

7000 SERIES AIR DRIVEN TUBE CLEANER:



WHY TO CLEAN TUBES :

To function efficiently every tubes of Boiler, Heat Exchanger, condenser to be cleaned and scale free. All piping accumulates scales over various periods of use. The formation of mud deposit, hard or soft scale in the tubes drastically reduce the flow retards heat transfer and consequently increases fuel consumption and lower efficiency.

TYPE OF CLEANER :

- 1) For Boiler Air Driven Boiler Tube Cleaner.
- 2) For Heat Exchanger, Condenser : Pneumatic / Electrical Heat Exchanger Tube cleaner.

To recommend SUBZERO make tube cleaner. Kindly provide following information.

- 1) Tube OD x Gouge or thickness
- 2) Length of Tubes
- 3) Whether Tubes straight or bend.
- 4) Type of tube material MS, SS, Brass, Copper
- 5) Scale in tubes Hard, Soft, Gummy, Modular.
- 6) Type of vessel (Boiler, Heat Exchanger, Condenser, Chillers).



Works as a compressed air - powered cleaner for both straight and curved tubes.

FEATURES :-

- 1) Air Motor generates no spark, so they can be used in explosive area. Powerful motor design allow for Immediate start up.
- 2) The easy and fast way to remove tough scale from curved and straight tubes.
- 3) Range start from 20mm ID to 140mm ID.
- 4) This cleaner does not create heat generation even after long and continuous use.
- 5) In case of overloading it stops the rotation to prevent damaging the tube inner surface. Air cooled, Air driven rolevy motor 3000- 8000 R.P.M. under no load.
- 6) With the efficient use of exhaust air this tool clears away loose scale from the tubes.
- 7) Air motor having a simple design with few movable parts which prove trouble free operation with Minimum maintenance.
- 8) Save more man power and time for cleaning of job.
- 9) The motor required no special tool for repair.
- 10) Armored hose design for rigidity and heat resolution.

PNEUMATIC TUBE CLEANER



TECHNICAL SPECIFICATION:

Tube I.D mm	Model No	Connecting Tools		Cleaning Heads			Air Consumption cmf	Min Curve Radius mm	Hose Size inch
		Universal Joints	Flexible Joint	Drill Head	Cutter Head	Brush Head			
19	7006	6	6	D-6	S-6	B-6	10	230	1/4
22	7007	6	6	D-7	S-7	B-7	12	250	1/4
25	7008	8	8	D-8	S-8	B-8	14	280	1/4
29	7009	8	8	D-9	S-9	B-9	18	290	3/8
32	7010	10	10	D-10	SC-10	B-10	20	300	3/8
35	7011	10	10	D-11	SC-11	B-11	24	320	3/8
38	7012	12	12	D-12	SC-12	B-12	30	330	1/2
41	7013	12	12	D-12	SC-12	B-12	30	330	1/2
45	7014	12	12	D-14	SC-14	B-14	34	340	1/2
48	7015	12	12	D-14	SA-14	B-14	34	340	1/2
51	7016	12	12	D-16	SA-16	B-16	40	360	1/2
54	7017	16	16	D-16	SA-16	B-16	40	360	1/2
57	7018	16	16	D-18	SA-18	B-18	45	370	1/2
60	7019	16	16	D-18	SA-18	B-18	45	370	1/2
64	7020	19	19	D-20	SA-20	B-20	52	390	1/2
67	7021	19	19	D-20	SF-20	B-20	52	390	1/2
70	7022	19	19	D-22	SF-22	B-22	62	420	1/2
73	7023	19	19	D-22	SF-22	B-22	62	420	1/2
76	7024	19	19	D-24	SF-24	B-24	70	440	3/4
83	7026	22	22	D-24	SF-24	B-24	70	470	3/4
89	7028	22	22	D-28	SF-28	B-28	82	500	3/4
95	7030	25	25	D-28	SF-28	B-28	82	500	3/4
102	7032	25	25	D-32	SF-32	B-32	95	500	3/4
114	7036	25	25	D-36	SF-36	B-36	95	500	3/4
127	7040	28	28	D-40	SF-40	B-40	105	520	3/4
140	7044	28	28	D-44	SF-44	B-44	105	520	3/4

AIR DRIVEN TUBE CLEANER CUTTER HEAD & BRUSHES:



Universal Joint

Attaches a drill head, cutter head or brush head to the waterdriven or air-driven tube cleaner.



Flexible Joint

Attaches a brush head to the tube cleaners. It has a wide range of usages, for example, it is convenient for a small bending radius tube.



D Type Drill head

For a midsize diameter tube with hard scale.



SA Type Cutter Head

For large diameter tube with hard scale. 3 to 4 freely pivoted arms activated centrifugally swing out to give cutters access to any part of tube wall



S Type Cutter Head

For small diameter tubes & thin but hard scale.



B Type Brush head

Removing soft scale and deposit, or for final finishing after use of a drill or cutter head.

For polishing tube walls, removing soft deposits, or final finishing after use of a drill or cutter head