

Screen Selection for KDC

Data sheet

Inner Screens

The inner screen separates the large impurities from the crop.

An inner screen with small holes compared to the kernel size gives the most efficient cleaning, but reduces the capacity.

An inner screen with large holes compared to the kernel size gives capacity, but reduces the cleaning efficiency.

If too much crop is fed into the KDC, good kernels will be discharged together with the impurities.

Max. capacity



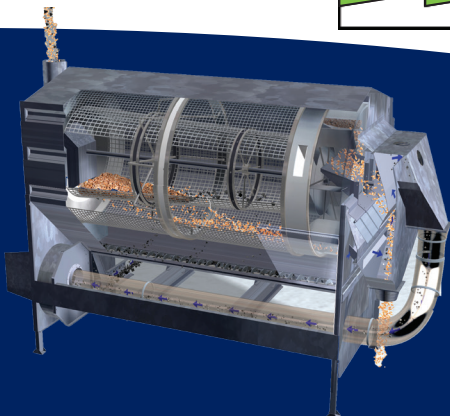
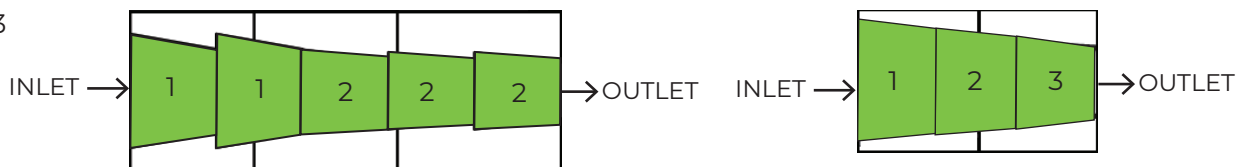
Max. cleaning effect, reduced capacity

Screen Perforation in Modules (mm)	Maize (Corn)	Wheat	Barley	Oat	Rye	Soya Beans	Sunflower	Peas	Rape Seed
KDC 8000: Modules 1 - 1 - 2 - 2 - 2 KDC 4000: Modules 1 - 2 - 3									
Ø17/Ø17/Ø15/Ø15/Ø15 Ø17/Ø17/Ø15									
Ø15/Ø15/Ø13/Ø13/Ø13 Ø15/Ø15/Ø11									
Ø13/Ø13/Ø11/Ø11/Ø11 Ø13/Ø13/Ø11									
Ø11/Ø11/Ø9/Ø9/Ø9 Ø11/Ø11/Ø9									
Ø9/Ø9/Ø7.4/Ø7.4/Ø7.4 Ø9/Ø9/Ø7.4									
Ø8/Ø8/Ø7.4/Ø7.4/Ø7.4 Ø8/Ø7.4/Ø7.4									
Ø7.4/Ø7.4/#5.2/#5.2/#5.2 Ø7.4/Ø7.4/#5.2									
Ø7/Ø7/#5.2/#5.2/#5.2 Ø7/#5.2/#5.2									
Ø6.5/Ø6.5/#5.2/#5.2/#5.2 Ø6.5/#5.2/#5.2									
#5.2/#5.2/Ø4.3/Ø4.3/Ø4.3 #5.2/#5.2/Ø4.3									
Ø4.3/Ø4.3/Ø3.5/Ø3.5/Ø3.5 Ø4.3/Ø4.3/Ø3.5									
Ø3.5/Ø3.5/#2.75/#2.75/#2.75 Ø3.5/Ø3.5/#2.75									
Oblong holes 10 x 30 (all modules)									
Oblong holes 5 x 20 (all modules)									
Oblong holes 3.5 x 16.5 (all modules)									

- 1 = Module 1
- 2 = Module 2
- 3 = Module 3

KDC 8000 /
KDC 8000 **PLUS**

KDC 4000 /
KDC 4000 **PLUS**



Outer Screens

On the outer screen, small impurities and small kernels are separated from the crop.

For precleaning, there is no limitation in capacity in relation to choice of screens.

For separation of kernels by size on the outer screen, app. 10-20% of the capacity rated for precleaning can be obtained.

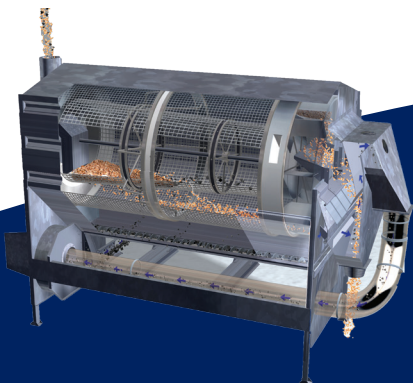
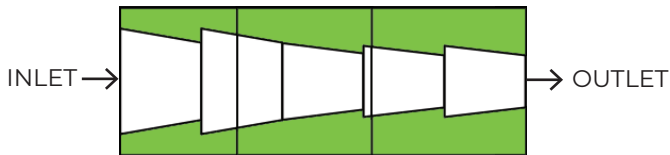
Kernel Size

- Small
- Medium
- Large

Screen Perforation (mm) KDC 8000: 3 screen modules - all identical KDC 4000: 2 screen modules - both identical	Maize (Corn)	Wheat	Barley	Oat	Rye	Soya Beans	Sunflower	Peas	Rape Seed
Oblong holes 1.0 x 16.5									●
Oblong holes 1.2 x 16.5				●	●				●
Oblong holes 1.4 x 16.5		●		●					
Oblong holes 1.8 x 16.5		●		●			●		
Oblong holes 2.0 x 16.5		●	●				●		
Oblong holes 2.25 x 16.5		●	●				●		
Oblong holes 2.4 x 16.5		●	●						
Oblong holes 2.5 x 16.5			●						
Oblong holes 2.65 x 16.5			●			●			
Oblong holes 3.5 x 16.5						●			
Oblong holes 4.0 x 16.5						●		●	
Oblong holes 4.3 x 16.5						●		●	
Oblong holes 4.5 x 16.5						●		●	
Oblong holes 5.0 x 20.0	●								
Square holes 2.75		●	●		●				
Square holes 5.2	●								
Square holes 6.0	●								
Holes Ø2.0		●	●	●	●				
Holes Ø3.5						●		●	
Holes Ø4.3	●					●		●	
Holes Ø7.0	●								
Holes Ø7.4	●								
Holes Ø9.5	●								
No perforation									

KDC 8000
KDC 8000 **PLUS**

KDC 4000
KDC 4000 **PLUS**



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