





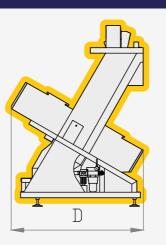


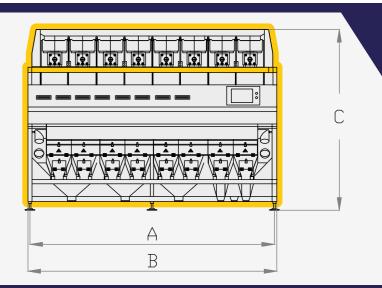






- Zeugma Series Color Sorter Intelligence makes a difference. Grain color sorting machine is a new multi-purpose color sorter, which offers color selection work of soybeans, corn, beans, peanuts, beans, pepper, chickpeas and a series of agricultural products, grains and cereals as well.
- Multi Dimension-Targets the spectral and spatial difference and offers the solution that best suits the requirements.
- **Unsupervised Self-Learning -** Understanding customer's needs better, through the curve incision algorithm, iterative optimization and mathematical modelling.
- Enchanced Detection of Subtle Color Variation Makes commissioning easier for the most complex sorting applications.
- The HD Micron Color Camera With 160 Million Pixels Ability to detect 130 million colors. 5400CCD sensor + HD low-distortion camera.





MODELS	DIMENSIONS (mm)				
MODELS	Α	В	С	D	
ZEUGMA C4	1715	1765	2150	1565	
ZEUGMA C6	2250	2400	2150	1565	
ZEUGMA C8	2890	2950	2150	1565	
ZEUGMA C10	3640	3700	2150	1565	

MODELS	ZEUGMA C4	ZEUGMA C6	ZEUGMA C8	ZEUGMA C10
Ejector Number	240	360	480	600
Sensor	5400 CCD	5400 CCD	5400 CCD	5400 CCD
Voltage (V)	180 - 240, 50Hz(Ac)	180-240, 50Hz(Ac)	180-240, 50Hz(Ac)	180-240, 50Hz(Ac)
Machine Power(kW)	2.6	3.2	3.6	4.2
Air Consumption (m³/min)	≤4.0	≤5.5	≤6.5	≤8.0
Air Pressure (Bar)	6-8	6-8	6-8	6-8
Temperature(C°)	5-35	5-35	5-35	5-35
Dimensions(mm)	1765*1570*2143	2400*1570*2143	2950*1570*2143	3700*1570*2143
Weight(kg)	1050	1450	1800	2200





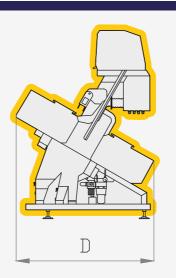


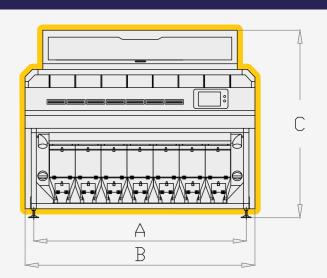






- Ariana Series Al Sorter Shape and color sorting machine beyond your expectation.
- The HD Micron Color Camera With 160 Million Pixels Ability to detect 130 million colors. 5400CCD sensor + HD low-distortion camera.
- Top level LED Light Source System Consists of high brightness, low temperature and long life lighting possibility.
- 15 inch Super Smart Control Screen Intelligent display for more efficient and more convenient control of the machine.
- Intelligent Shape Selection Technology Has unique shape recognition technology for the perfect result.
- Advanced Interconnection System Can have functions for remote connection, operation and alarm alerting.
- **High Capacity Process Chip -** Process steps are now more effective due to the scanning speed of more than 10000 times per second.
- InGaAs Infrared System Effectively removes damaged products from the product stream to ensure excellent quality.





MODELS		DIMENSIO	NS (mm)	
14100000	Α	В	С	D
ARIANA C3	1250	1455	2150	1570
ARIANA C5	1877	2075	2150	1570
ARIANA C7	2200	2625	2150	1570

	ARINA C3	ARIANA C5	ARIANA C7
Ejector Number	180	300	420
Sensor	5400 CCD	5400 CCD	5400 CCD
Voltage (V)	180-240, 50Hz(Ac)	180-240, 50Hz(Ac)	180-240, 50Hz(Ac)
Machine Power(kW)	1.8	2.4	3.5
Air Consumption (m³/min)	≤3.0	≤4.5	≤6.0
Air Pressure (Bar)	6-8	6-8	6-8
Temperature(C°)	5-35	5-35	5-35
Dimensions(mm)	1455*1570*2142	2075*1570*2142	2625*1570*2142
Weight(kg)	940	1330	1650





