

Features

- 2 proportional PWM spreader outputs (spinner, conveyor +reverse)
- 8 proportional PWM joystick outputs (plow raise, hoist lower ect.)
- Full transient suppression on all outputs
- Parameter based programming
- Programming key to protect calibration values
- 9 spinner and 9 conveyor settings
- Conveyor reverse function
- Material calibration for open and closed loop operation
- Pause and blast integrated into the selector dials
- Pause and blast indicators
- Remote pause and blast actuation
- 4 axis joystick capability (Hoist and Plow control)
- Full transient suppression on all outputs
- User defined status indicators with backlit legends
- Remotely located valve driver and microcontroller for a compact installation

Advanced Functions

- Large backlit LCD display
- On-screen descriptions of parameters
- Parameter adjustment through tactile buttons
- Adjustable blast setting
- On screen vehicle speed calibration
- 5 operator modes
- Auto-nulling in closed loop operation
- Audible error indication with text explanation
- Current compensated and protected outputs
- Solenoid and cable failure detection
- Backlit LCD display
- Hall effect joystick with deadman interlock
- On-screen joystick nulling
- Available firmware upgrades via PC link

Rexroth CS 425 Integrated Spreader and Joystick Console

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Two function, programmable controller for granular application with four function joystick

Microcontroller (RC-6/9) Electrical and Environmental Specifications

Spurious Interference	(Motor vehicle directive 95/54/EG)	100 v/m
Load Dump		max. 70 v
Temperature Housing	Operating	-40...80 °C
	Storage	-40...105 °C
Vibration Resistance	Sinusoidal (IEC 60086-2-6)	10 g / 57...2000 Hz
	Random (IEC 60086-2-36)	0.05 g ² / Hz; 30 min per axis
Shock Resistance	Transport (IEC 60068-2-27)	15g / 11ms; 3 x in each direction/axis (pos./neg.)
	Continuous (IEC 60068-2-29)	25 g / 6 ms; 1000 x in each direction/axis (pos./neg.)
Resistance	To moisture	95 % (+25 to +55 °C)
	To salt spray (IEC 60068-2-11)	72 h, 35 °C, 5 % NaCl
Type of Protection	(DIN / EN 60529) fitted with mating connector	IP 65

The CS 425 has all the features of the CS 420 controller with the addition of a proportional joystick and 2 auxiliary switch functions. The CS 425 is ideally suited for compact vehicle interiors and applications where a joystick and spreader controller is required.

The proportional joystick has a 4 axis capability, and the console has 2 status indicators for modes. A deadman switch on the joystick handle prevents accidental activation of a function.

The spreader section controls the spinner and conveyor based on vehicle speed and conveyor feedback. Or the unit can be operated as a manual or open loop controller.

Joystick nulling and spreader calibration are performed on screen making setup quick and easy.