

REMCO
ROCK ENGINEERED MACHINERY CO. INC.



VS / 4G
Vertical Shaft
Grinder

www.remcovsi.com

Only the Hardest Rocks are Good Enough

to use for Roofing Granules...



And only a **REMco VS/4G** is strong enough to crush it into the Grade #9 and Grade #11 granule specifications to make acceptable roofing granules while limiting the amount of waste micro-fines.

For almost 100 years, roofing granules have been manufactured and placed on asphalt shingles to protect houses and other buildings from years of weather, heat, rain, sun, snow and storm. That is why hard, sound stone must be used. The crushed granules must have good shape, be sound and durable as well as able to retain their coloring for many decades.

Crushing the hardest rock to produce granules, breaks conventional crushers. This raises crushing costs. The tradition of using rolls and cone crushers has been surpassed by the **REMco VS/4G**, which is now a superior, proven performer at granule production.

The **VS/4G** is the lowest cost crusher of any type for producing roofing granules. It is also the most productive crusher as it is able to produce more finished granules per unit of drive power. With low noise and dust emissions, smooth operation and ease of installation, a **REMco VS/4G** can be used to modernize a roofing granule plant and increase its production at a lower total cost than all other crushing machines. Don't believe it? Try us...!

| Tyler Mesh | % Retained Grade #9 Granules | % Retained Grade #11 Granules |
|------------|------------------------------|-------------------------------|
| 8 | 1 - 10 | |
| 10 | 30 - 50 | 0 - 3 |
| 14 | 25 - 45 | 25 - 40 |
| 20 | 10 - 20 | 30 - 45 |
| 28 | 0 - 5 | 10 - 30 |
| 35 | | 0 - 10 |
| 48 | | 0 - 2 |

Shown on Left: These are typical specifications for commercial roofing granules. Please note the heavy concentration of particles required over a limited number of sieve sizes. This makes crushing of specification roofing granules a tougher job than producing any type of manufactured sand.

REMco VS/4G



Pictured Above:

The **REMco VS/4G** compact design requires minimal clearances for installation and servicing. It can fit into the space envelope of many existing granule plant crushers.

STANDARD FEATURES

- * Hydraulically lifted hopper for top service
- * Wedge type chamber locking
- * All steel extra heavy duty fabrication
- * Vibration and temperature monitoring
- * Circulating oil lubrication
- * Easy balance, multi-port rotors
- * Material lined rotor & grinding chamber
- * Fine, medium or coarse chambers
- * Deep pocket design with protectors
- * Rubber vibration isolator mounts
- * Replaceable AR liners throughout
- * Screw tensioning of v-belt drive
- * Universal mounting base plate

OPTIONAL ACCESSORIES

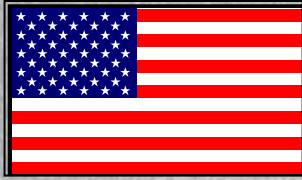
- * Service crane for maintenance
- * Electric hoist for ease of service
- * Skid mounting for easy relocation
- * Structural steel support legs
- * Safety service platform
- * **Smartbox**® remote monitoring
- * Soft Start or VFD drives available
- * Factory installed TEFC motors & drive
- * Custom discharge hoppers
- * Extended warranties
- * Performance guarantees
- * Dust collector system
- * Tungsten, long-life rotor wear parts

Pictured on Right:

Installation of two large **REMco** Model 500 **VS/4G** units operating in the western U.S.



MANUFACTURED IN:



REMco OFFERS SPECIAL CRUSHER DESIGNS FOR
MINING, CONSTRUCTION MATERIALS AND
THE INDUSTRIAL MINERALS INDUSTRIES.
CONTACT **REMco** FOR DETAILS.



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