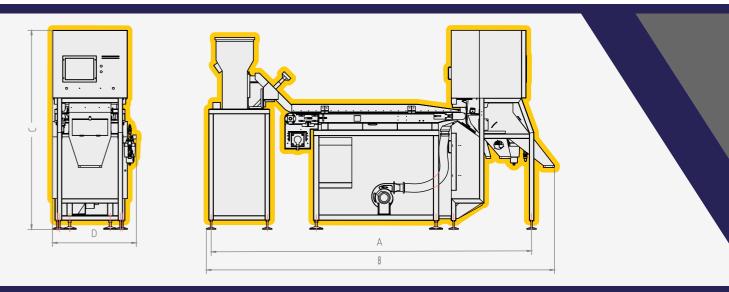








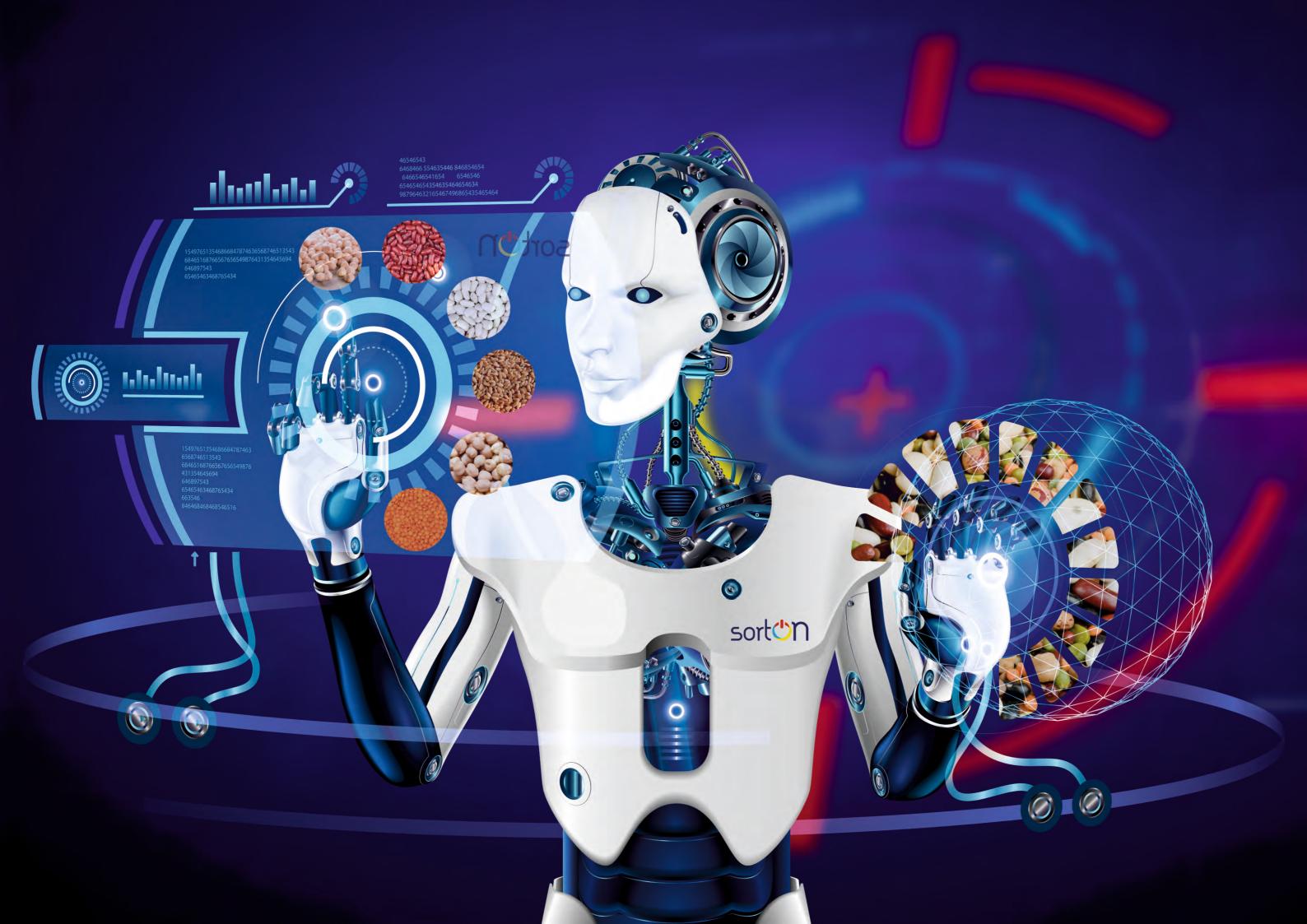
- LD Series Mutli-Function Al Sorters The multi-vision technology for sorting without blind spot.
- The Belt Transmission System Smooth landing for reducing broken rate.
- Premium Stainless Steel Waterproofing rated to IP66. Waterproofing of the sorting chamber rated to IP54.
- The HD Micron Color Camera With 160 Million Pixels Ability to detect 130 million colors. 5400CCD sensor + HD low-distortion camera.
- **New LED Light Source** Stability of the power supply is highly upgraded, the life-spam of LED is extended and the cost has been reduced.
- Improved Automatic Error Checking and Detection Function Automatic recognition of ejector, light control panel, electric motor and other faults.
- Industry- Leading intelligent shape extraction technology- our machine can sorting products according to not only the color of the material but also the shape and size.



