

**OUTSTANDING DESIGN FEATURES OF ISM GRAIN CLEANER WITH CYCLONE-SEDIMENTARY CHAMBER**

Grain cleaning by air allows this grain cleaning and sorting machine to process the grain with no seed damage.

The air is flown inside the system in a closed circuit, thus the air is purified effectively inside. No additional cyclones or aspiration equipment is required for the work inside a building.

Direct-flow motor with impeller is used, that could give the advantages:

- Minimal air flow power losses;
- Decrease of power consumption by 3...4 times or more;
- Increased functionality of grain cleaner;
- Increased service life of motor.

Varied frequency drive (VFD) enables operation in any modes, with any bulk goods. Soft start and stop, fine tuning of air flow power, voltage drop protection, reverse mode of self-cleaning.

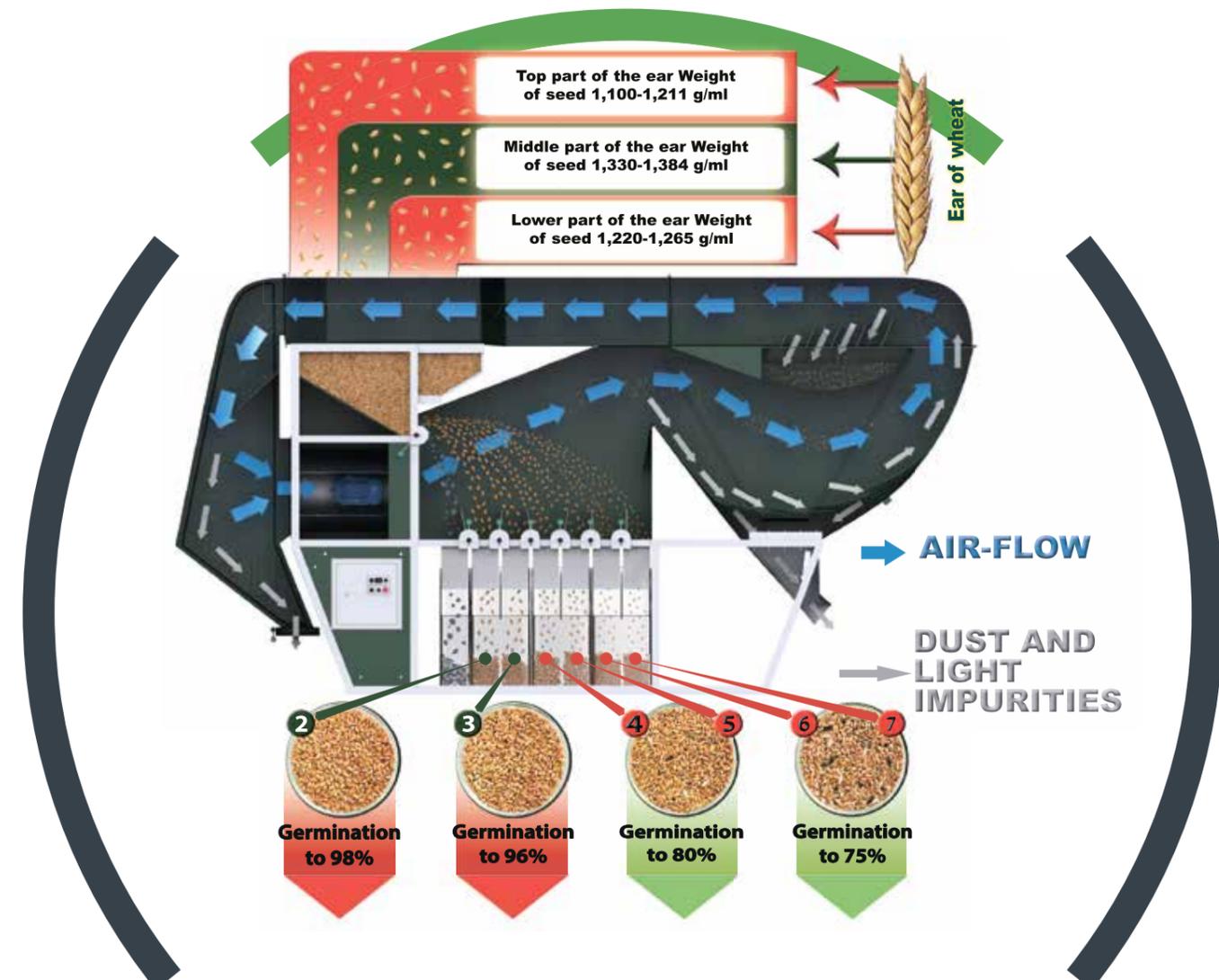
No spare parts required, no lubrication points.

Our ISM grain cleaners are popular with farmers, the grain cleaners work reliably in many countries (Ukraine, Canada, Australia, Italy, Germany, Spain, Poland, Kazakhstan, Lithuania, Latvia, Moldova, Romania, Uzbekistan, Malaysia and so on) since they meet modern requirements for crop cleaning and seed preparation.



