

EddyPro Series

The new standard among Eddy Current Separators



Eddy Currents are used for separation of non-ferrous metals such as aluminum, copper, brass from bulk materials of any kind. The separation is based upon induction of an eddy current into non-ferrous metals. Due to the strong impulse permanent magnetic field and the high rotating speed of the rotor, a separation of even the smallest particles and difficult-to-separate materials can be easily achieved with the EddyPro INP Series.

Figure:
Separated Copper Fraction

- Excellent separation results down to 0.2 mm (0.008")
- Strong and intensive impulse magnetic field
- Centric and eccentric rotor design available
- Working width up to 3,000mm (10 feet)
- The rotor design is specifically adjusted to your application
- Idling of conveyor belt in case of voltage drop based an energetic recovery system of the magnet rotor
- Simple splitter adjustments available in single and double configurations
- Quick and easy system integration, high operational safety, extreme low maintenance cost

BENEFITS



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SICON provides the **best equipment** for your **particular needs**.



Prime Eddy Current Separator

With a choice of centric or eccentric rotors and separation **down to 1/128" (0.2 mm)**, the EddyPro offers customers excellent options for a variety of applications.

	EddyPro INP	EddyPro INPx	EddyPro INPxs
Applications	15 - 100 mm (0,5" - 3,9")	15 - 100 mm (0,5" - 3,9")	0.2 - 15 mm (0,008" - 0,5")
Rotor Design	Centric	Eccentric	Eccentric
Rotor Diameter	400 mm (16")	650 mm (26")	650 mm (26")
Pole Arrangement	10	24	36
Material	Medium-sized and Coarse	Medium-sized and Coarse	Fines and Ultra-Fines
Width	500 - 3,000 mm (20" - 118")	500 - 2,000 mm (20" - 79")	500 - 2,000 mm (20" - 79")
Control	Incl. Electric Controls	Incl. Electric Controls	Incl. Electric Controls

Contact us for more information about our products

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