

SMART RS RETRACTABLE SOOTBLOWER

Technical Specification

PERFORMANCE	
Travel	up to 35 Feet
Blowing medium	steam or air
Blowing pressure	up to 400 psig
Cleaning radius	varies with deposit type
Cycle rotation	variable
Travel speed	variable (up to 107 in/min)
Rotating speed	variable (up to 23 RPM)
Helix	variable
Helix pattern	infinite

INSTALLATION	
Height	22 ¹¹ / ₁₆ "
Length	varies with travel
Width	26 ¹¹ / ₁₆ " (with junction box) 21" (w/o junction box)
Weight	varies with travel
Sleeve diameter	5" -sch.40 (for 3 1/2" lance) 6" -sch.40 (for 4" lance)
Sleeve length	may vary (typically 13")
Ambient temperature	-20° to 170° (standard)

UTILITIES	
Scavenging air	minimum 5 SCFM @ 12" AFP
Seal air	minimum 50 SCFM @ 2" AFP

COMPONENTS	
Traversing motor	2 hp, NEMA, TEFC, class F insulation
Rotating motor	1 hp, NEMA, TEFC, class F insulation
Nozzle	(2) 1" CFVIII nozzles (standard) other sizes optional
Limit switch	NEMA 4, mechanical lever, travelling
Prox switch	NEMA 4, magnetic
Poppet valve	3" ANSI 600#, WC6 material (standard) 3" ANSI 900#, WC6 material (optional)
Feed tube	2 ³ / ₄ " OD 301SS or 304SS armorglide hardfacing (optional)
Lance tube	3 ¹ / ₂ " or 4" OD
Lance material	A519 gr. 4130 (standard) A519 gr. 6330 (optional)
Packing	graphite (standard) teflon (optional)

ELECTRICAL	
Junction box rating	NEMA 4X, SS
Components	terminal strips, push buttons, disconnect, motor starter (standard), distributed I/O (optional), harting connector (optional)
Location	right side mount (standard) left side mount (optional) remote mount (optional)
Motor starter	NEMA size 0 (standard) IEC (optional)
Wiring	16 AWG SO cable