MODELS	DIMENSIONS (mm)				
14105223	Α	В	С	D	
30 LD2	3424	3720	2127	896	
60 LD2	3421	3727	2494	1296	
60 LD4	3325	3590	2140	1788	
120 LD2	3274	3549	2144	1861	
120 LD4	3325	3590	2140	2368	
120 LDS2	3152	3842	2769	2274	

MODELLER	30LD2	60LD2	120LD2	60LD4	120LD4	120LDS	120LDS2
Ejector Number	60	120	240	120	240	480	480
Voltage (V)	180-240(50HZ)	180-240(50HZ)	180-240(50HZ)	180-240(50HZ)	180-240(50HZ)	180-240(50HZ)	180-240(50HZ)
Machine Power(kW)	1.5	2.0	3.0	2.0	3.5	4.5	4.5
Air Consumption (m³/min)	6-8	6-8	6-8	6-8	6-8	6-8	6-8
Air Pressure (Bar)	≤1.0	≤1.8	≤3.6	≤1.8	≤3.6	≤4.5	≤4.5
Dimensions(mm)	3660*900*2110	3570*1200*2120	3500*1800*2120	3565*1780*2140	3565*2480*2140	3390*2110*2360	3850*2275*2770
Weight(kg)	700	900	1100	950	1350	1500	1700







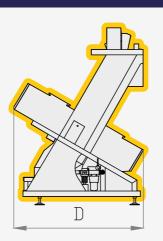


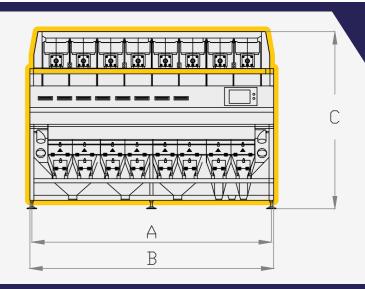




SORTON ARGUS SERIES PROPERTIES

- Argus Series Sesame/Rice Specialized Sorter High efficiency and stable sorting performance.
- Super Brain Detection-Unsupervised Self Learning technology(delivers the sorting solution that best suits your requirements).
- The HD Micron Color Camera With 160 Million Pixels Ability to detect 130 million colors. 5400CCD sensor + HD low-distortion camera.
- One-Key Automation For Ease of Use The 4th generation unmonitored intelligent system. Incorporates sorting parameters into intelligent analysis 100%.
- High Brightness, LED Light Source With Low Temperature Characteristics LED light to
 products without having any blind spot. Because of this lighting system the selection
 performance of the machine is even higher. Besides, the machine has a long life and does
 not require long service.
- Automatic Background Adjustment Function Make ARGUS fast and easy.
- Wide Chute Design Thanks to this design, the capacity can reach upto 25 ton per hour.
- Nikon Lens Performance With Top level CCD sensor and lens, satisfies the expectations
 of the user and continues to be the market leader. Can be scan 30,000 times per second.
- **New Ejector Assembly -** This new ejector assembly is adapted to operate in the ARGUS range at 1 KHz. The ARGUS ejector system has a long life spam of over 8 million strokes and has an important role in maximizing the selection performance.





