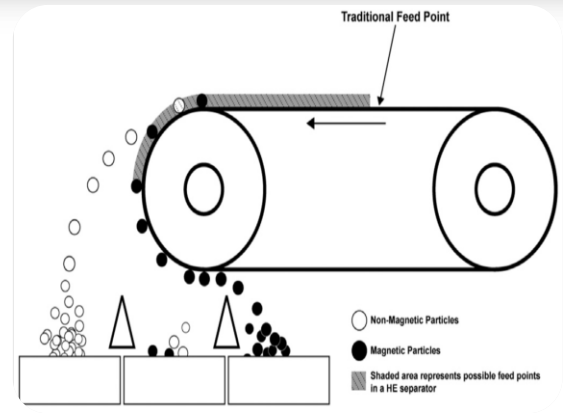
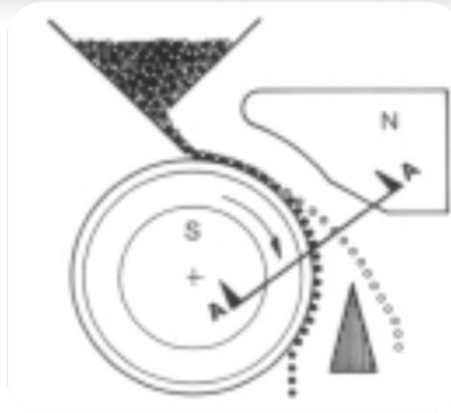




MAGWELL INDUSTRIES

MAGNETIC ROLL SEPARATOR



MAGWELL INDUSTRIES



INTRODUCTION:

MAGWELL Magnetic Roll Separator has Developed High Intensity, High Gradient, and Permanent Magnetic Roller Separators with the indigenous Technology. This technology can be successfully used in Industrial Minerals applications. The Technology involves high energy Rare Earth Neodym Permanent Magnetic Roll Assembly, Which is developed and assembled under strict quality control and specification to generate unsurpassed Magnetic Field Gradients. Under this high Intensity Magnetic Field, weekly Magnetic Contamination can be easily removed effectively.

OPERATING PRINCIPLE

A Short conveyor belt envelopes the Magnetic Roll and tensioning the Ideal Roll. An efficient Feeder discharges material on the Belt. The Ferro Magnetic and Para-magnetic particles adhere to the Belt while the non-magnetic particles flow freely off the end of the Conveyor.

FEATURES :

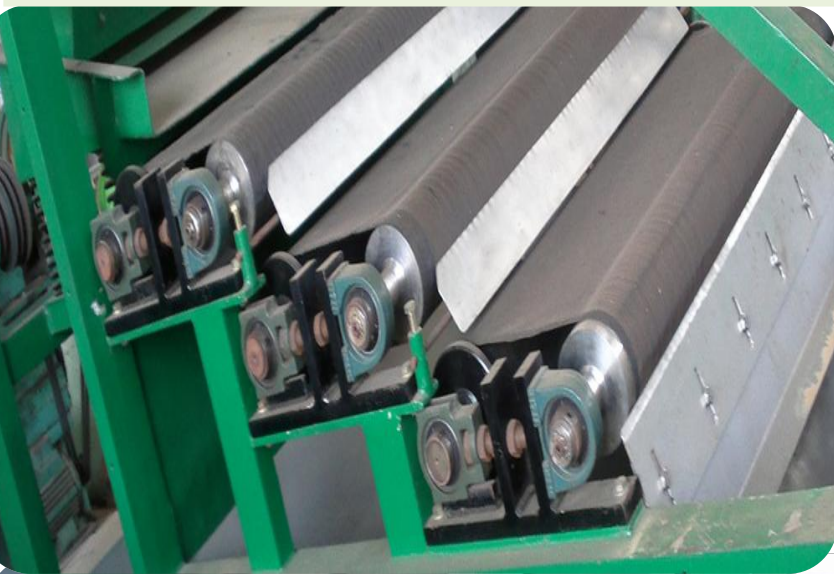
MAGWELL Magnetic Rolls are available in 100 & 150 mm dia and widths upto 1200 & 1500mm. There are three different Magnetic Strengths i. e. 8000 Gauss, 10,000 Gauss and 12,000 Gauss and 15,000Gauss. The Roll is driven by a 0.5 HP, variable speed DC/AC geared Motor drive adjustable from 0 to 100 RPM. For the purpose of Feeding, Vibratory Feeder with Control is provided. The Machine is provided with Abrasion resistant endless conveyor Belts of 0.8, & cavalry belt 0.6mm thickness.

APPLICATIONS :

MAGWELL Machines are most suitable for various types of Industrial Minerals applications i. e. Abrasive, Refractory and Ceramic Raw Material beneficiation, Alumina, Silica, Carbide, Magnetic, Quartzite, etc. Glass Raw Materials, Clean Silica Sand, quartz, Feldspar, Dolomite etc., Ultra High Purity Quartz Cleaning, Graphite Upgrading, Manganese Ore beneficiation, Bauxite Upgrading, Diamond ore beneficiation, Selective Separation of Garnet / Ilmenite/Rutile, Zircon, Beneficiation of Iron ore, Recovery of Metals from Slag, Removal of Ferro Silicate from Limestone, Food items, Chemical industries, and Rubber items and all type of ferrous separator Magnesite etc.

WORKING PRINCIPLE

Magwell High intensity permanent magnetic roll -type separators consists of permanent roll made of Ndfeb disks interleaved with pure iron disk idle roll, conveying thin belt , adjustable splitter and vibratory feeder . Operation of the separator is so simple that material to be treated is fed by the vibrator feeder onto conveying thin belt, magnetic particles are attracted to the roll and discharged into a Magnetic separate chute while non-magnetic particles are discharged from the roll a NM chute



MAGNETIC SEPARATORS



Magnetic Roll Separator



Magnetic Roll Separator



Magnetic Roll Separator

MAGWELL INDUSTRIES

No: 20/7, KUTTIYAPPAN 2nd STREET,
DAVIDPURAM, CHENNAI- 600 010
TAMILNADU, INDIA
PHONE No: +91 44 26420601 / 32572991
Mobile: +91 9962512991

EMAIL : sales@magwellindustries.com
magwellindustries@gmail.com
URL : www.magwellindustries.com
www.magwellindustries.co.in

WORK & BRANCH OFFICE

NO: 115, PARAMBEDU VILLAGE
KAVARAIPETTAI (POST)
NEAR GUMMIDIPOODI
THIRUVALLURE (DIST) - 601 201
TAMILNADU, INDIA

