

QUESTIONNAIRE

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Please fill out the following questionnaire in order to determine which conductor bar system is right for your application. Save as PDF or print this page and send it to your VAHLE experts. For curved tracks, Power rail with isolating sections etc., we require sketches to enable us to prepare a quotation.

Contact Information

Company Name		Contact Person
Address		Email Address
State	ZIP	Phone Number

System Information

New Application

Replacement

Add on existing system

Application Type (i.e. cranes) details are helpful: i.e. load 20 tons			Desired Hanger Spacing	m	ft
Total System Length	m	ft			
Total Number of Conductors			System Layout (Straight / Curved / Loop / Other)		
Will one be a ground conductor?	Yes	No	please provide sketches or drawings when applicable		

Power Requirements

Operating voltage	Volt	Hz	AC/DC		
Total system amperage (example 150A at 40% duty cycle)			Max. voltage drop allowed (typically 3% - 5%)	%	
Power Feed(s) Location (end feed, center feed, several feeds)			Duty Cycle % (DC, ED)	%	
No. of Cranes /Consumers in the system			Power consumption of each crane	hp, A, kW	
Max. Travel Speed	m/min	ft/min	Type of motors (usually frequency controlled)		

Environment

Install Location
indoor / outdoor / booth

Ambient Temperature min. max. °C °F

Interested in VAHLE certified installation? Yes No

Additional Comments: dirt, dust, salty air, corrosive, or locations such as water treatment plant, paper mill, etc.

If detailed motor information is available, please specify below
For the calculation, it is important to consider engines that can operate simultaneously. This helps to calculate and quote the optimal system.

Crane type 1. Information about motors kW, Amperes **or** hp.

Motor name Motor power hp, Amp, kW Type of Motors

- 1
- 2
- 3

example: Motor 1 main load, motor 2 main travel, motor 3 cross travel

Crane type 2. Information about motors kW, Amperes **or** hp.

Motor name Motor power hp, Amp, kW Type of Motors

- 1
- 2
- 3