

TUBE CLEANER CUTTER HEADS
(For Boilers, Juice Heaters, Evaporators etc)

Powerflex Tool Head Cutters are designed to remove the hardest deposit from tubes. The cutters are of trackless design to eliminate tube damage. A trackless cutter has the teeth cut on a different pitch. All the tool heads contact the surface to be cleaned as a result of the centrifugal force.

Powerflex tool head cutters are supplied in a very wide range of sizes. The standard sizes are upto tube I.D.4". Intermediate sizes are available for all models. Larger sizes can be supplied for special work.

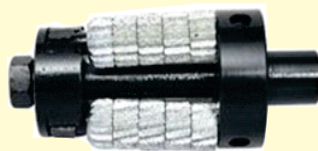
POWERFLEX SINGLE HEAD - PSH



Designed for general tube descaling of process pipes, boiler, juice heater and vacuum pan tubes. The design of this head is simple and its action is extremely effective. These cutter heads are fitted with 3 cutter wheels one each, teeth cut straight, teeth cut right and teeth cut left, which increase descaling speed and prevent grooving of the scale. The side plates are reversible and double drilled to give maximum length of service.

POWERFLEX SPRING LOADED TOOL HEAD - PSL

OPEN BODY



CLOSE BODY



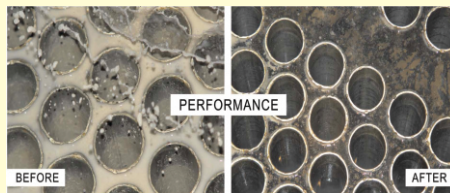
This spring loaded, self expanding, tool head is fitted with fifteen cutter wheels, five each on three bridge type arm pins and is slightly tapered at the top end. While the tapered top allows easy entry in the tube, the spring loaded arms allow the cutter wheels to contract or expand according to scale conditions.

POWERFLEX CARBIDE DRILL HEAD - PCD



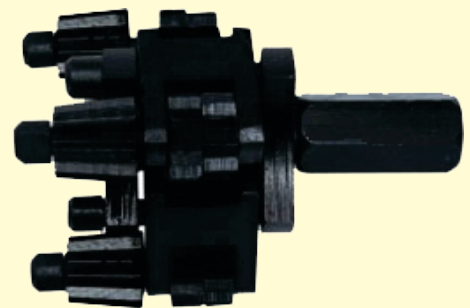
Designed for cleaning fully or partially blocked tubes of soft or hard deposits. The cutting edges are tapered to a point to enter small openings. The drill roughs out the deposit and is generally followed by use of a cutter head. It is supplied with an adaptor for straight tubes and universal joint for curved tubes.

POWERFLEX PIVOTED ARM TOOL HEAD - PPA



This tool head is for hard-to-get-at medium to extra thick deposits ranging from gummy to hard. Four cone cutters fitted on arms of unequal length are pivoted at the spider on the rear of the cutter head, which gives maximum tube cleaning range. It is supplied with an adaptor for straight tubes and universal joint for curved tubes.

POWERFLEX SWING FRAME TOOL HEAD - PSF



This model is a swing frame cutter head and therefore has a large expansion-contraction range. It is fitted with 3 to 5 cone cutters (depending on size) to break up heavy shoulders of scale and long lines of star cutter wheels for thorough cleaning of remaining scale in one pass. It is supplied with an adaptor for straight tubes and universal joint for curved tubes.

TUBE CLEANER CUTTER HEADS (For Boilers,juice Heaters,Evaporators etc)



TOOL HEAD CUTTER FOR MEDIUM SIZE TUBES(1.1/4" TO 2")



PIPE INTERNAL DIA		PSH	PSL	PCD
INCH	MM	TOOL NO.	TOOL NO.	TOOL NO.
1.1/4	31.7	PSH -317	PSL -317	PCD -317
1.5/16	33.3	PSH-333	PSL-333	PCD-333
1.3/8	34.9	PSH-349	PSL-349	PCD-349
1.7/16	36.5	PSH-365	PSL-365	PCD-365
1.1/2	38.1	PSH-381	PSL-381	PCD-381
1.9/16	39.7	PSH-397	PSL-397	PCD-397
1.5/8	41.3	PSH-413	PSL-413	PCD-413
1.11/16	42.8	PSH-428	PSL-428	PCD-428
1.3/4	44.4	PSH-444	PSL-444	PCD-444
1.13/16	46.0	PSH-460	PSL-460	PCD-460
1.7/8	47.6	PSH-476	PSL-476	PCD-476
1.15/16	49.2	PSH-492	PSL-492	PCD-492
2	50.8	PSH-508	PSL-508	PCD-508

TOOL HEAD CUTTER FOR LARGE SIZE TUBES (2" TO 4.1/2")



PIPE INTERNAL DIA		PSH	PPA	PSF
INCH	MM	TOOLNO	TOOL NO	TOOL NO
2	50.8	PSH-508	PPA-508	PSF-508
2.1/4	57.1	PSH-571	PPA-571	PSF-571
2.1/2	63.5	PSH-635	PPA-635	PSF-635
2.3/4	69.8	PSH-698	PPA-698	PSF-698
3	76.2	PSH-762	PPA-762	PSF-762
3.1/4	82.5	PSH-825	PPA-825	PSF-825
3.1/2	88.9	PSH-889	PPA-889	PSF-889
3.3/4	95.2	PSH-952	PPA-952	PSF-952
4	101.6	PSH-1020	PPA-1020	PSF-1020
4.1/2	114.3	PSH-1150	PPA-1150	PSF-1150