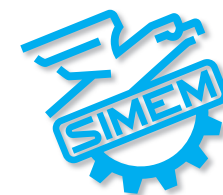




**VORTIMIX**  
COLLOIDAL MIXERS



# VORTIMIX IS SIMEM'S NEW LINE OF HIGH-SHEAR COLLOIDAL MIXERS.



VORTIMIX is offered in **a range of sizes** to meet any requirement. The high shearing action of the colloidal mill is recognized as **the most efficient method of mixing cement-based grouts and other materials**. Colloidal mixing results in very stable mixes which resist bleed and give maximum compressive strength.

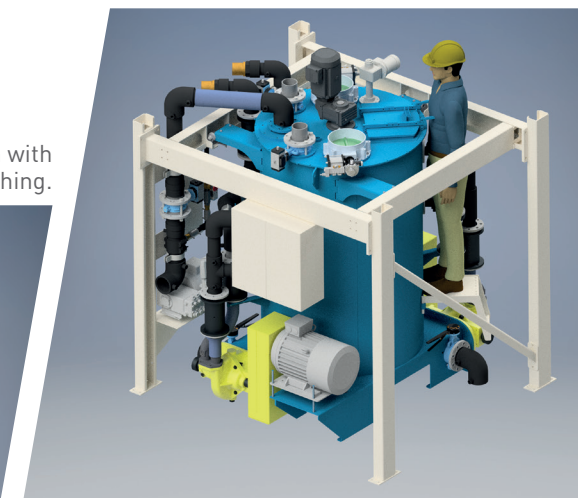
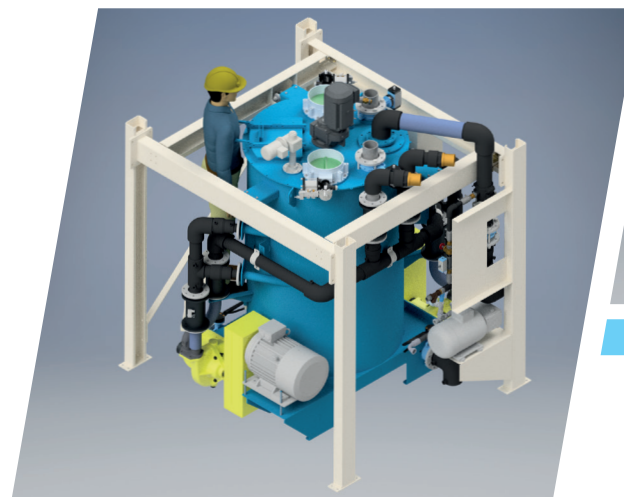
VORTIMIX can rapidly mix cementitious grouts as low as 0.6:1 water:cement ratio (by weight). Combined with the optional paddle mixer VORTIMIX can handle grouts as low as 0.45:1 w:c ratio. Ratios can even be lower with the addition of super-plasticizers.

## TECHNICAL SPECS

MODEL	BATCH SIZE	MAXIMUM CAPACITY	COLLOIDAL MILLS
VM500	500 liter	10 m <sup>3</sup> /hr	One x 22 kW
VM1000	1000 liter	20 m <sup>3</sup> /hr	One x 22 kW
VM1500	1500 liter	30 m <sup>3</sup> /hr	Two x 22 kW
VM2000	2000 liter	30 m <sup>3</sup> /hr	Two x 22 kW

Other sizes available by special order

VORTIMIX Model VM1500 shown with hanging load cell frame for weigh batching.



## SIMEM UNDERGROUND SOLUTIONS INC.

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