

Akyurek Excell 51 is developed for grading of cereals and seeds.

1- Feed Roller width Built-in stirrer

- ensures by means of the stirrer that no product build-up
- has built-in spring loaded safety device.
- has feed gate which in combination with variable RPM control of the feed rate.

2- Pre- and After Suction System

- is built as separate systems to ensure a precise and independent air cleaning
- separates the light particles before the material reaches the sieves
- when the product leaves the cleaner via the air screen.

3- Screen Shoes of Birch Plywood

- are moisture and insect-resistant
- have a long lifetime because the birch plywood easily tolerates the vibration of the screen shoes.

4- Ball Box

- Ensures efficient cleaning of sieves by means of rubber balls
- is cast solid so that it prevents stuck seeds etc. (self-cleaning)

5- Air Lifting Unit

- is capable by means of staggered fans and air guides of giving a completely uniform air pressure from beneath the product when it leaves the cleaner
- With specially designed impellers ensuring low noise level - has stepless adjustment of RPM on the fans

6- Screw Conveyor for Light waste

- ensures continuous discharge of dust and light waste from the air system via screws
- with finger flaps to ensure optimal dust separation in the expansion chamber by preventing false air from entering into the chamber

7- Balanced Eccentric System

- is fitted with counter weights ensuring steady running
- is fitted with "heavy duty" bearings
- ensures maximum utilisation of the cleaning effect of the sieves owing to accurately attuned stroke and RPM.

8- Perforated Screens for all Purposes

- are available with round and long holes from 0,3 to 25,0mm
- are available in a standard size of: 800 mm (L) x 800 mm (B) = 0,64 m².

9- Air Lifting Sieve Screen

- serves to convey the product through the air flow to ensure elimination of light particles
- forces the product through under passage to turn its biggest surface against the air flow in order to obtain optimal separation
- is constructed with adjustable air lifting hood over the air lifting sieve, which ensures optimal collecting up of the discarded light particles
- is combined with air lifting hood, designed with inspection window in full width, in order to make the adjustment of the air volume easier.

Capacity: (at max. 15% moisture content)		
Wheat, rye, sorghum and malted barley		2-3 t/hr
Oats, maize and white rice		2-3 t/hr
Soya, peas, rape and green coffee		1-2 t/hr
Paddy rice		1-2 t/hr
Sunflower, roasted coffee and beet seed		1-2 t/hr
Rye grass and clover		1-2 t/hr
Dimensions:		
Machine height		2580 mm
Machine length		2800 mm
Machine width		1780 mm
Screen area:		
Layer 1 (over size screen)	1x(800x800mm)	0,64 m ²
Layer 2 (under size screen)	2x(800x800mm)	1,28 m ²
Layer 3 (under size screen)	2x(800x800mm)	1,28 m ²
Square outlet pipes:		
(Adapter to round available) a) from screens		150x150 mm
Motors: (standard):		
Feeder roller		0,55 kw
Discharge screw		0,37 kw
Fan top		3,0 kw
Fan bottom		1,1 kw
Sieve boat		1,1 kw
Air volume:		
Pre-and after suction		5000 m ³ /h
Total weight of cleaner:		
		1600 kg

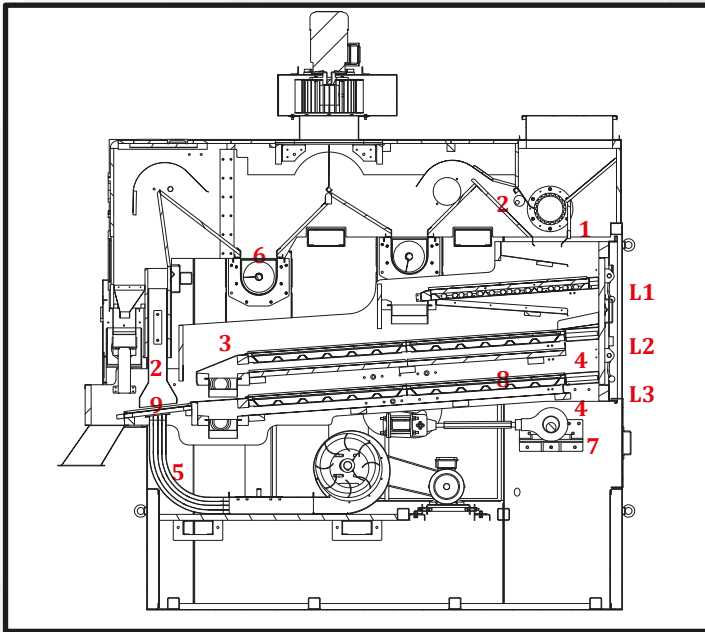
Technical data can vary for certain of the above due to continued development, or a different machine composition.

