photos in this brochure or other publications may occur devices which are not standard equipment. Technical specifications are approximate.