

Reciprocator Controller Specification		
Operating Modes	RC60	Standard mode
	RC61	RC60 mode Plus gun triggers
	RC62	RC61 mode Plus ghost detection
Height	any height, software calibratable	
Vertical sensor	Potentiometer or Encoder	
Potentiometer	10 turn 2K to 10K	
Encoder	Incremental 100 PPR	
Horizontal	Upto 4 positions pneumatically controlled	
Speed	maximum 60mtr/s	
Voltage	220 single phase	
Power	Motor dependant	
Display System (optional)	Quad Core 64bit SoC running Linux at 1.5Ghz, WiFi, 4xUSB and Gigabit Ethernet	
Screen	7" colour, 800 x 480 px, Capacitive touch	
Viewing angle	> 70°	
Inputs	1	Run command
	2	Component Sensor
	3	Track Sensor
	4	Track reverse
	5	Position 3 sensor
	6	Position 2 sensor
	7	Extract OK
	8	Thermister OK
	9	Horizontal position select 0
	10	Horizontal position select 1
	11	Program select 0
	12	Program select 1
	13	Program select 2
	14	Program select 4
	15	Uncommitted
	16	Uncommitted
	17	Home position switch
Outputs	1	Invertor Power
	2	Parked
	3	Invertor Direction forward
	4	Invertor Direction reverse
	5	Invertor Run
	6	paint Pump
	7	Fault
	8	Power to card
	9	Gun Trigger 1
	10	Gun Trigger 2
	11	HT 1
	12	HT 2
	13	Uncommitted
	14	Uncommitted
	15	Horizontal back Valve
	16	Horizontal Forward Valve
Analogue Inputs	1	Vertical position potentiometer
	2	Uncommitted
	3	Uncommitted
	4	Uncommitted
Analogue outputs	1	Reciprocator speed control
	2	Paint pump speed
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