- ✔ **Effective cleaning** of all seeds of the agricultural cultures
- ✔ **Calibration of seeds** by weight
- ✔ **The perfect seed** of the highest quality
- ✔ **Low investment**
- ✔ **Low energy consumption**

AERODYNAMIC GRAIN CLEANERS, or IMPELLER SEPARATING MACHINES (ISM) these are the winnowing machines for grain cleaning and seed sorting, aerodynamic separating machines or aspiration fractioners with rated capacity from 3 to 200 t/h, for any kinds of grain and seed cleaning and sorting.



**ISM - 5**



Grain cleaning To 5 t/h  
Seed grading To 3 t/h

**CAPACITY:**

ENERGY CONSUMPTION:  
0,2 - 0,65 kWt, 220/380 V, 50 Hz

OVERALL DIMENSIONS, WEIGHT:

2150 mm	Length	3200 mm
460 mm	Width	1000 mm
1750 mm	Height	2000 mm
155 kg	Weight	400 kg

**ISM - 10**



Grain cleaning To 10 t/h  
Seed grading To 5 t/h

**CAPACITY:**

ENERGY CONSUMPTION:  
0,2 - 0,75 kWt, 220/380 V, 50 Hz

OVERALL DIMENSIONS, WEIGHT:

2420 mm	Length	3400 mm
460 mm	Width	1000 mm
1880 mm	Height	2100 mm
165 kg	Weight	450 kg

**ISM - 15**



Grain cleaning To 15 t/h  
Seed grading To 7 t/h

**CAPACITY:**

ENERGY CONSUMPTION:  
0,4 - 2,2 kWt, 380 V, 50 Hz

OVERALL DIMENSIONS, WEIGHT:

2310 mm	Length	4800 mm
650 mm	Width	1150 mm
2400 mm	Height	2800 mm
337 kg	Weight	685 kg

**ISM - 20**



Grain cleaning To 20 t/h  
Seed grading To 10 t/h

**CAPACITY:**

ENERGY CONSUMPTION:  
1,5 - 3,0 kWt, 380 V, 50 Hz

OVERALL DIMENSIONS, WEIGHT:

2310 mm	Length	4800 mm
650 mm	Width	1150 mm
2400 mm	Height	2800 mm
355 kg	Weight	690 kg

**ISM - 30**



Grain cleaning To 30 t/h  
Seed grading To 15 t/h

**CAPACITY:**

ENERGY CONSUMPTION:  
1,5 - 4,5 kWt, 380 V, 50 Hz

OVERALL DIMENSIONS, WEIGHT:

2310 mm	Length	4800 mm
650 mm	Width	1150 mm
2400 mm	Height	2800 mm
360 kg	Weight	760 kg

**ISM - 5 CSC**



**ISM - 10 CSC**



**ISM - 15 CSC**



**ISM - 20 CSC**



**ISM - 30 CSC**



**ISM - 40**



Grain cleaning To 40 t/h  
Seed grading To 20 t/h

**CAPACITY:**

ENERGY CONSUMPTION:  
2,2 - 6,0 kWt, 380 V, 50 Hz

OVERALL DIMENSIONS, WEIGHT:

2310 mm	Length	4907 mm
1150 mm	Width	1574 mm
2400 mm	Height	2864 mm
710 kg	Weight	1100 kg

**ISM - 50**



Grain cleaning To 50 t/h  
Seed grading To 25 t/h

**CAPACITY:**

ENERGY CONSUMPTION:  
2,2 - 7,0 kWt, 380 V, 50 Hz

OVERALL DIMENSIONS, WEIGHT:

2310 mm	Length	4907 mm
1150 mm	Width	1574 mm
2400 mm	Height	2864 mm
710 kg	Weight	1100 kg

**ISM - 100**



Grain cleaning To 100 t/h

**CAPACITY:**

ENERGY CONSUMPTION:  
4,0 - 11 kWt, 380 V, 50 Hz

OVERALL DIMENSIONS, WEIGHT:

3130 mm	Length	6382 mm
1750 mm	Width	2250 mm
3017 mm	Height	3682 mm
860 kg	Weight	1600 kg

**ISM - 150**



Grain cleaning To 150 t/h

**CAPACITY:**

ENERGY CONSUMPTION:  
6,0 - 15 kWt, 380 V, 50 Hz

OVERALL DIMENSIONS, WEIGHT:

3130 mm	Length	6382 mm
1750 mm	Width	2250 mm
3017 mm	Height	3682 mm
910 kg	Weight	1610 kg

**ISM - 200**



Grain cleaning To 200 t/h

**CAPACITY:**

ENERGY CONSUMPTION:  
6,0 - 22 kWt, 380 V, 50 Hz

OVERALL DIMENSIONS, WEIGHT:

3130 mm	Length	6382 mm
1750 mm	Width	2250 mm
3017 mm	Height	3682 mm
960 kg	Weight	1660 kg

**ISM - 40 CSC**



**ISM - 50 CSC**



**ISM - 100 CSC**



**ISM - 150 CSC**



**ISM - 200 CSC**

