

SWENCO PERMANENT MAGNETIC PULLEY

DESCRIPTION

Swenco magnetic pulley separators are an easy, reliable solution to the problem of continuous ferrous extraction from the product stream. Magnetic pulley separators are installed as a replacement head pulley at the discharge end of a conveyor, a non magnetic adjustable diverter plate is installed beneath the pulley to slit the ferrous material away from the product stream.

The magnet system is 360 degrees to ensure that ferrous/iron is discharged behind the centre line of the pulley and to eliminate any weak spots. A special magnetic circuit provides uniform deep magnetic field across the width of the Pulley.

Swenco magnetic Head Pulleys are custom built, and are available in any diameter and face width, the pulley sizes will be recommended based on customer's installation or application. The standard diameters are 12", 15", 20", 24" and 30".

The pulley can be supplied with lagging. Taper lock bush is used to lock the shaft on to the Pulley. The pulley is also crowned at the edges for ensuring tracking of the belt.

Special pulleys can be designed for high temperature application involving temperatures above 120 degrees Celsius using Alnico Magnetic material.

