

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

MODEL	RPM	NUMBER OF POLES	ADJUSTABLE BELT SPEED	CAPACITY (*)	MAGNETIC FREQUENCY
DIS 20/60	3000	24	0,6-2 m/sec - 2-6,5 ft/sec	4-5 t/h	600 Hz
DIS 40/60	3000	24	0,6-2 m/sec - 2-6,5 ft/sec	8 t/h	600 Hz
DIS 40/80	3000	24	0,6-2 m/sec - 2-6,5 ft/sec	8 t/h	600 Hz
DIS 40/100	3000	24	0,6-2 m/sec - 2-6,5 ft/sec	8 t/h	600 Hz
DIS 50/80	3000	24	0,6-2 m/sec - 2-6,5 ft/sec	13 t/h	600 Hz
DIS 50/100	3000	24	0,6-2 m/sec - 2-6,5 ft/sec	13 t/h	600 Hz
DIS 60/80	3000	24	0,6-2 m/sec - 2-6,5 ft/sec	15 t/h	600 Hz
DIS 60/100	3000	24	0,6-2 m/sec - 2-6,5 ft/sec	15 t/h	600 Hz
DIS 70/100	3000	24	0,6-2 m/sec - 2-6,5 ft/sec	18 t/h	600 Hz
DIS 80/100	2000	30	0,6-2 m/sec - 2-6,5 ft/sec	24 t/h	600 Hz

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

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	LENGTH	WIDTH	HEIGHT	WEIGHT
DIS 20/60	3220 mm - 127"	1500 mm - 59"	1740 mm - 68"	1,510 Kg - 3,328 lbs
DIS 40/60	3220 mm - 127"	2000 mm - 79"	1740 mm - 68"	1,950 Kg - 6,173 lbs
DIS 40/80	3720 mm - 146"	2000 mm - 79"	1740 mm - 68"	2,150 Kg - 8,820 lbs
DIS 40/100	4220 mm - 166"	2000 mm - 79"	1740 mm - 68"	2,350 Kg - 4,300 lbs
DIS 50/80	3720 mm - 146"	2300 mm - 90"	1740 mm - 68"	2,350 Kg - 4,739 lbs
DIS 50/100	4220 mm - 166"	2300 mm - 90"	1740 mm - 68"	2,500 Kg - 5,180 lbs
DIS 60/80	3720 mm - 146"	2500 mm - 98"	1740 mm - 68"	2,520 Kg - 5,180 lbs
DIS 60/100	4220 mm - 166"	2500 mm - 98"	1740 mm - 68"	2,650 Kg - 5,511 lbs
DIS 70/100	4220 mm - 166"	2800 mm - 110"	1740 mm - 68"	2,950 Kg - 5,556 lbs
DIS 80/100	4370 mm - 172"	3140 mm - 123"	1860 mm - 73"	5,000 Kg - 11,023 lbs

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TYPICAL APPLICATIONS

Municipal Solid Waste
and Wood Waste Recycling