MODELS		DIMENSIO	ONS (mm)	
MODELS	Α	В	С	D
ARGUS C4	1715	1765	2150	1565
ARGUS C6	2250	2400	2150	1565
ARGUS C8	2890	2950	2150	1565
ARGUS C10	3640	3700	2150	1565

MODELLER	ARGUS C4	ARGUS C6	ARGUS C8	ARGUS C10
Ejector Number	240	360	480	600
Sensor	5400 CCD	5400 CCD	5400 CCD	5400 CCD
Voltage (V)	180 - 240, 50Hz(Ac)	180-240, 50Hz(Ac)	180-240, 50Hz(Ac)	180-240, 50Hz(Ac)
Machine Power(kW)	2.4	3.0	3.5	4.2
Air Consumption (m³/min)	≤2.0	≤3.0	≤4.0	≤5.0
Air Pressure (Bar)	6-8	6-8	6-8	6-8
Dimensions(mm)	1765*1562*2143	2400*1562*2143	2950*1562*2143	3700*1562*2143
Weight(kg)	950	1300	1600	1950



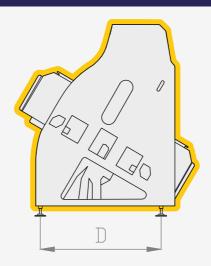


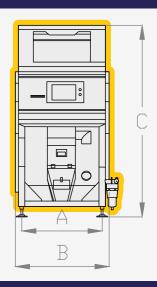




SORTON I-RIS SERIES PROPERTIES

- Application Area Shelled nuts, Nuts and Seeds/Kernels
- The Innovative Hyper-Spectral Infrared Technology The extraordinary sorting solution for shelled nuts.
- The HD Micron Color Camera With 160 Million Pixels Ability to detect 130 million colors. 5400CCD sensor + HD low-distortion camera.
- Complementary Stepless Dimming System The LED Long Life serviceable light source
 with low temperature rise and high intensity. Automatically adjustable intensity of the lighting
 system under changing ambient conditions.
- Long-Life Serviceable Ejector Provides an exceptional sorting performance over a longer period of time, lowering operating costs.
- High Speed Infrared Sensor Ideal for separating tiny materials' damages.
- Fully Spectrum of High Powered infrared light source system-high efficieny, long life-spam and provides low price.
- Automatic Image Correction Algorithm Prevents image-induced image disturbance.
- Unique New Optical Design Due to this unique design, the performance of products selection is not negatively affected by the dust.
- Perfect Interactive System Highest resolution, easier operation and self-detecting errors.





MODELS	DIMENSIONS (mm)				
MODELS	Α	В	С	D	
I-RIS C1	852	992	2030	1854	
I-RIS C3	1644	1777	2030	1854	
I-RIS C5	2236	2568	2030	1854	

MODELLER	I-RIS C1	I-RIS C3	I-RIS C5
Ejector Number	60	180	300
Sensor	5400CCD	5400CCD	5400CCD
Voltage (V)	180-240, 50Hz(Ac)	180-240, 50Hz(Ac)	180-240, 50Hz(Ac)
Machine Power(kW)	1.8	4.8	6.0
Air Consumption (m³/min)	≤ 1.0	≤ 3.0	≤ 4.5
Air Pressure (Bar)	6 - 8	6 - 8	6 - 8
Temperature(C°)	5-35	5-35	5-35
Dimensions(mm)	1088*1854*2030	1880*1854*2030	2568*1854*2030
Weight(kg)	700	1100	1300



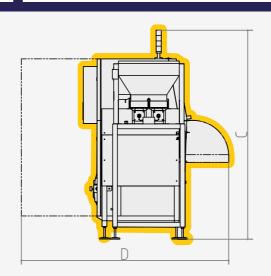


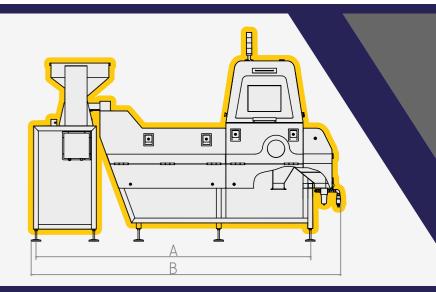




SORTON X-RAY SERIES PROPERTIES

- Inspection of Foreign Materials Remove metal, stones, glass, sands and bones precisely.
- **Defects Inspection -** Detect and remove defects including the injured kernel and products with seeds left.
- Micron Sensing System Makes sorting faster and more precise.
- Multi-vision DR Technology Multi-angle DR imaging technology. Inspection without blind spot.
- Long-life Serviceable Ejector The Magnetic Leviation Technology eliminates wear between rotor and ejector.
- **Black Shield Technology** The intelligent analysis of the proprietary black shield system for different applications makes sure the most suitable and the cutting-edge parts will be taken.
- **Seamless Belt-type System -** The belt-type structure features the edge blending technology which keeps materials stable and improves imaging quality as well as ensures inspection precision.
- **Durability -** Waterproof, Fungi-proof, Anti-freezing, Anti-corrosion and Radiation Protection.
- Large Larger capacities and higher yeilds. 3 tons of oil seeds per hour; 6 tons of beans per hour.
- **Fast -** The custom hardware system with inspection speed approaching 100 meters per minute and response time of the ejector 1 milisecond.
- **Ease of Use** Equipped with a new and larger 17inch touch screen user interface, simplifying usability for the operator combined with the automactic trouble diagnosis system.
- **New -** All-new structure design combined with automatic monitor of materials delivers higher precision of removal.



