

VERTICAL CUTTINGS DRYER.

SPECIFICATION.

FEED CAPACITY

25-80 ton/hr

MAX G FORCE

10.5 G's

SCREEN OPENING

0.008" (0.2mm) - 1.14" (1mm)

WEIGHT

4,400lbs (1,995kg) - 7,700lbs (3,492kg)

SCREEN SURFACE AREA

Up to 13.3ft² (1.25m²)

DIMENSIONS (LxWxH)

8'1" (2.5m) x 7'3" (1.8m) x 5' (1.5m)

PRODUCT DESCRIPTION.

TWMA supply the industry's most recognized and reputable Vertical Cuttings Dryer (VCD) available on the market. Designed to reduce oil on cuttings by up to 85%, our dryers are the perfect solution for processing 25 to 80 tons per hour.

The VCD is fed via screw conveyor, vacuum system, or positive displacement solids pump from the flow-line shaker discharge. Drill cuttings are fed into the hopper, and distributed along the inner wall of the screen with the aid of the flites. The liquid phase, or 'filtrate', passes through the screen openings while the vertical flites, with hardened faces, scrape the accumulating cake solids towards the bottom of the VCD for disposal. The centrate gravity flows into a containment tank and pumped to a high speed decanter centrifuge for low gravity solids removal.

Upon discharge, the dried cuttings are either safely discharged to the environment, collected for further treatment, or staged off-site disposal. VCD's significantly improves liquid phase recovery, thereby paying for itself.

FEATURES & BENEFITS.

- High capacity
- Engineered strength - with various blade materials and coatings available, Elgin has developed the industry's most durable and precise flites in the market
- Screen design - by using a fully chromed screen, Elgin customers can experience screen life as long as a year
- High performance - by tapering the launder section, collected fluids flow more efficiently