

MAGNETIC TECHNOLOGY

EDDY CURRENT SEPARATOR Model DIS

TECHNICAL SPECIFICATIONS

Designed with a concentric rotor for maximum exposure of material to magnetic field. Concentric rotor design allows for the use of large permanent magnet blocks and for disposing of maximum magnetic energy. This combined with high speed rotor (3,000 rpm), provides superior metal contaminant removal performance.

PRODUCT HIGHLIGHTS

- Latest generation of performing neodymium permanent magnets.
- Electronic emergency fast breaking system (no clamping).
- Designed for easy access to the inside of the ECS and for easy maintenance

OPTIONAL FEATURES

- Brush cleaning system for belt
- Ceramic shell for fiber glass drum
- Air knife belt cleaning system
- Vibrating feeder
- Option to add a DNP crossbelt magnet over the belt

MODEL mm - ft	RPM	NUMBER OF POLES	ADJUSTABLE BELT SPEED	CAPACITY (*)	MAGNETIC FREQUENCY	LENGTH	WIDTH	HEIGHT	WEIGHT
DIS 50/150 20/60	3000	24	0,6-2 m/sec 2-6.5 ft/sec	4-5 t/h	600 Hz	3220 mm 127"	1500 mm 59"	1740 mm 68"	1,510 Kg 3,328 lbs
DIS 100/150 40/60	3000	24	0,6-2 m/sec 2-6.5 ft/sec	8 t/h	600 Hz	3220 mm 127"	2000 mm 79"	1740 mm 68"	1,950 Kg 6,173 lbs
DIS 100/200 40/80	3000	24	0,6-2 m/sec 2-6.5 ft/sec	8 t/h	600 Hz	3720 mm 146"	2000 mm 79"	1740 mm 68"	2,150 Kg 8,820 lbs
DIS 100/250 40/100	3000	24	0,6-2 m/sec 2-6.5 ft/sec	8 t/h	600 Hz	4220 mm 166"	2000 mm 79"	1740 mm 68"	2,350 Kg 4,300 lbs
DIS 130/200 50/80	3000	24	0,6-2 m/sec 2-6.5 ft/sec	13 t/h	600 Hz	3720 mm 146"	2300 mm 90"	1740 mm 68"	2,350 Kg 4,739 lbs
DIS 130/250 50/100	3000	24	0,6-2 m/sec 2-6.5 ft/sec	13 t/h	600 Hz	4220 mm 166"	2300 mm 90"	1740 mm 68"	2,500 Kg 5,180 lbs
DIS 150/200 60/80	3000	24	0,6-2 m/sec 2-6.5 ft/sec	15 t/h	600 Hz	3720 mm 146"	2500 mm 98"	1740 mm 68"	2,520 Kg 5,180 lbs
DIS 150/250 60/100	3000	24	0,6-2 m/sec 2-6.5 ft/sec	15 t/h	600 Hz	4220 mm 166"	2500 mm 98"	1740 mm 68"	2,650 Kg 5,511 lbs
DIS 175/250 70/100	3000	24	0,6-2 m/sec 2-6.5 ft/sec	18 t/h	600 Hz	4220 mm 166"	2800 mm 110"	1740 mm 68"	2,950 Kg 5,556 lbs
DIS 200/250 80/100	2000	30	0,6-2 m/sec 2-6.5 ft/sec	24 t/h	600 Hz	4370 mm 172"	3140 mm 123"	1860 mm 73"	5,000 Kg 11,023 lbs

(*) Depending on application, material specific weight and metal content in material

EDDY CURRENT SEPARATOR - Model DIS

TYPICAL APPLICATIONS

Municipal Solid Waste
and Wood Waste Recycling

