



# Cat<sup>®</sup>

## VFD-A800/W800

## VFD-A1200/W1200

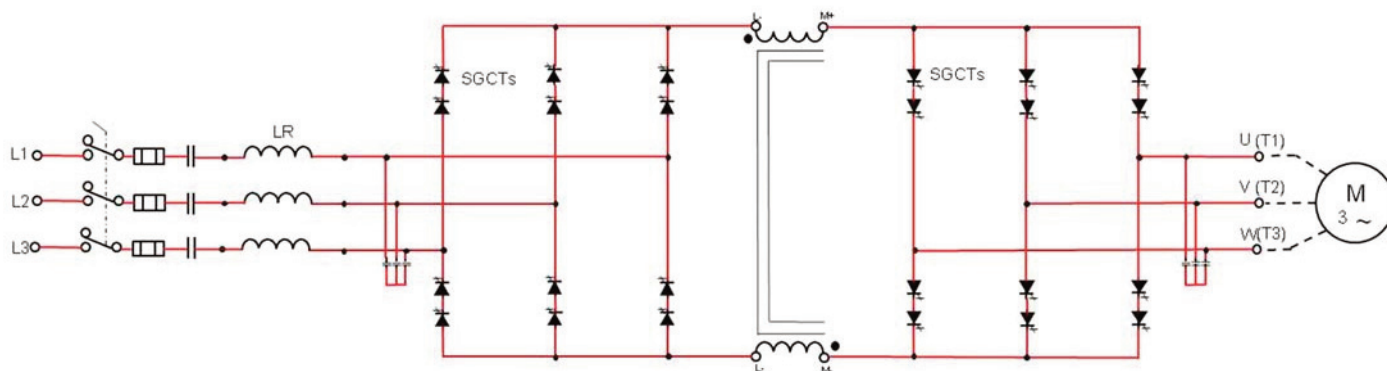
VARIABLE FREQUENCY DRIVE  
FOR FACE CONVEYOR SYSTEMS

### Specifications

#### Technical Data

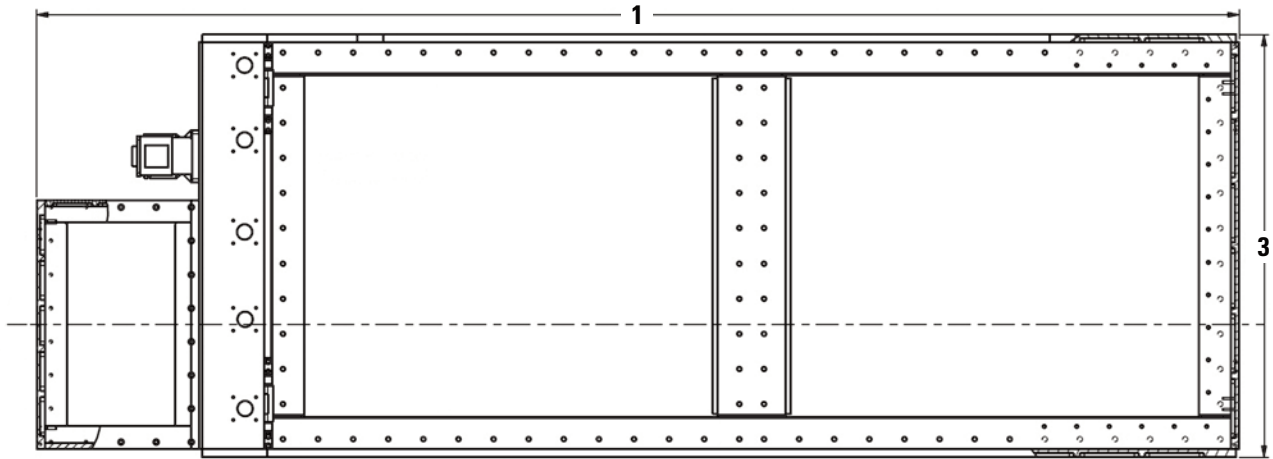
Rated Power	800 kW 1200 kW	1,072 hp 1,609 hp	Slew Rate	20%–80% < 20 m/sec
Input Voltage	3300V ± 10%		Maximum Operational Torque	210%
Output Voltage	0-3300V		Operation	4Q
Input Frequency	50/60 Hz ± 5%		Converter	Current Source Inverter (CSI)
Output Frequency	0-60 Hz		Motor Type	AC motor
Power Factor (cos phi)	> 97.5% (PWM)		Setup	VFD separate from motor (cable distance up to 4 km/2.5 miles)

#### Current Source Converter

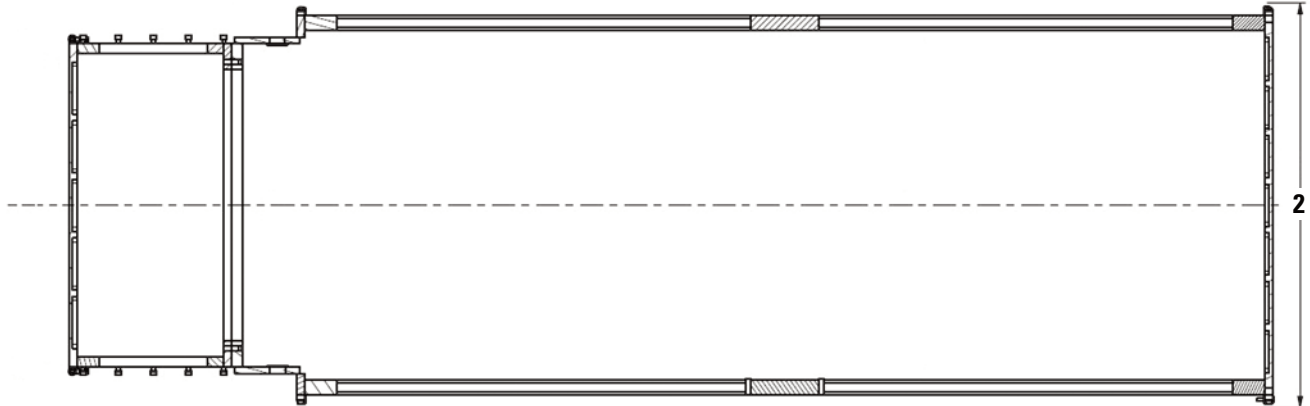


# VFD-A800/W800

## VFD-A1200/W1200 Variable Frequency Drive for Face Conveyor Systems



Side View



Top View

### Dimensions (All dimensions and weights are approximate.)

1 Length	3700 mm	146 in
2 Width	1245 mm	49 in
3 Height	1300 mm	51 in
Weight – VFD-A800 (air cooled)	6700 kg	14,771 lb
Weight – VFD-W800 (water cooled)	7800 kg	17,196 lb

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