

SINGLE LAYER WET ORE SORTER



HDF5



HDF5+

TECHNICAL APPLICATION

1. Widely applicable to the sorting of non-metallic ores, metallic ores and other materials.
2. It is suitable for separating large particles of 10-40mm size, wet ore, dry ore, etc.
3. The new structure solves the problem of mutual adhesion between ore and crawler in the process of wet ore processing, etc.

FEATURES

1. The invisible optical path combined with the latest waterproof structure design can effectively improve the sorting effect of water-containing materials.
2. Deep learning technology has greatly improved the detection rate of complex materials and effectively reduced the carry-out rate.
3. A new generation of hardware and electrical architecture makes the equipment run more stably and efficiently.

FEATURES

1. Multi-optical path compensation system for finer detection and more stable operation.
2. New structure plus high speed spray valve for more accurate rejection and lower loss.
3. Open far-focus design, new dust cleaning and dust removal system, making machine operation more stable.
4. Ore specific AI algorithm, combined with remote APP, makes detection more intelligent and operation more convenient.
5. The whole machine adopts a new ore-specific system with optional deep learning module, which makes the sorting range wider and the operation more efficient.

PARAMETERS

Model	HDF5		HDF5+	
Structure Type	Vertical Type		Vertical Type	
Layer	Single		Double	
Capacity	10-30mm	6-10	10-30mm	7-12
	30-50mm	8-13	30-50mm	9-15
Carryover Ratio (Bad/Good)	> 10:1		> 10:1	
Accuracy	≥99%		≥99%	
Voltage/Frequency(V/Hz)	380V/50Hz		380V/50Hz	
Power (KW)	8.4		16	
Air Pressure (Mpa)	0.6-0.8		0.6-0.8	
Air Consumption (m ³ /min)	≤6		≤12	
Weight (Kg)	1500		2830	
Dimension (mm)	3682*2183*1463		3777*2183*2280	