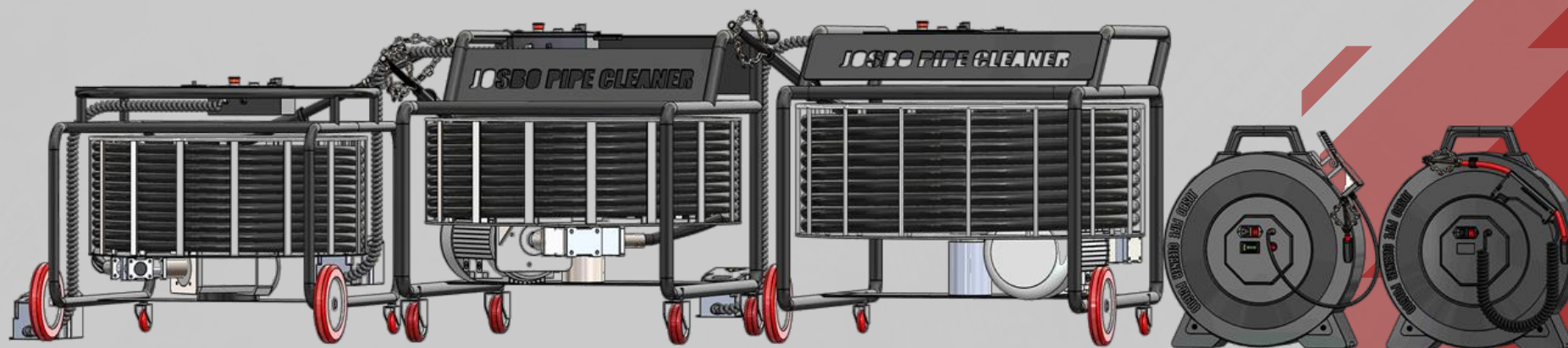


JOSBO HIGH SPEED PIPE CLEANERS

Pipe Clean Game Changer



JOSBO SANITATION TECHNOLOGY CO., LTD.,

Josbo Highspeed Pipe Clean Technology

Driven by the flexible shaft through a motor, the chain knocker rotates at an extraordinary high speed. By utilizing the grinding and eddy current effects it generates, the spinning chain knocker are capable of removing alkaline scales, tree roots, domestic waste, and other debris off the inner walls of the drain, restoring its original design capacity for sewage disposal.



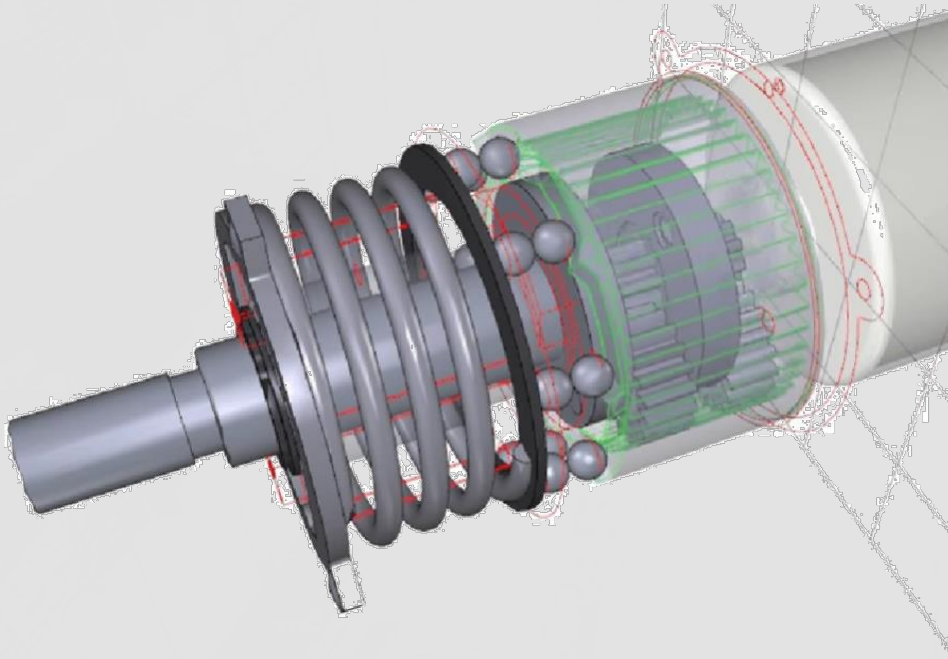
Technical Advantages

High-Speed:

Driven by a high efficient electric motor, the flexible shaft, which in turn drives the chain knocker, generates a high rotational speed of up to 1800 RPM. This process rapidly dislodges and grinds the adhered dirt on the pipe wall into flushable debris.



Technical Advantages



Torque Safety Protection System (TSP system)*:

During cleaning, if over-twisting, jamming, or excessive entanglement occurs, the torque protection clutch is triggered off to disengage the motor from the flexible shaft, which in turn stop chain knocker from rotating.

Don't worry, TSP system automatically recovers and stands by for next contingency upon restarting.

