



Cat[®]

VFD-A800/W800

VFD-A1200/W1200

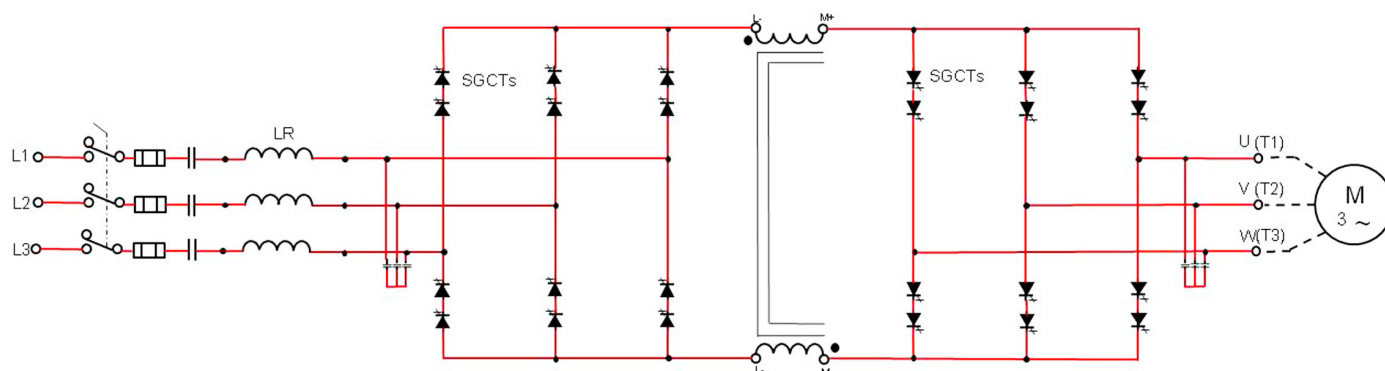
VARIABLE FREQUENCY DRIVE
FOR FACE CONVEYOR SYSTEMS

Specifications

Technical Data

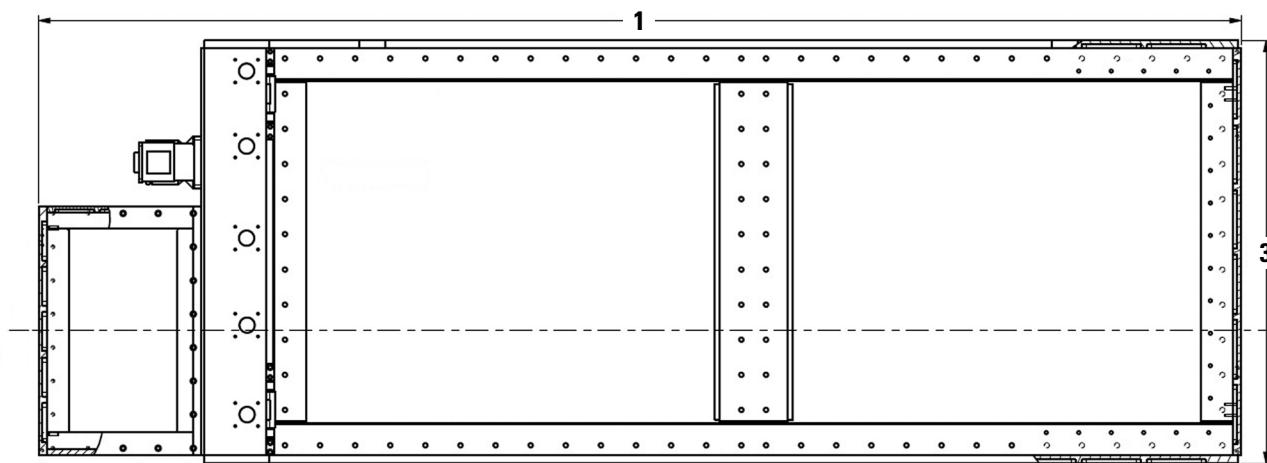
Rated Power	800 kW 1200 kW	1,072 hp 1,609 hp	Slew Rate	20%–80% < 20 m/sec
Input Voltage	3300V $\pm$ 10%		Maximum Operational Torque	210%
Output Voltage	0-3300V		Operation	4Q
Input Frequency	50/60 Hz $\pm$ 5%		Converter	Current Source Inverter (CSI)
Output Frequency	0-60 Hz		Motor Type	AC motor
Power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

Current Source Converter

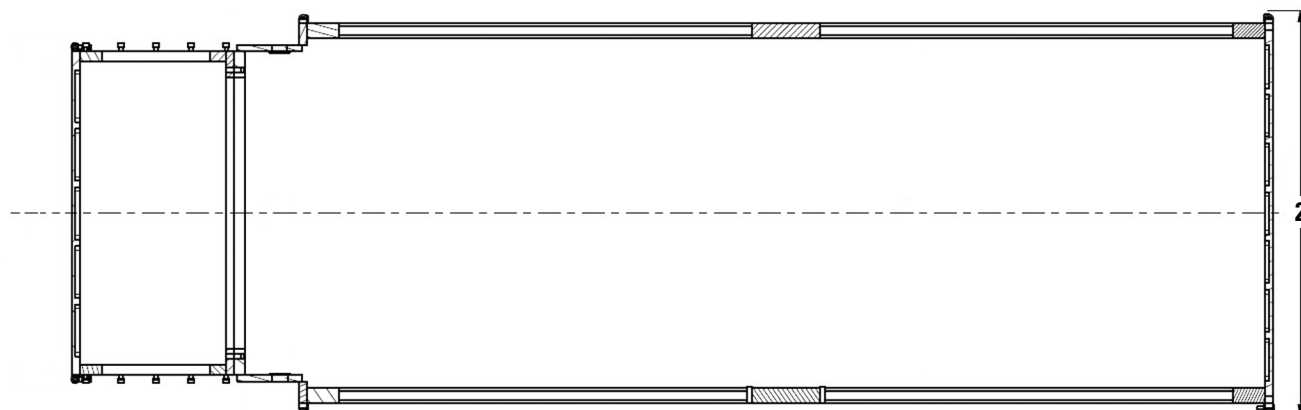


VFD-A800/W800

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

For more complete information on Cat® products, dealer services, and industry solutions, visit us on the web at www.cat.com

AEHQ7166 (10-13)

© 2013 Caterpillar Inc.
All Rights Reserved
Printed in U.S.A.

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

CAT, CATERPILLAR, SAFETY.CAT.COM, their respective logos, “Caterpillar Yellow” and the “Power Edge” trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

