

Regulator Cetrisa Metal Separators

Pol.Ind. El Regás - C/Vapor 8
·E-08850 GAVA (Spain)
T.+34-933-705.800 - F. +34-933-701.200
regulator@regulator-cetrisa.com

IRON METALS SORTING by MAGNETIC ROLLERS (R-RM)

INTRODUCTION

Both iron and non-iron metals make up one of the groups of materials to have a greater presence in waste reduction, since they involve a great worth. Iron metals are the highest percentage elements and are the most easily captured by magnetic fields. Aware of this serious environmental problem, **REGULATOR-CETRISA** has developed a complete line of sorting equipment: the **Permanent Magnetic Roller (R-RM)** and the **Electromagnetic Roller (R-RME)**, in order to be able to separate, recycle and recover iron metals.

PHYSICAL PRINCIPLE and CHARACTERISTICS

The **Permanent Magnetic Roller (R-RM)** has a cylindrical body containing powerful magnets, ferrit or rare hearth (Ne-Fe-B), making it a high intensity magnetic separator. There is no energetic cost.

Magnetic Roller (R-RM) are used installed instead of conveyor head Roller or after a vibrating feeder. It is able to carry the conveyor on. **REGULATOR – CETRISA** is able to manufacture any Roller in order to replace the existing Roller, so customer has no any dimensional change.

Sometimes, when a very high power or very big diameter is needed, **REGULATOR – CETRISA** is able to make and supply an **Electromagnetic Roller (R-RME)**. It needs an electrical power supply for generate the magnetic field.

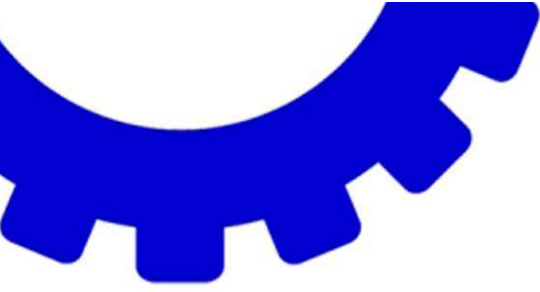
The magnetic separator operates with the material being fed onto a conveyor or directly through a vibrating feeder. Non-magnetic material is discharged forward of the Roller in the normal trajectory, but the magnetic elements are held to the belt and are discharged down the bottom side of the conveyor, outside of the magnetic Roller influence.

Basic dimensions	
Length	From 200 up to 2.000 mm
Diameter	From 200 up to 600 mm
Turn speed	Same than conveyor

Estándar dimensions.

Contact with **REGULATOR-CETRISA** to get more information.





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REGULATOR-CETRISA uses all of its experience to determine the ideal equipment for every application. Besides its own experience from innumerable applications, the technical department evaluates all the necessary parameters, such as: flow, density, humidity, aggregate grading, etc.

REGULATOR-CETRISA offers the possibility of testing materials in its own facilities, where the client can verify the effective separation of the metals. This way, we can ensure satisfactory results.

REGULATOR-CETRISA, thanks to its continued investment in R&D&I, offers the best technology for integrating equipment and systems into its processes and Complete Turnkey Installations.

For further information:

REGULACION DE MOTORES, S. A.
REGULATOR-CETRISA
Pol. Industrial "El Regas"
C/ Vapor, 8 – Sector Barnasud
08850 GAVA – ESPAÑA

TFN: +34 93 370 58 00
FAX: +34 93 370 12 00
<http://www.regulator-cetrisa.com>
e-mail: info@regulator-cetrisa.com

