



TAUM SAUK

UPPER RESERVOIR REBUILD PROJECT ANY MATERIAL, ANY TONNAGE, ANYWHERE...

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After 3.5 million cubic yards of RCC worries about aggregate shape are just a memory. "These Machines did an exceptional job with regards to F&E!"

- Mark D. of Ozark Constructors

Aggregate particle shape was a key component of the RCC at the Taum Sauk Project. The challenge for Ozark Constructors was how to get 3:1 F&E at less than 20%. Ozark turned to TPS to design the plant and TPS turned to REMco to solve the shape problem. The chart below shows the dramatic results Ozark was able to achieve with REMco RockMax VSI crushers.

	10/2/2007 9:30				10/2/2007 10:00			
	IN		OUT		IN		OUT	
Sieve Size	% passing	% F&E	% passing	% F&E	% passing	% F&E	% passing	% F&E
1"	100		100		100		100	
3/4"	92.7		98.9		94.1		96.8	
1/2"	70.5	38	88.9	9	72.2	35	86	13
3/8"	59.3	45	82.7	8	60	43	78.2	15
#4	38.1	35	64.3	6	39.6	49	60	10
#8	25.4		46.9		26.1		43.4	
#16	17.4		32.7		17.4		30.6	
#30	12.9		23.5		12.5		22.4	
#50	9.7		17.1		9.2		16.8	
#100	7.7		13.1		7.2		13.3	
#200	6.17		10.3		5.67		10.7	
PAN	0		0		0		0	

NEED SHAPE?

Get your Rocks in Shape!

Typical
Cone
Product



**REMco
RockMax**
Product

GET A REMco ROCKMAX

In Mexico, this producer needed quality shaped aggregate for a federal highway project.



Problem:

How to produce cubical asphalt rock to meet flat and elongated specifications, trials with a cone crusher failed to meet specs.

Application Details:

Rock Type: Granite
Feed Size: minus 3"
Product Size: minus 1/2" Shaped
Asphalt Material
Production Rate: 180 TPH

Crusher Details:

Model: RockMax 7500 ST
Connected HP: 300 HP
Rotor/ Impeller: 30" 4-Port
Chamber Type: Autogenous

Solution:

Purchase and install a RockMax to crush and shape the aggregate to meet 10% flat and elongated specifications.

NEED SAND?

Saleable, Profitable,
spec sand...

\$CHA-CHING\$ the sound of
Money in the bank baby...



GET A REMco SANDMAX

This Oregon producer needed more Concrete Sand to keep up with demand from their own concrete batch plant.



Problem:

How to produce enough Concrete sand to keep up with the demands of their own concrete batch plant. Also find a way to deal with the growing excess inventory or low value pea gravel.

Application Details:

Rock Type: Pea Gravel
Feed Size: 3/8 x #8
Product Size: - #8 Concrete Sand
Production Rate: 54TPH

Crusher Details:

Model: SandMax 200-ST
Connected HP: 200 HP
Rotor/ Impeller: 23" 4-Port
Chamber Type: Autogenous

Solution:

Purchase a REMco SandMax to crush excess pea gravel into spec concrete sand to keep up with the demand of the batch plant and balance plant production.