

MAGNETIC SEPARATION

MAGNETIC PULLEY

TECHNICAL DATA SHEET

The magnetic pulley is installed on the discharge end of the conveyor belt. Designed for removing iron particles which can not be eliminated by other magnetic separators such as overbands or magnetic plates due to the depth at which ferrous contamination is placed.

The magnetic pulley used in conjunction with the magnetic equipment above mentioned will give the best possible protection against ferrous contamination to the raw material.

This magnetic system is available in two magnetic grades, the magnetic circuit can be manufactured with ceramic magnets or rare Earth magnets.

Cleaning:

Magnetic pulley is continuously self-cleaning with its own rotation; as contamination enters the magnetic field of the pulley it is firmly held on the belt until it reaches the bottom where it exits the magnetic field and is been discharged separately from the product.

Features:

- Cover: made of stainless steel AISI 304.
- Painted mild steel end caps
- Shaft: mild steel
- Internal structure in iron
- Working temperature with ceramic magnets: -40 °C / +220 °C
- Working temperature with rare earth magnets: -40 °C / +80 °C



MAGNETIC PULLEY

TECHNICAL DATA SHEET

Standard measures

<i>Model</i>	<i>Belt</i>	<i>Pulley diameter</i>	<i>Width mm</i>
IDPM110220	200	110	220
IDPM110270	250	110	270
IDPM110320	300	110	320
IDPM110420	400	110	420
IDPM110520	500	110	520
IDPM110620	600	110	620
IDPM160450	400	160	450
IDPM160550	500	160	550
IDPM160650	600	160	650
IDPM160850	800	160	850
IDPM1601050	1000	160	1050
IDPM210400	300	210	350
IDPM210450	400	210	450
IDPM210550	500	210	550
IDPM210650	600	210	650
IDPM210850	800	210	850
IDPM2101050	1000	210	1050
IDPM250400	350	250	400
IDPM250450	400	250	450
IDPM250550	500	250	550
IDPM250650	600	250	650
IDPM250850	800	250	850
IDPM2501050	1000	250	1050
IDPM320400	350	320	400
IDPM320450	400	320	450
IDPM320550	500	320	550
IDPM320650	600	320	650
IDPM320850	800	320	850
IDPM3201050	1000	320	1050
IDPM400550	500	400	550
IDPM400650	600	400	650
IDPM400850	800	400	850
IDPM4001050	1000	400	1050
IDPM4001250	1200	400	1250
IDPM500850	800	500	850
IDPM5001050	1000	500	1050
IDPM5001250	1200	500	1250