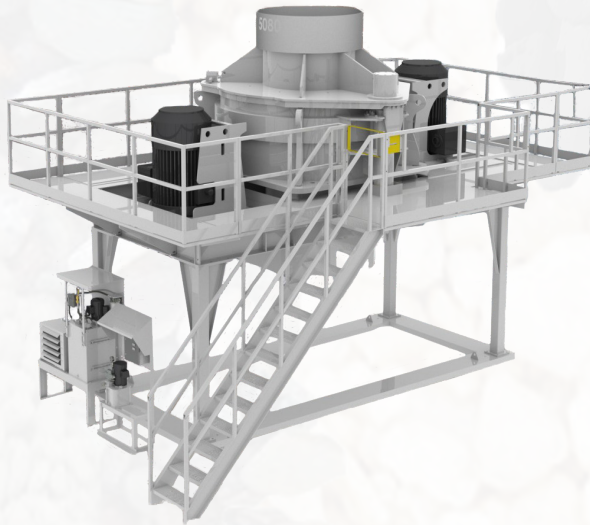


TIPS, TECHNIQUES, PRODUCTS AND INFORMATION TO HELP YOU
GET THE MOST FROM YOUR REMco CRUSHER

SEPTEMBER 2011 ISSUE

REMco VSI User Repeats a Good Decision

A LONG TIME **REMco** CUSTOMER, USER OF A **SandMax** IN THE CARIBBEAN,
HAS EXPERIENCED ENOUGH BUSINESS GROWTH IN RECENT YEARS THAT THEY NEEDED TO BUILD A NEW PLANT.



Back in 1997, this major producer purchased and installed a **REMco** model 9000 **SandMax** with twin drive of 250 HP motors. At that time, the **SandMax** was installed to produce concrete sand that could not be made in their two existing 48" cone crushers. When they added the 9000 **SandMax**, sand production doubled and this higher production, met their requirements for over a decade.

During that time, growth of the Caribbean market for sand and other good shape aggregates has more than doubled, putting a growing production demand on the original crushing plant. As the premier supplier of quality sand and aggregates on the island, the **REMco** user studied the problem with careful consideration for new environmental regulations, overall business logistics, and their future sand and aggregate needs.

This carefully studied decision led to the building of a new plant which would double the concrete sand production capacity of the original. But uniquely, to control cost, the new plant incorporated the existing equipment which is to be moved from the original plant to the new site that was chosen with great care for environmental impact on the surrounding area. The challenge was to maintain production while the engineering, fabrication and construction of the new plant took place. With a timetable of six months to complete the

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REMco VSI User

Repeats a Good Decision

Continued

move without interruption of production, careful planning was required as well as purchasing and installation of the new crushing and screening equipment. A key component was the need to use a proven performer to minimize the possibility of any startup delays or production losses in achieving the needed doubling of production of sand. A **REMco** 2011 model 5080 **SandMax**, again with twin 250 HP motors, was selected and has now been installed. This was done because the **REMco SandMax** was viewed as a reliable performer to produce quality sand, at the lowest crushing cost.



Figure 1: Original **REMco** model 9000 **SandMax** was installed in 1997, shown working alongside a 48" FC cone crusher to augment concrete sand production.

After the old 9000 **SandMax** was retrofitted in the field to the new model 5080 standards with the additional new 500 HP **REMco** 5080 **SandMax** unit, production rate will improve to over 300 tons per hour of high quality concrete sand. The new plant design incorporates only the new **REMco** and the refitted model 9000 in the sand production circuit, as the cone crushers from the old plant are not to be used in the new plant. This decision further improves the sand quality for grading and finishing characteristics as there will be no cone crusher product in the sand.

In years to come, the Caribbean demand for manufactured sand will continue to grow, and the **REMco SandMax** units from this installation as well as from several other **REMco SandMax** crushers on a number of the Caribbean islands will meet that demand.



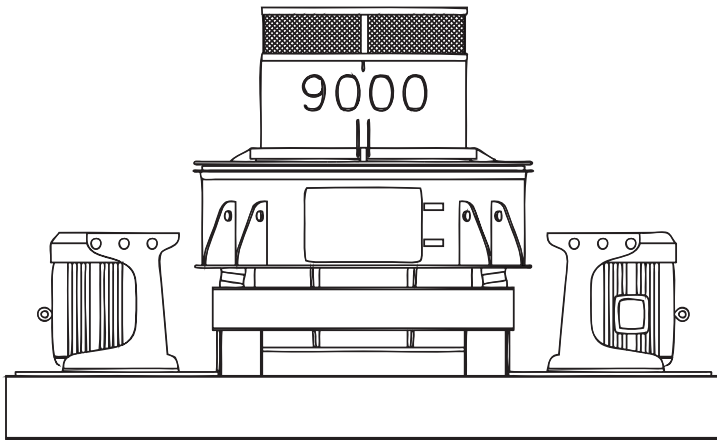
Figure 2: In June of 2011, the original 9000 **SandMax** after many years of service, was retrofitted and updated to continue the concrete sand production at the original plant. Later it will be moved to the new plant to work with the 2011 model 5080 **SandMax**.



Figure 3: This 2011 **REMco** model 5080 **SandMax** complete with **REMco** installation kit will soon be producing more high quality concrete sand in the sunny Caribbean.

