

HRS Air-Powered Hose Reel

The **HRS** ends struggling with hoses, for safer, more-productive tube cleaning!

Vertical evaporators make tough work. With difficult working conditions and impatient customers who never allow enough time to complete the job, how can a contractor deliver true value? The **HRS** is the answer. It's reliable, and boosts productivity so much that many evaporators can be thoroughly cleaned for the first time ever. Getting the plant back into production sooner, at rates not achieved before; makes big money. Safety is also improved compared to manual methods.

- Cleaner tubes, pressure on for both down & up cycle
- Up to 50% more productive than manual methods
- Eliminate stand-by crews, reduce rest schedule
- Less down time means more production for customer
- Thoroughly restored heat transfer means more production for customer



MT 140 Jet Guard



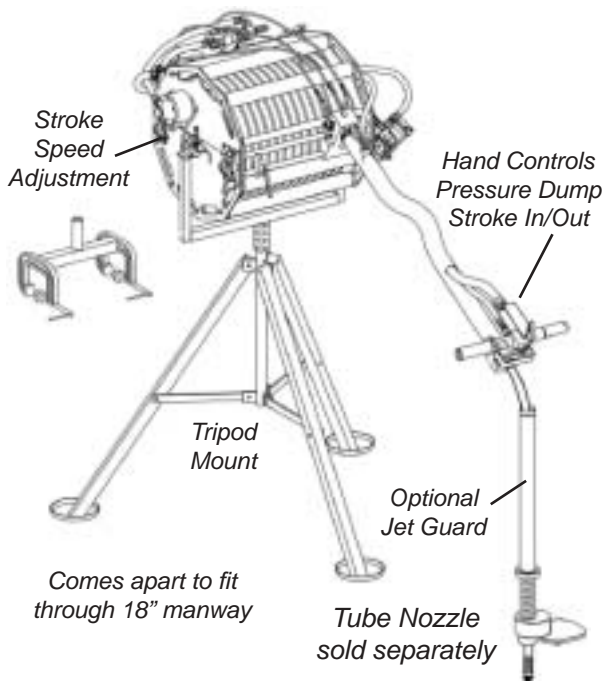
Marten Tube Nozzle - sold separately



Black liquor evaporator cleaning



First unit still at work in rendering plant evaporator



Specifications

Max. Pressure	15 Kpsi	1000 bar
Inlet Port	1/2 npt	
Stroke Speed, Max.	3 ft/sec	0.9 m/sec
Air Supply Required	80 psi	5.5 bar
	30 CFM	14 l/sec
Weight	175 lb	78 kg

Model	HRS-P8	HRS-P6	HRS-P6
Hose Option	HRS 350	HRS 376	HRS 378
Min. Tube ID	1.50 in. 38 mm	1.10 in. 28 mm	0.75 in. 19 mm
Hose Connections	1/2 npt	1/4 npt	1/4 npt
With Tube Nozzle	MT-P8	FT-P4	EZ-P4
Stroke	45 ft. 21 m	70 ft. 33 m	70 ft. 33 m
Hose ID	.50 in. 12 mm	.33 in. 8 mm	0.25 in. 6 mm
Hose OD	1.0 in. 25 mm	.61 in. 16 mm	0.50 in. 12 mm
Flow Rating, Cv	0.70	0.28	0.16
Flow Capacity	27 gpm 102 lpm	12 gpm 45 lpm	8 gpm 30 lpm