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Technical Specification Sheet

RHINO ST SERIES C12/C20/C26

COLD STATIC



Motor	<p><u>STACOL12MODNP or STACOL12MODP Model:</u> WEG Electric motor 2.2kW (240V) foot mounted with C face, totally enclosed and fan cooled, to IP rating 54 Efficiency Rating 2</p> <p><u>STACOL20MODNP or STACOL20MODP Model:</u> WEG Electric Motor 4Kw (415V) foot mounted with C face, totally enclosed and fan cooled, to IP rating 54 Efficiency Rating 2</p> <p><u>STACOL12MODNP or STACOL12MODP Model:</u> WEG Electric Motor 5.5Kw (415V) foot mounted with C face, totally enclosed and fan cooled, to IP rating 54 Efficiency Rating 2</p>
Pump	SPECK Triplex plunger pump with oil bath crankcase and 3 ceramic plungers for smooth pulsation free running and longer life.
Pump/Motor Coupling	A 3 part flexi drive enclosed in a bell housing between the Pump and Motor ensures accurate alignment of Pump and Motor drive shafts.
Unloader Valve	Regulates pressure and by-passes water at substantially zero pressure when the gun is closed. No pressure locked in outlet line (gun hose) when gun is closed.
Start up Prevention	Prevents automatic re-start after any power failure.
Detergent Tank	25 litres / 5.5 gallons.
Water Tank	A 4 gallon capacity tank with ball valve (to BS1212 Part 2) to water board specification. This tank is supplied with type AB air gap to comply with Water Regulations.
Detergent System	Low-pressure post pump injection via secure adjustable metering valve for control of correct dilution rate.
Gun Hose	Wire braided high pressure available in various lengths to suit application. 10 metre (30ft) supplied as standard. Working pressure 400 bar (5800 psi) Bursting pressure 1000 bar (14500 psi)
Cleaning Lance	Twin lance 800mm long used with low pressure detergent system with on/off detergent injection control incorporated.



Control Panel	Housed in weatherproof enclosure to IP55. User controls are 110V CTE to BS EN 60204-1	
Pressure Switch	Electro-mechanical device which activates a timer when the lance is closed.	
Run-on Timer	Switches the machine off after 1 ½ minutes if left unattended by the operator. The timer which is activated by a pressure switch is preset but can be adjusted to your requirements.	
Lance Holder	Attached to side of cabinet	
Mains Cable	Oil resistant and wire braided	
Pressure Gauge	Graduated in psi and bar and glycerine damped.	
Chassis	A steel cabinet with lockable door for access into cabinet with Pump Module, all powder coated to RAL3001.	
Automatic Frost Protection:	A heater is incorporated within the cabinet and is controlled by a frost-stat. When the temperature drops to 2 ^o C the heater is automatically switched on to protect internal equipment.	
Jets	15 ^o fan jet supplied as standard.	
Dimensions	583mmL x 762mmD x 1252mmH	
Weight	STACOL12MODNP Model 156.4kg STACOL20MODNP Model 153.4kg STACOL26MODNP Model 160.4kg	STACOL12MODP Model 157.4kg STACOL20MODP Model 154.7kg STACOL26MODP Model 161.4kg
Flow and Pressure	STACOL12MODNP or STACOL12MODP Model: 13 lpm @ 83 bar (2.8 gpm @ 1200 psi) STACOL20MODNP or STACOL20MODP Model: 15 lpm @ 138 bar (3.3 gpm @ 2000 psi) STACOL26MODNP or STACOL26MODP Model: 15 lpm @ 180 bar (3.3 gpm @ 2600 psi)	
Hand & Arm Vibration	STACOL12MODNP or STACOL12MODP Model Vibration Magnitude = 0.43m/s ² STACOL20MODNP or STACOL20MODP Model Vibration Magnitude = 0.45m/s ² STACOL26MODNP or STACOL26MODP Model Vibration Magnitude = 0.29m/s ² With reference to HSE published exposure levels of vibration, the vibration levels produced by this equipment is well below the published EAV of 2.5m/s ² (8) and can be used continuously	

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