

# Crane control system

# acsCrane



acsCrane is crane control system, which is easy to use, easy to install and easy to tune. All adjustments are easy to make via colour display and it gives a user information about systems's status. acsCrane has all features that a successfull contractor needs.

System can be purchased as plug in--package or just the parts that are needed. acsCrane can control all valves with current controlled coils and also voltage-controlled Danfoss PVG-valves..

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## Features

Operating voltage	9...32 V
Operating temperature	-20...60 °C
Reference voltage	5 V for joysticks and potentiometer
Display	3,2" TFT colour - brightness adjustment and selection day/night and display on/off - info - clock - user selection
Joystick-adjustments	- minimum voltage - maximum voltage - middle point voltage - "dead zone"
Crane adjustments	There are three sets of adjustments for crane functions. Adjustments for functions, direction-wise: - minimum current - maximum current - on-ramp - off-ramp - progression - effect of the speed potentiometer 0...100 %
Control signals	Each function can be assigned primary and secondary control signal. Both signals have following options: - use in drive-mode - use in boom-mode - automatic signal inversion using seat direction switch - inversion - signal maximum value limitation, useful when both joystick- and on/off-signals are used to control proportional functions
Other features	System locking delay, support leg warning, pressure sensor type selection and tuning, language selection, error indication, hours counters, parameter set copying, programming of optional function, factory settings, manual control.

Please, don't hesitate to ask further information.

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