

# Custom Solution Profile

## Customized Conveyor Magnets

**Top:** This complete Eddy Current separator was designed to meet the customer's requirement for turnkey installation. Framework, side-wall heights and color were all designed with the customer to achieve superior separation and cost effective installation. This Eddy Current separator was installed in an aluminum can recycling plant.

**Bottom Left:** Preventing foreign objects from getting between the magnet and belt are the key to extending the life of a suspended magnet. This picture shows the stainless steel side guards on this direct drive separator that keeps foreign objects from getting between the belt and magnet, whether it's metal or fingers.

**Bottom Right:** This self-cleaning electromagnet features a belt drive system that allows the customer to change the speed on the self-cleaning belt to match or exceed production speeds. If the self-cleaning belt stops for any reason, the drive belt becomes the weakest component.

For More Information On Magnetic Separators See Techsheets **TG-12B**.

