


Elgin's CSI-D4™ VCD is the world's first, and patented, dual-drive dryer. This novel technology allows operators the ability to adjust the performance of the dryer based on the nature of the solids that are being fed to it. Using a combination of proprietary gear boxes, operators can adjust both the applied G-force and the dwell time between the scraper flites and the screen. This technology allows the CSI-D4™ to be used in both oil-based and water-based drilling fluid environments.



Model Number:	CSI-D4
Equipment Image:	
Feed Capacity:	40 to 80TPH (11.11 to 22.2 kg/s)
Maximum G-Force:	460V / 60Hz - 300 to 550 G's (VFD) 360V / 50Hz - 300 to 450 G's (VFD)
Screen Opening Sizes:	0.008" (0.2mm) to 0.04" (1.0mm) [0.02" (0.5mm) Standard]
Gear Box Ratio:	VFD Variable
Lubrication System	Oil Sealed
Rotor Differential Speed:	6 to 20 RPM
Weight (Without Stand):	7,300 lbs (3,357 kgs)
Screen Surface Area:	13.3 sq. ft. (1.25 sq. m.)
Motor Horsepower:	(1) 60 hp (44.74) & (1) 15 hp (11.19 kw)
Voltage:	460v / 60Hz or 380V / 50Hz 3-Phase (Dual rated Inverter-Duty Motors)
Dimensions (without stand):	8.10' (2.5 m)L x 7.3' (2.2 m)W x 5.9' (1.8 m)H

The Industry's Most Sophisticated Waste Solids Vertical Cuttings Dryer Available in the Market

- Designed to reduce drill cuttings moisture on waste solids by 90%.
- Recover thousands of gallons of drilling fluid and water that would normally have been disposed of with the waste drill cuttings.
- Dewatered waste solids dramatically reduce waste disposal trucking fees.
- Dual-drive technology for either water-based or oil-based applications.
- No other dryer in the market provides independent control of the flites and the screen.

