



SKIOLD DAMAS ROYAL



SKIOLD MAKES THE DIFFERENCE!



SKIOLD DAMAS ROYAL COLOR SORTER

State-of-the-art image processing that offers fast and convenient detection of faults and impurities in your grain or seed material. The Royal series of color separators offers fast and convenient operation. Royal is equipped with a very precise pair of high resolution CCD cameras capable of identifying even minor impurities. Royal can recognize and separate glass, plastic, stone and even pin points of rice.



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Royal colour sorter

State-of-the-art image processing that offers fast and convenient detection of faults and impurities in your grain or seed material



The Royal Colour Sorter series uses high resolution CCD cameras to identify impurities in grain or seed materials. Royal Sorters can recognize and separate very small particles of e.g. glass, plastic, stone and even fragments of rice.

Royal series features modern technology using two cameras and superior image processing, giving far more accurate results than the traditional one-axis single-sensor "pinpoint" approach.

How it works

By scanning the material from multiple angles, the image precision is far better than in conventional optical sorting systems. Based on computer analysis of the combined images scanned by the cameras, the system can detect and reject defective material more accurately than ever seen before.

Your direct benefits

Double CCD cameras for better detection and state of the art image processing

Specially coated channel chutes prohibits dispersion of raw material

Built-in control system featuring 8-inch touch screen controls and Ethernet connection

LED illumination offering customizable colour and 50,000 hours MBT

Optional NIR (Near Infra-Red) technology

Specifications		Royal-1 Plus	Royal-2	Royal-3	Royal-4	Royal-5
Guiding capacity*	t/h	0.8 - 4.0	1.0 - 6.0	1.5 - 8.0	2.0 - 10.0	2.0 - 12.0
Channels	pcs.	96 (64:32)	128 (96:32)	192 (96:64)	256 (192:64)	280 (192:88)
Required external air compressor	kW	5.6	5.6	7.5	11.3	15.0
Length	mm	1584	1584	1584	1584	1584
Width	mm	1280	1480	1780	2080	2260
Height	mm	1850	1850	1850	1850	1850
Weight	kg	650	750	900	1040	1150

*Capacities may vary depending on type of product and percentage of rejected material.