*Applicable to PCL600 and PCL600 plus models

Technical Advantages

Visual Operation:

By carrying a drain camera, the equipment enables visual operation within the pipe. It can navigate through most bends in the pipeline and deliver the chain knocker to certain sections, ensuring thorough cleaning without blind spots. From now on, pipe things will no longer be a "hidden project."



Technical Advantages

Adaptive:

Different chain knocker correspond to different pipes, JOSBO enables comprehensive coverage of various types of pipelines.



JOSBO PIPE CYCLONE CLEANING SERIES

	PCL600
Dimension (mm)	490*560*180
Clean Range (m)	12
Drain Capacity (mm)	DN30~50
Max Rotational Speed RPM	1800
Output Power V/W	220/200
Weight kg	8.5

Mainly used for dredging and cleaning floor drains, attached pipelines of squatting and sitting toilets, household shower drains, washing machine floor drains, and sink drains, among other sanitary fixture drainage pipes.



JOSBO PIPE CYCLONE CLEANING SERIES



Mainly used for dredging and cleaning household shower drains, washing machine floor drains, sink drains, as well as indoor main sewage vertical pipes and horizontal pipes.

	PCL800
Dimension (mm)	580*620*250
Clean Range (m)	20
Drain Capacity (mm)	DN50~100
Max Rotational Speed RPM	1600
Output Power V/W	220/300
Weight kg	15

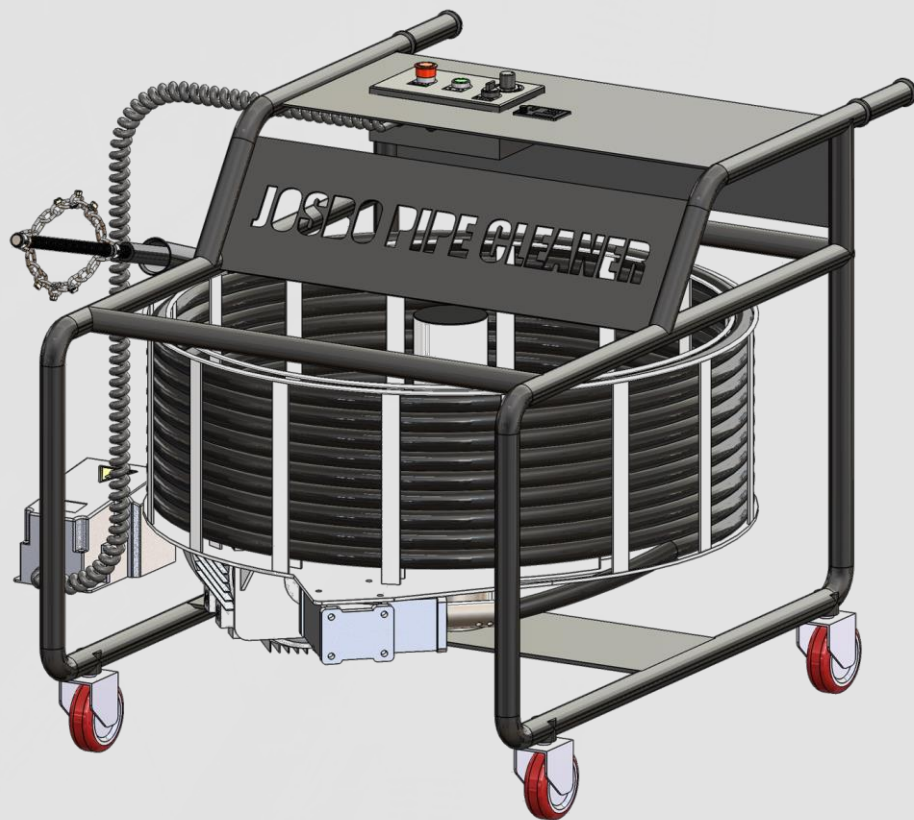
JOSBO PIPE CYCLONE CLEANING SERIES

	PCL1200
Dimension (mm)	800*790*690
Clean Range (m)	30
Drain Capacity (mm)	DN75-200
Max Rotational Speed RPM	1500
Output Power V/W	220/1500
Weight kg	80

Mainly used for removing alkaline scale, FOG from indoor pipes. Also used to clear tree roots, cement blocks, and household waste deposits from outdoor sewage and drainage pipelines.



JOSBO PIPE CYCLONE CLEANING SERIES



	PCL1600
Dimension (mm)	1150*830*770
Clean Range (m)	30
Drain Capacity (mm)	DN150-300
Max Rotational Speed RPM	1500
Output Power V/W	220/2250
Weight kg	110

Mainly used for removing FOG and other debris from kitchen wastewater pipes and clearing tree roots, cement blocks, and household waste deposits from outdoor sewage and drainage pipelines.

