



Electrostatic separators EBS (corona)



Designed for dry high-efficiency separation of materials, that differ in their electric properties:

- mixtures of plastics and metals, including shredded cables, into metal (copper, aluminium), and non-conducting material (plastic);
- mixture of different materials, provided that one of the components has conducting properties (extraction of textile cord from rubber crumb in the processing of used tires);
- shredded WEEE (including PCB's) into metal (aluminium, copper, nickel, bronze, and other) and nonconducting materials (plastic, textolite, fiber-glass plastic, and other), and also for:
 - separations of non-metal raw material (feldspar, pegmatite, quartz sand);
 - enriching of drough concentrates of ores of rare metals (titan-zirconia, tantalum-niobic, tin-tungsten, monazite), ores of precious metals (gold, silver);
 - beneficiation of diamond ore.

Designation	Production, kg/h*	Fraction, mm	Width of operating zone, mm	Drum quantity, units	Overall dimensions, mm	Power consumption, kW	The mass of separator, kg
EBS-2-27/60	100-150	-8 +0.5	600	2	1100x1320x1682	2.0	900
EBS-2-27/100	150-250		1000		1100x1720x1682	3.0	1200
EBS-2-27/150	300-500		1500		1100x2220x1682	3.0	1500
EBS-2-27/200	500-750		2000		1100x2720x1682	4.0	1800
EBS-4-27/150	750-1000		1500	4	1900x2220x1682	4.5	2500
EBS-4-27/200	1000-1500		2000		1900x2720x1682	6.5	3000
EBS-4-27/250	1500-2000		2500		1900x3220x1682	6,5	3500

1. * the productivity is indicated for the shredded cable. The productivity for other products is specified at test performance.

2. Separators can be additionally equipped with:

- feeding and draining screws;
- frame under the separator;
- operating platform for maintenance;
- feeding hopper of different volumes.

