

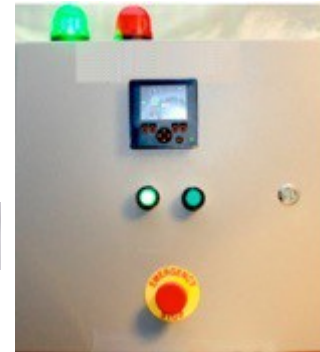
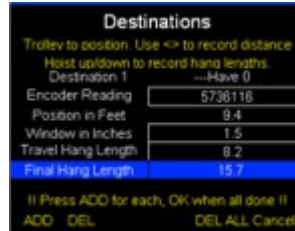


Mobile and Overhead Crane Anti-Sway System

Netarus' Anti-Sway product is designed for all types of cranes from mobile to overhead cranes and can even work with smaller cranes with no PLC or controller. Upgrade any crane with controls to a safe, efficient and easy-to-use hardware and software. Contact Netarus today to learn more about the anti-sway system.

Inputs / Outputs / Features

Nr	Product	Capabilities
SC-00	Configuration 1	Control sway following operator speed. Includes graphic display for commissioning and operational display. Supports operator-assist antisway in two dimensions (trolley and crane). Includes one mobile controller (ifm CR2530) and hardware listed below.
SC-00	Configuration 2	Control sway following operator speed. Includes graphic display for commissioning and operational display. Supports operator-assist plus move to destination antisway in one dimension (trolley or crane). Supports automatic hoist or hoist guidance according to user profile. Includes one mobile controller (if CR2530) and hardware listed below.
SC-00 Included	Antisway-Complete Hardware	Connector; Terminal Block, CUBE RELAY 5A DPDT 24VDC, RELAY SOCKET FOR QM2 SERIES, Cable Glands 4-10mm, End Brackets, 5-wire Patch Cord, 5m, 10-bridge, 2-Bridge, Smart Controller, 161 160 2xCAN, 32bit, Basic display, Absolute encoder, 36.5mm housing, 10mm shaft, 55 pin Amp connector with 1.2m cables,
		OPTIONS:
SC-00 Options	(a)	SubPanel and Labor for Factory Wiring
SC-00 Options	(b)	Steel Cabinet Plus Mounting Labor
SC-00 Options	(c)	Magnetic Slow Zone Sensors and Cabling for One Horizontal Dimension
SC-00 Options	(d)	Stainless Steel Cabinet Plus Mounting Labor
SC-00 Options	(e)	Red Beacon Alerts Indicator
SC-00 Options	(f)	Green Beacon Operation Ready Indicator
SC-00 Options	(f)	Extra Patch Cords for Sensors, 5m length, EACH
SC-00 Options	(g)	Emergency Stop Button and Label
SC-00 Options	(h)	Lighted Buttons for Destination Selection or Speed Level, EACH
SC-00 Options	(i)	Cube Relay and base for brake activation for trolley or hoist motion, EACH



Ordering Guide

Feature	Option	Configuration 1	Configuration 2	Comment
Commissioning display with dashboard		1	1	
Dimensions of antisway assist for operator speed demands		2	1	
Encoders supplied		1	2	
Horizontal motion relays supplied		4	2	
Brake control relays supplied (optional)	√	2	1	
ANTISWAY/SUSPEND input	√	1	1	
EMERGENCY STOP input	√	1	1	(1)
Speed inputs, with companion REVERSE signal		4	4	(2)
Number of separate speed inputs, FORWARD or REVERSE, without companion REVERSE signal		3	3	(2)
Automatic motion to saved destinations			1	
Maximum number of saved destinations			25	
Maximum number of user-entered destinations			5	
Automatic move destination inputs			5	(3)
Automatic move destination cycle input (NEXT)	√		1	(3)
Automatic or operator hoist control with destination	√		1	(4)
Remote crane control using display	√	1	1	
Automatic move START input	√		1	(5)
Automatic move DEADMAN input	√		1	(5)
Antisway active output (Green beacon optional)	√	1	1	
Warning output (Red beacon optional)	√	1	1	
Trolley FWD/REV outputs		2	2	
Trolley speed reference 0-10VDC		1	1	
Trolley brake OPEN output	√	1	1	
Gantry/Crane FWD/REV outputs		2		
Gantry/Crane speed reference 0-10VDC		1		
Gantry/Crane brake OPEN output	√	1		
Hoist UP/DOWN outputs			2	
Hoist STOP output	√		1	
Hoist speed reference 0-10VDC	√		1	(6)