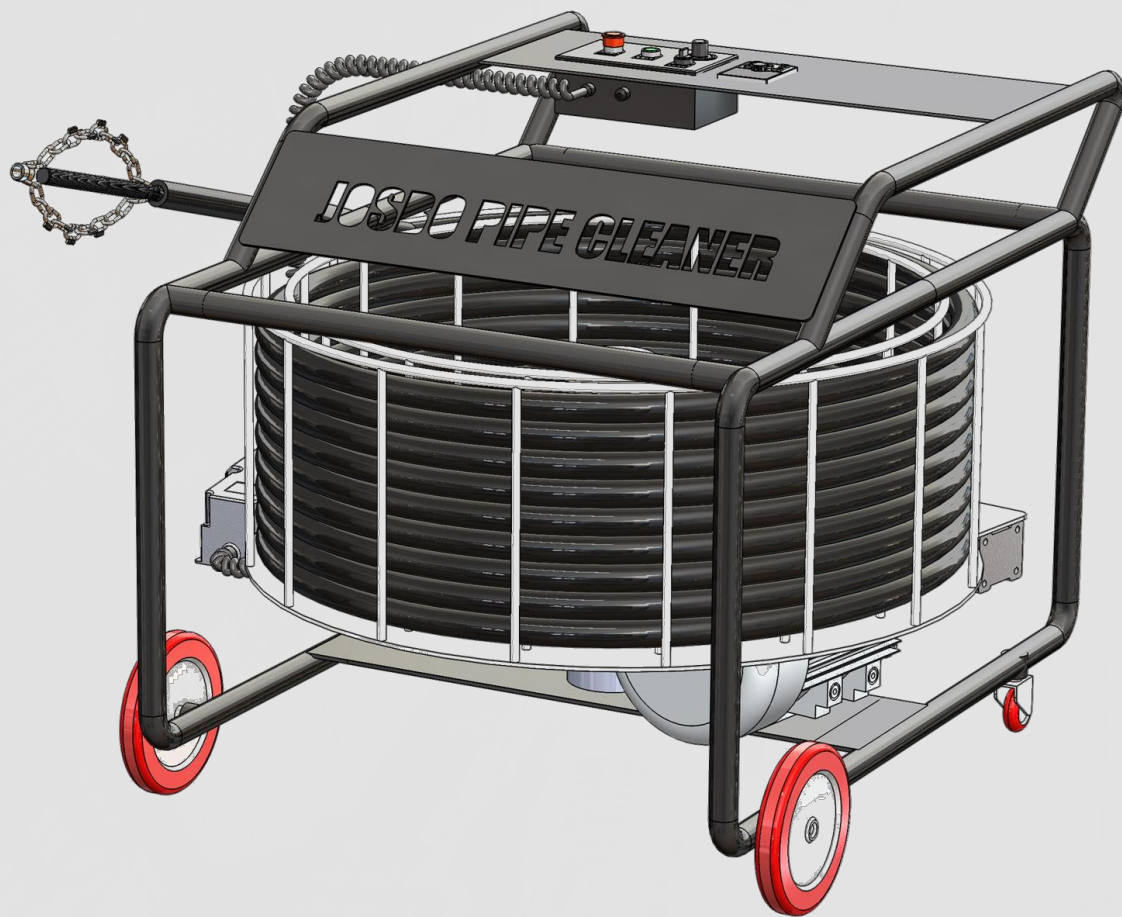
JOSBO PIPE CYCLONE CLEANING SERIES

	PCL2000
Dimension (mm)	1500*900*1050
Clean Range (m)	50
Drain Capacity (mm)	DN300-500
Max Rotational Speed RPM	1500
Output Power V/W	380/5500
Weight kg	250

Mainly used for clearing tree roots, cement blocks, and household waste deposits from outdoor sewage and drainage pipelines. It is also suitable for pre-cleaning municipal pipelines before the flood season or for regular maintenance.



JOSBO PIPE CYCLONE CLEANING SERIES



	PCL2000 Giant
Dimension (mm)	1500*900*1850
Clean Range (m)	80
Drain Capacity (mm)	DN300-500
Max Rotational Speed RPM	1500
Output Power V/W	380/7500
Weight kg	280

Same effects as PCL1200, but with more feet of torque and longer range.

Before & After



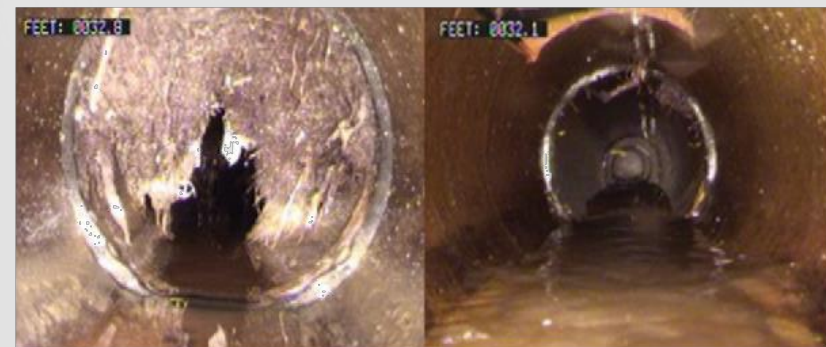
Clean grease buildup and blockages in kitchen oil pipes.



Descale rust buildup inside cast iron pipes.



Remove urine scale buildup inside toilet waste pipes.



Cut tree roots growing inside outdoor main pipes.