

MAGNETIC TECHNOLOGY

PULLEY MAGNET SEPARATOR

Model SRP

TECHNICAL SPECIFICATIONS

The SGM SRP Separator is an ultra-high gradient permanent magnet head pulley mounted on its own frame, supplied with its own belt, typically much thinner than traditional conveyor belts (2,5 mm versus the typical 7 to 9 mm for traditional conveyor belts). The result is a reduced distance between the material being processed and the magnets.

PRODUCT HIGHLIGHTS

The combination of a large diameter head pulley, together with the use of the most performing generation of Neodymium magnet blocks, as well as a thin belt, and a special magnetic circuit design, optimize the gradient and ferrous attraction of the SRP separators.

OPTIONAL FEATURES

- Roller splitter
- Brush cleaning system for belt
- Air knife for belt cleaning
- Vibrating feeder

MODEL	MAGNET PULLEY	BELT SPEED EU	CAPACITY (*)	LENGTH	WIDTH	HEIGHT	WEIGHT
SRP 100	Ø300 mm Ø 12"	0.9-2.5 m/s 180-500 fpm	5-8 t/h	2700 mm 106"	1800 mm 70"	1400 mm 55"	1450 Kg 3,200 lbs
SRP 150	Ø300 mm Ø 12"	0.9-2.5 m/s 180-500 fpm	10-13 t/h	3250 mm 128"	2550 mm 100"	1400 mm 55"	1900 kg 4,200 lbs
VSRP 200	Ø450 mm Ø 18"	0.6-1.6 m/s 120-320 fpm	12-17 t/h	4650 mm 183"	2765 mm 110"	1330 mm 50"	3000 kg 6,615 lbs
VSRP 250	Ø450 mm Ø 18"	0.6-1.6 m/s 120-320 fpm	16-22 t/h	4650 mm 183"	3265 mm 130"	1330 mm 50"	3600 kg 7,950 lbs

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

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TYPICAL APPLICATIONS

Fines ferrous particles and
lightly magnetic material
like some austenitic stainless
steel pieces