This Akyurek cleaner can, in a few minutes, be converted to different cleaning programs, e.g.: Beans, lupin seed, Peanuts, Oats, wheat, Malted barley, Rye grass, Red fescue, Rape, peas, lentils
Maize (in Seed processing for Maize different Screen Layouts are available)

MMCTECH

Seed Cleaning Processing

www.mmctech.us - info@mmctech.us



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8- Perforated Screens for all Purposes

- are available with round and long holes from 0,3 to 25,0mm
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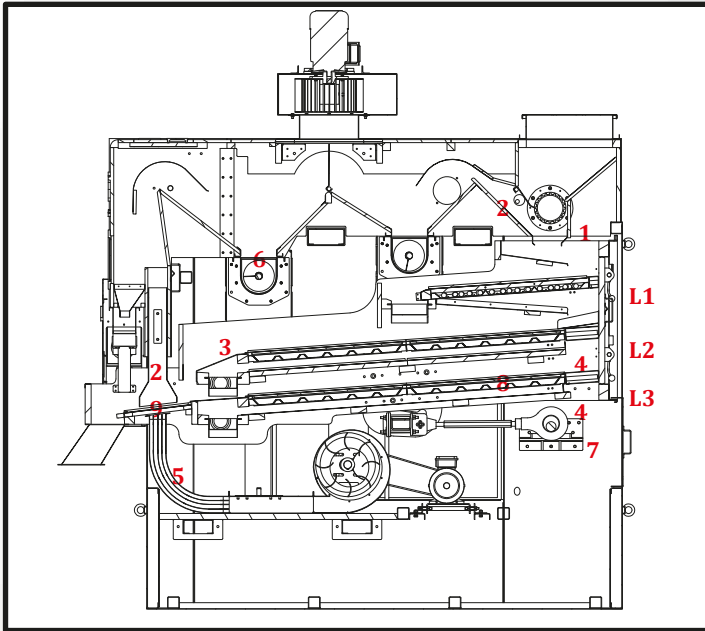
Capacity: (at max. 15% moisture content)		
Wheat, rye, sorghum and malted barley		3-4 t/hr
Oats, maize and white rice		3-4 t/hr
Soya, peas, rape and green coffee		2-3 t/hr
Paddy rice		2-3 t/hr
Sunflower, roasted coffee and beet seed		2-3 t/hr
Rye grass and clover		2-3 t/hr
Dimensions:		
Machine height		2580 mm
Machine length		2800 mm
Machine width		1780 mm
Screen area:		
		5 m ²
Layer 1 (over size screen)	1x(1250x800mm)	1 m ²
Layer 2 (under size screen)	2x(1250x800mm)	2 m ²
Layer 3 (under size screen)	2x(1250x800mm)	2 m ²
Square outlet pipes:		
(Adapter to round available) a) from screens		150x150 mm
Motors: (standard):		
Feeder roller		0,55 kw
Discharge screw		0,37 kw
Fan top		3,0 kw
Fan bottom		1,1 kw
Sieve boat		1,51 kw
Air volume:		
Pre-and after suction		6500 m ³ /h
Total weight of cleaner:		1610 kg

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MMCTECH

SEED PROCESSING & CONDITIONING



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Capacity: (at max. 15% moisture content)	
Wheat, rye, sorghum and malted barley	4-5 t/hr
Oats, maize and white rice	4-5 t/hr
Soya, peas, rape and green coffee	3-4 t/hr
Paddy rice	3-4 t/hr
Sunflower, roasted coffee and beet seed	3-4 t/hr
Rye grass and clover	3-4 t/hr
Dimensions:	
Machine height	2580 mm
Machine length	3700 mm
Machine width	1780 mm
Screen area:	
7 m ²	
Layer 1 (over size screen)	1x(1250x800mm) 1 m ²
Layer 2 (under size screen)	3x(1250x800mm) 3 m ²
Layer 3 (under size screen)	3x(1250x800mm) 3 m ²
Square outlet pipes:	
(Adapter to round available) a) from screens	150x150 mm
Motors: (standard):	
Feeder roller	0,55 kw
Discharge screw	0,55 kw
Fan top	3,0 kw
Fan bottom	2,2 kw
Sieve boat	2,0 kw
Air volume:	
Pre-and after suction	6500 m ³ /h
Total weight of cleaner:	
2200 kg	

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