



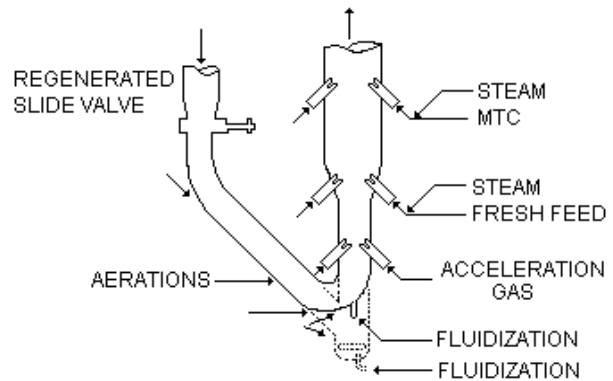
American Maintenance Systems



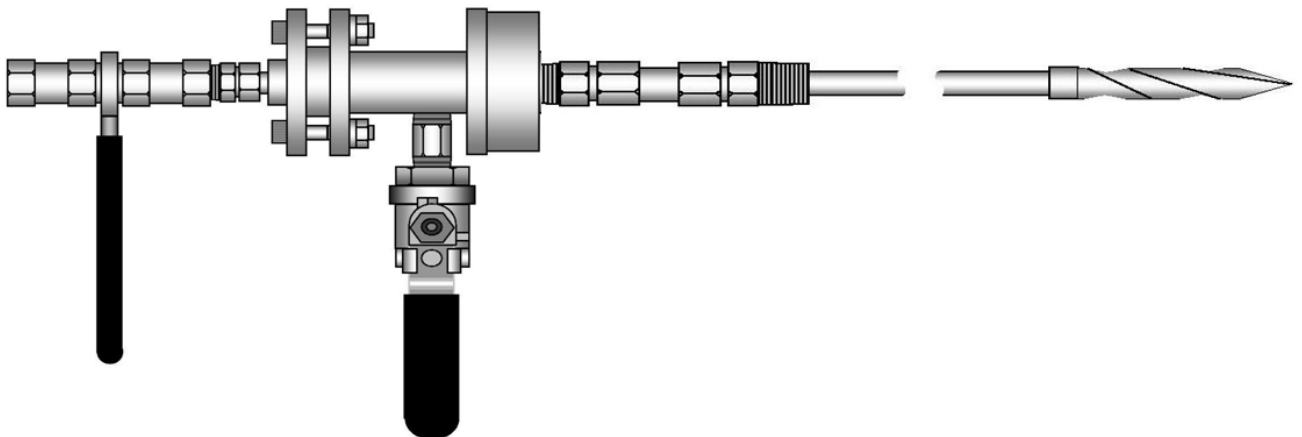
Problem: Safely cleaning in-service FCC aeration taps and instruments
Solution: CAT BOSS™ Cleaners



