

EBR/EBW Vertical Screen-Scroll

The CMI Model EBR/EBW Vertical Screen-Scroll Centrifuges are designed for small particles and will provide efficient and consistent moisture reduction even with fluctuating feed rates.



Available in 36", 40", 40"HTS, 42" & 48"

HVC Vibratory Centrifuge

Available in either a 1000, 1400 or 1500 configuration, the CMI Model HVC Horizontal Vibratory Centrifuge is easily installed in nearly every coarse particle circuit. With its cartridge style drive assembly allowing for quick field replacement and its economical low G operation, the HVC is designed with ease of operation in mind. Available with a two-piece screen configuration for replacement cost savings.



HSC Horizontal Scroll

The HSC is designed to be user-friendly while lowering the cost of installation, operation, maintenance and repair. With its sealed, nearly maintenance-free drive unit, simplified lubricating system, sealed oil-filled planetary gearbox and self-contained construction, the HSC is rugged and reliable yet cost-effective. The HSC Horizontal Scroll comes with a unique I-Beam and Chain Hoist system, which allows maintenance without need of an overhead crane.



VC Vertical Vibratory

The VC Centrifuge uses vibratory dewatering technology and centrifugal force to provide reliable dewatering of coarse particle applications. A large feed hopper eliminates the need for a feed chute, and a catch in the center increases part life. The VC features an accelerating wear plate which allows for even screen wear. The drive assembly consists of the main working parts enclosed in a steel cast housing which can then be removed as a single unit for easy replacement or repair.



Rotary Breaker

Featuring dual or single end drives, Elgin's Rotary Breakers lift and drop feed material several times as it traverses through the drum, to size the material and scalp undesirable material. Desirable sized material passes through screen perforations and into a product hopper. Undesirable material traverses through the breaker and out the discharge end for disposal. The simple design of a rotary breaker requires little maintenance, making it economical & easy to operate.



Sizes Available:

12' Diameter x 16', 20', 24' and 27' Length
 10' Diameter x 16', 20' and 24' Length
 9' Diameter x 16', 18', 20' and 24' Length

Teeter Bed Separator

Elgin's Teeter Bed Separator (TBS), also known as a hindered settling classifier, uses a continuous upward current of water to provide separation by specific gravity. The computerized electronic control system automatically monitors the TBS operating conditions and makes necessary adjustments to maintain efficiency in separation.



The TBS is available in sizes ranging from 2 ft. in diameter (TBS 600) to 13ft. in diameter (TBS 4000). Regardless of the application or the tonnage requirements, Elgin can offer a TBS Model to accommodate your needs.