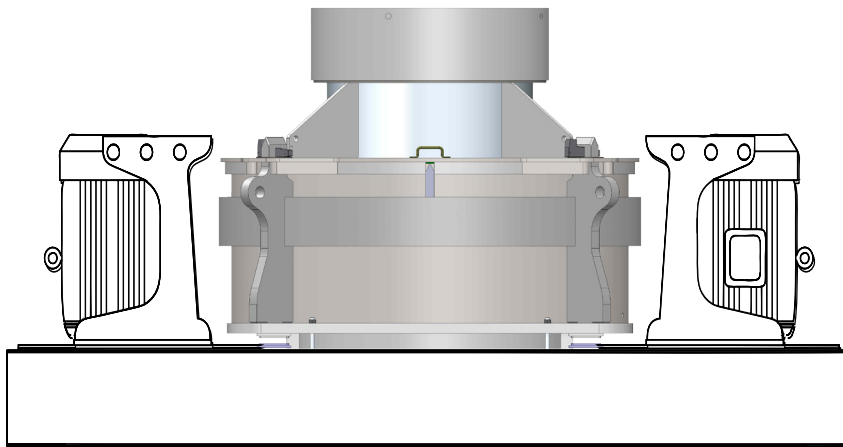
RESURRECT Your Old Crusher

Unfortunately, crushers do wear out. Typically, VSI crushers after 10, 15 or more years of service may require extensive repairs to make them serviceable. **REMco** repairs and rebuilds all brands of VSI crushers. However, with a **REMco** unit, because of its basic design, these repairs can be done such that an old crusher can have the features of a new crusher after repairs. For example, an older **REMco Model 9000** or **Super 100**, either single or dual drive machine, may now require extensive repairs. Typically, these repairs involve the feed areas, crushing chamber and discharge areas of the crusher. Usually the motor mounts, support frame, drive assembly with motors and other components may be completely serviceable and can be reused in their existing condition.



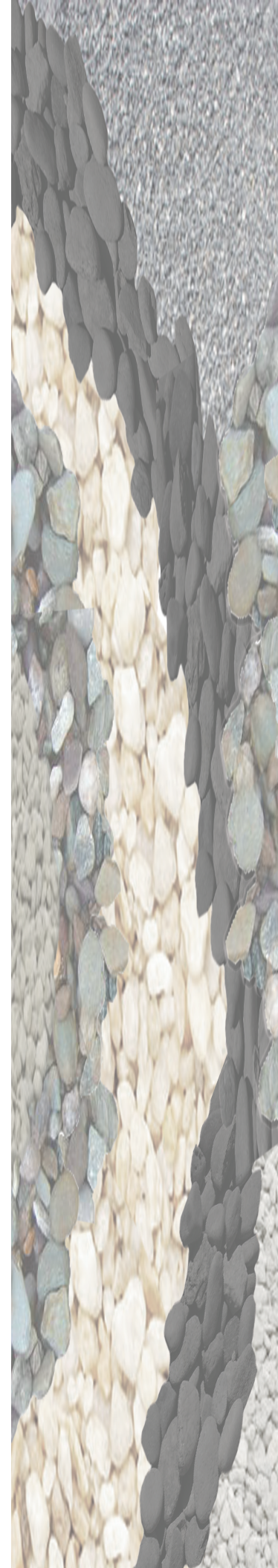
Typical profile of **Model 9000**.
Built from 1993 to 2001. Includes
Super 100 Models.

In many of these instances, depending on the degree of repairs required, the old crusher body can be discarded and replaced by a new **Model 4060** or **5080** crusher body. The end result is that the crusher owner receives a brand new machine instead of a repaired, old machine. This type of repair receives a new crusher warranty and costs the user less than shop repairs or approximately half of what a new crusher would cost. This work can be made in the field in 1 to 2 days versus waiting weeks for the old crusher to go to the repair shop and be returned.



Dual drive arrangement with new **Model 5080** crusher body, lower profile, heavier construction and superior performance for half the price of a new crusher.

By doing this, the final crusher can have a hydraulic hopper system, convert from grease lubrication to oil lubrication and incorporate the latest safety systems and other features of the 2011 / 2012 series of **REMco** crushers. If this type of repair is necessary in your existing **REMco** unit, contact your local representative or **REMco** direct.



November 23 - 27, 2011



Bangalore International Exhibition Centre
Bengaluru, India

**The 6th International Construction Equipment
and Construction Technology Trade Fair**



**December
6th & 7th
2011**

Back to School ... Service & Maintenance School

NOW BACK BY POPULAR DEMAND!!! A buzz has started up about **REMco's Service & Maintenance School**... So we're bringing it back for all those who were unable to attend last year.

This **Service & Maintenance School** is specifically designed for the folks that work on and with REMco VSI crushers. We will discuss in depth how the crusher works, how to make it perform at optimum levels, how to reduce maintenance time, reduce costs through proper parts selection and more. We'll get down into the nuts, bolts and oil of the machine, from the feed distributor in the hopper to the discharge hopper at the base, everything in between and much more.

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We Want to Hear from You!!!

TECHNICAL QUESTIONS, JOB STORIES or CRUSHER CHALLENGES!!!

This newsletter is produced for REMco users and its intent is to make your life easier! Our success depends on your success. We want to hear what's been happening with the REMco crusher in your plant. Send us your questions, comments and job stories to the email addresses below. If you don't use email, drop us a line by snail mail or give us a call. Who knows? Maybe you'll see your question or story in print...

PRINT vs. EMAIL – We Want to Know!!!

In today's fast paced world, it's difficult to balance tradition and technology. Traditionally, newsletters are done in print and mailed to the recipient. However, technology makes it possible for you to receive your newsletter electronically and skip the trip to the mail box. So the question is simple... **Print or Email? How would you like to receive your newsletter?** If you would like to receive your monthly newsletter in a format other than the way you are reading this information right now, or if you would like to NOT receive a newsletter at all, please contact:

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