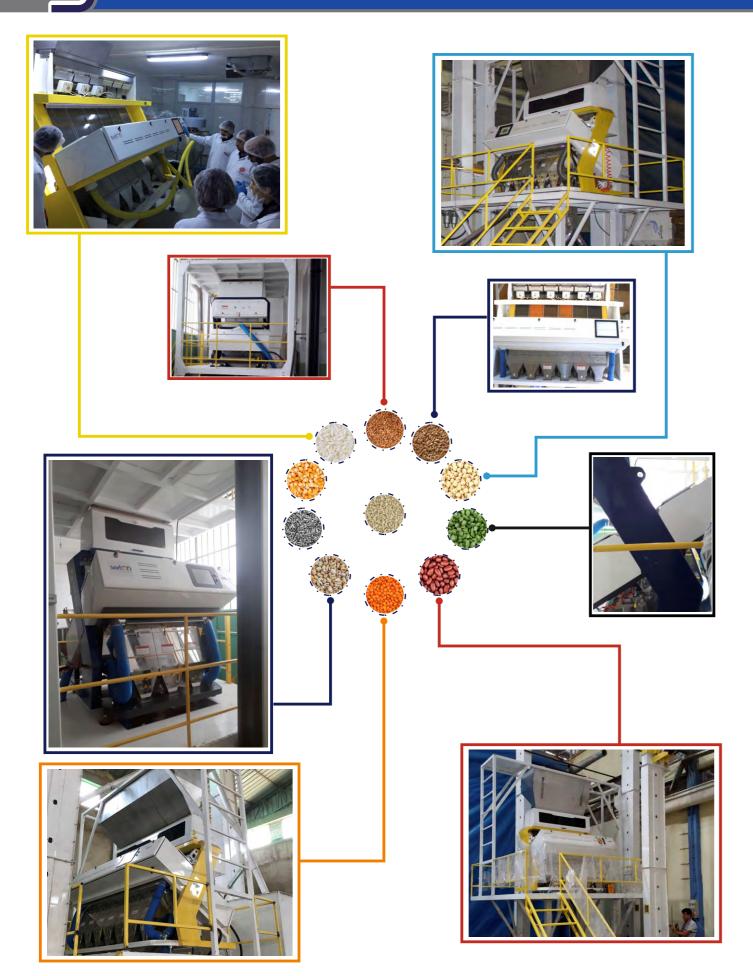


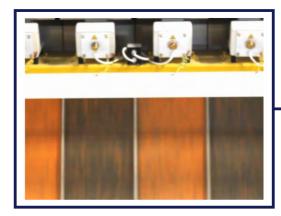
MODEL	SS-X8084SSF - S
X-Ray Out	350W, 80kv/8mA
İnterface	17" LCD Touch Screen
Conveyor Speed (m/min)	10-100
Strap Width (mm)	470
X-Ray Leakage Amount (μ Sv / h)	≤1
Protection Level	IP66, IP54
Voltage (V)	180-240(50Hz)
Air Consumption (m³/min)	≤0.3
Air Pressure (Bar)	6 – 8
Working Conditions	Ambient Temperature: 0-40°C, Relative Humidity(No condensation) :30-85%
Dimensions(mm)	600 *1150*2100
Weight(kg)	600
Sensitivity	Round ≥ Φ0.3mm, Flat ≥ Φ0,2*2 mm



REFERENCES

APPLICATIONS





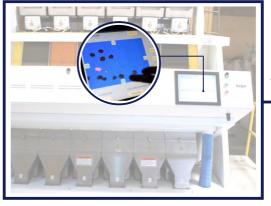
Wide Groove Design

Can help amending the machine's efficiency up to %50



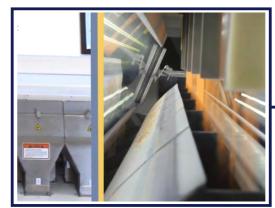
Rich Shape Recognition Function

Obtain fine products with super specific selecting function called "Thorn Sorting"



15 inch Super Smart Control Panel

Smart panel lets you to use the machine more efficient and useful



Ultra-Sharp Color Sensor

160 million piexl, has power to select micro color differences