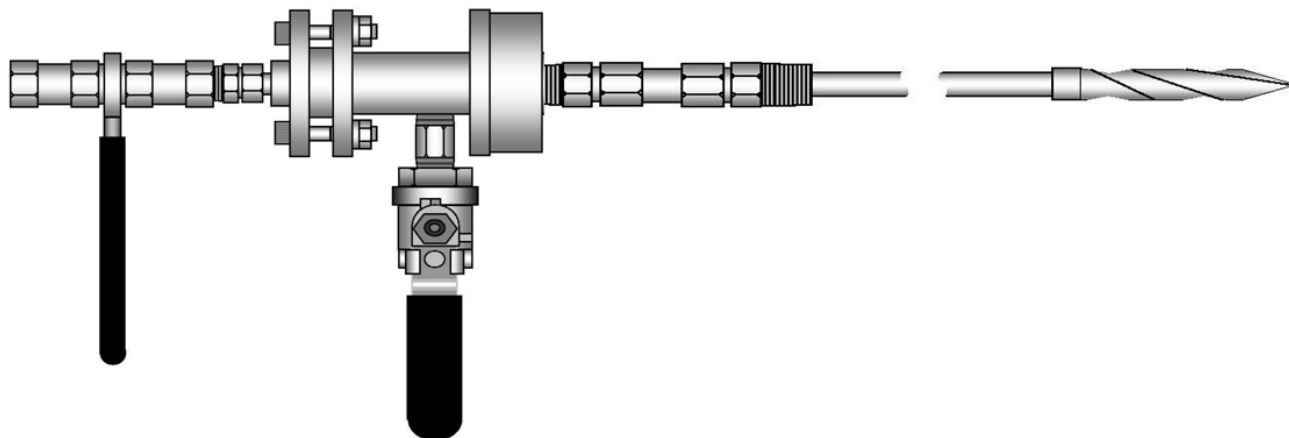
"Y" AND "J" BEND CONFIGURATIONS



CAT BOSS™ Cleaners



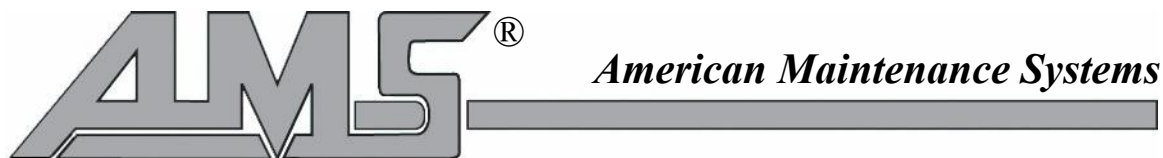
The catalyst in FCC units tends to solidify in instrument and aeration tap valves. This cement-like catalyst can be difficult to remove. CAT BOSS™ is designed to eliminate this problem. It utilizes inert gas purge through a double check valve along a rigid tube and through ports in the drill. By applying pressure from the ratcheting handle and turning the carbide drill, the catalyst is cut away and pushed away from the drill and vented.



STD. MNPT	DESCRIPTION	DRILL DIA.	WORK LENGTH	MODEL
1/4"	CAT BOSS TOOLS	1/4" (6.5mm)	12"/30cm	CAT-401-12"
1/4"	" "	1/4" (6.5mm)	24"/60cm	CAT-402-24"
1/4"	" "	1/4" (6.5mm)	36"/90cm	CAT-403-36"
1/4"	" "	1/4" (6.5mm)	48"/120cm	CAT-404-48"
1/4"	" "	1/4" (6.5mm)	60"/150cm	CAT-405-60"
1/4"	" "	1/4" (6.5mm)	72"/180cm	CAT-406-72"
1/4"	" "	1/4" (6.5mm)	84"/210cm	CAT-407-84"
1/2"	CAT BOSS TOOLS	3/8" (9.5mm)	12"/30cm	CAT-801-12"
1/2"	" "	3/8" (9.5mm)	24"/60cm	CAT-802-24"
1/2"	" "	3/8" (9.5mm)	36"/90cm	CAT-803-36"
1/2"	" "	3/8" (9.5mm)	48"/120cm	CAT-804-48"
1/2"	" "	3/8" (9.5mm)	60"/150cm	CAT-805-60"
1/2"	" "	3/8" (9.5mm)	72"/180cm	CAT-806-72"
1/2"	" "	3/8" (9.5mm)	84"/210cm	CAT-807-84"

End connections can be included to meet your connection requirements. CAT BOSS™ tools are constructed for J and Y Bend Cat Unit operating pressures and temperatures. Others should specify pressure and temperature requirements.

316 Stainless Steel, for restrictions refer to ASME B40.1. Fittings & connectors, constructed of 316 Stainless Steel conform to ANSI B36.10, ANSI B1.20.1, MIL-P-7105 B, barstock material ASME SA479. Manufactured to API 570, ASME B31.3. All components supplied conform to ANSI, ASME, ASTM and ISO-9002



12407 N. Mopac Expressway, Suite 100-469, Austin, Texas 78758 USA

Telephone 512 238 0962 Fax 512 238 0961

E-mail info@american-maintenance-systems.com

Web www.american-maintenance-systems.com