



Zarkan Sanat Iranian
Leading Brand in Color Sorter



www.ZarkanSanat.com 

MODELS A



MODELS	A422C16-512V6	A222C8-256V6
Channels	512	256
Layers	2	2
Belt width (mm)	1280	680
Voltage (V)	220 (50Hz)	220 (50Hz)
Power of main machine (KW)	6.2	5.4
Air Pressure (MPa)	0.6~0.8	0.6~0.8
Dimension(L*W*H)(mm)	3260*1820*2450	3260*1220*2450
Weight (KG)	1400	1270
Structure material	Carbon steel, stainless steel	Carbon steel, stainless steel
Type of feeder	Vibrator	Vibrator

MODELS C



MODELS	C212C4-128V6	C222C8-256V6
Channels	128	256
Layers	1	2
Belt width (mm)	680	680
Voltage (V)	220 (50Hz)	220 (50Hz)
Power of main machine (KW)	2.4	4.8
Air Pressure (MPa)	0.6~0.8	0.6~0.8
Dimension(L*W*H)(mm)	2930*1220*1866	3300*1500*2200
Weight (KG)	1070	1370
Structure material	Carbon steel, stainless steel	Carbon steel, stainless steel
Type of feeder	Integrated Vibratory	Integrated Vibratory

MODELS H



MODELS	H412C8-256SV3	H212C4-128SV3
Channels	256	128
Layers	1	1
Belt width (mm)	1280	680
Voltage (V)	220 (50Hz)	220 (50Hz)
Power of main machine (KW)	7	4.8
Air Pressure (MPa)	0.6~0.8	0.6~0.8
Dimension(L*W*H)(mm)	3300×1840×1810	3132*1865*1587
Weight (KG)	961	580
Structure material	Carbon steel, stainless steel	Carbon steel, stainless steel
Type of feeder	Electromagnetic vibratory	Electromagnetic vibratory

MODELS M



MODELS	M212C4-128SV3
Channels	128
Layers	1
Belt width (mm)	680
Voltage (V)	220 (50Hz)
Power of main machine (KW)	4.8
Air Pressure (MPa)	0.6~0.8
Dimension(L*W*H)(mm)	3132*1865*1587
Weight (KG)	580
Structure material	Carbon steel, stainless steel
Type of feeder	Electromagnetic vibratory

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PRODUCT ADVANTAGE

- 1 Optical CCD Color Cameras**
2048-pixels grade high resolution CCD color cameras improve the removal of color defects and challenging foreign material.
- 2 Real-Time Image Display System**
Check the real-time images in the PC, effective your parameters setting in the first time.
- 3 Belt Structure Contributes to Lower Damage Rate**
Transport the material on the belt in horizontal direction, less collision happens, lower damage rate makes.
- 4 Belt Structure Leads to Higher Sorting Accuracy**
Stable speed transportation on the belt, better cameras detection, more precise foreign material ejection.
- 5 Customized and Optimized Algorithm**
Customized the image algorithm according to different material, lower the carryover rate and reduce the unnecessary loss.
- 6 Durable LED Lighting**
Lower power consumption, long-life and durable LED lighting, reduces operational costs.



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MODELS E



MODELS	ES212C4-128SV6
Channels	128
Layers	1
Belt width (mm)	680
Voltage (V)	220 (50Hz)
Power of main machine (KW)	2.1
Air Pressure (MPa)	0.6~0.8
Dimension(L*W*H)(mm)	3784*1220*1755
Weight (KG)	650
Structure material	Carbon steel, stainless steel
Type of feeder	Electromagnetic vibration

SORTING DEMONSTRATION



CASE STUDIES



SORTING DEMONSTRATION

