



## Electrostatic separators EBS-T (triboelectric )



### Designed for

- dry separation of mixtures of polymers\* by the electrical properties, for example: PVC<sub>hard</sub> + nonconducting rubber + PVC<sub>soft</sub> + EPDM (ground window profile), PVC + PE (ground cable insulation), PET+PVC (crushed PET bottles), PET + PE (food packaging, containers), ABS+PS (crushed WEEE), PP+PE (plastic bottles and caps) and other mixtures (PVC + glass, PS + PP, PS + PC, PS + SAN, ABS + SAN, ABS + PVC, PET + PP, PE + PS);

- extraction of diamonds from tailings of X-ray luminescence separation.

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-T-27/60	100-200	- 8 + 2	600	1	1120x1370x1210	1,0	600
EBS-T-27/100	150-300		1000		1120x1770x1210	2,5	800
EBS-T-27/150	250-500		1500		1200x2420x1235	3,5	1000
EBS-T-27/200	350-700		2000		1200x2920x1235	4,0	1200
EBS-T-2-27/150	500-1000		3000	2	1980x1940x1275	4,5	1600
EBS-T-2-27/200	700-1400		4000		1980x2440x1275	5,0	1900
EBS-T-2-27/250	900-1800		5000		1980x2940x1275	5,5	2200

\* under indoor conditions at temperatures between 5 and 40 °C, relative humidity of environments no more than 40% and moisture content of separation products no more than 0,5%.

\*\* capacity for a particular product is defined during test separation. The maximum value is indicated for bulk density 0.8 t/m<sup>3</sup>.

\*\*\* characteristics of separators without additional options (p. 1).

1. Separators can be additionally equipped with:

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

2. It is possible to manufacture separators (separators with options), taking into account the requirements of the customer.

