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Technical Specification Sheet

RHINO ST SERIES CU12/CU20/CU26

COLD UPGRADEABLE (TO HOT)

Motor	<p><u>STACOL12MODUP 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>STACOL20MODUP 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>STACOL26MODUP 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 coupling 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 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. Tank supplied with type AB air gap to comply with Water Regulations.
Detergent System	Low-pressure post pump injection via 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.
Run-on Timer	Switches the machine off after 1 ½ minutes if left unused by the operator. The timer which is activated by a pressure switch is preset but can adjusted to your requirements.
Safety Valve	Located at outlet of heating coil to relieve excess pressure to atmosphere.
Flow Switch/ Pressure Switch	Electro-mechanical devices fitted for operation and safety control of burner.
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°C the heater is automatically switched on to protect internal equipment.
Jets	15° fan jet supplied as standard.
Dimensions	857mmW x 756mmB x 1252mmH
Weight:	STACOL12MODUP Model: 233.6kg STACOL20MODUP Model: 230.6kg STACOL26MODUP Model: 236.5kg
Flow and Pressure	STACOL12MODUP Model: 13 lpm @ 83 bar (2.8 gpm @ 1200 psi) STACOL20MODUP Model: 15 lpm @ 138 bar (3.3 gpm @ 2000 psi) STACOL26MODUP Model: 15 lpm @ 180 bar (3.3 gpm @ 2600 psi)
Hand & Arm: Vibration	STACOL12MODUP Model Vibration Magnitude = 0.43m/s ² STACOL20MODUP Model Vibration Magnitude = 0.45m/s ² STACOL26MODUP 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.

Note: This Cold machine can be upgraded to a Hot machine by fitting a Burner Module.

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