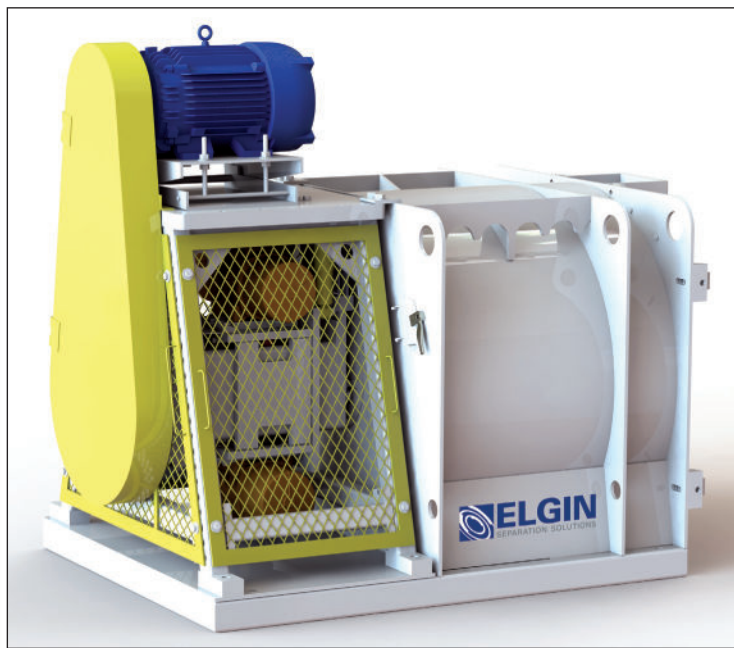


CMI HVC 1000-101

Horizontal Vibratory Centrifuge



Elgin's Horizontal Vibratory Centrifuge (HVC) builds on seventy years of dewatering experience and reliability. While terms like "workhorse" and "built like a tank" are used in describing past and present CMI centrifuges, the HVC continues this tradition of industry leading durability.

New for 2018, Elgin introduces the CMI HVC-1000 Horizontal Vibratory Centrifuge. Designed from the ground up for lighter feed rates, the CMI HVC-1000 features a compact size capable of processing coarse or fine particles at 80 to 100 tons per hour.

The CMI HVC-1000 can operate at speeds ranging from 300 to 1,000 rpm, allowing operators to easily make adjustments based on material flow for consistent G-force. In addition, the CMI HVC-1000 motors and/or vibrators can easily be converted to process coarse or fine materials in the field.

Utilizing a simple oil-bath drive unit, the CMI HVC-1000 requires very little maintenance with convenient oil sight glass and easily accessible fill/drain ports. To further ease

maintenance, the CMI HVC-1000 screen takes minutes to change with simple hand tools and an operator.

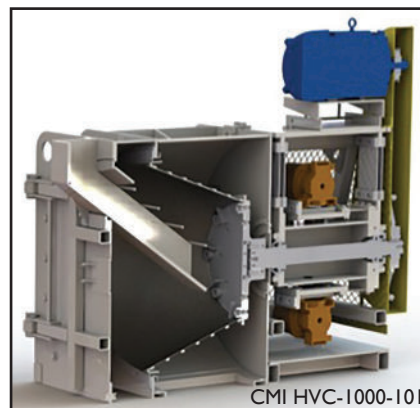
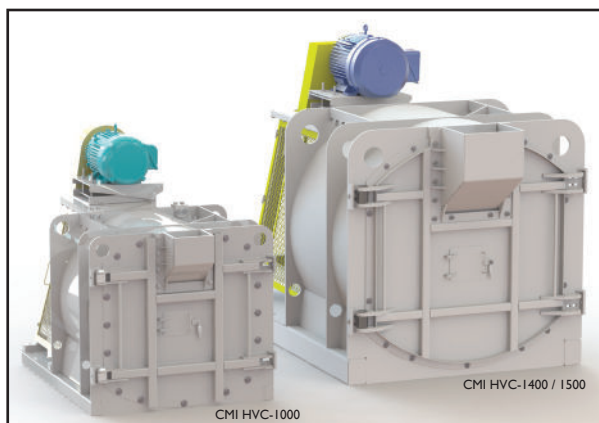
Toothed belt drive, for reduced belt burn off, insulated belt drive, for reduced noise, and lightweight design, makes the HVC-1000 the common sense solution to all your particle dewatering applications.




Available in either a 1000, 1400 or 1500 configuration, Elgin's Horizontal Vibratory Centrifuge is easily installed in nearly every coarse particle circuit.

Elgin Separation Solutions (formerly CMI) was established in 1938 on the principles of having a great product and even better service. Elgin's centrifuges and parts are proudly 100% Made in America.

Model	Rotation Speed	Capacity
CMI HVC-1000	300 to 1,000 RPM	130 to 250 stph*

Elgin Manufactures a complete Line of Horizontal Vibratory Centrifuges



HVC Models:	CMI HVC-1000	CMI HVC-1400	CMI HVC-1500
Equipment Image:			
Basket RPM:	300 to 1,000 RPM	300 RPM	270 RPM
Feed Capacity	130 to 250 stph*	185 to 350 stph*	200 to 375 stph*
G-Force Range:	50 to 550 G's	50 to 90 G's	50 to 90 G's
Drive Unit:	Belt Driven	Belt Driven	Belt Driven
Rotation Motor:	20hp / 35hp	50hp / 37kW	60hp / 45kW
Vibratory Motor:	(2) 1.5hp	(2) 3.2hp / 2.4kW	(2) 3.2hp / 2.4kW
Lubrication System:	Oil-Bath	Sump / Splash	Sump / Splash
Length:	86" (2,184 mm)	123" (3,125 mm)	123" (3,125 mm)
Width:	55" (1,397 mm)	88" (2,235 mm)	88" (2,235 mm)
Height:	72" (1,828 mm)	95" (2,415 mm)	95" (2,415 mm)
Weight:	5,500 lbs (2,495 kgs)	15,000 lbs (6,800 kgs)	15,500 lbs (7,030 kgs)



* Actual feed rate dependent on material type, size distribution, and particle density.