

## **INSTRUCTION MANUAL OF AUTOMATIC POWER PIPE CLEANER MINI ROOTER**

### **SAFE OPERATION**

11. Do not abuse the cord  
never yank the cord to disconnect it from the socket. Keep the cord away from heat, oil and sharp edges
12. Secure work  
Where possible use clamps or vice to hold the work. It is safer than using your hand.
13. Do not overreach  
Keep proper footing and balance at all times.
14. Maintain tools with care  
Keep cutting tools sharp and clean for better and safer performance.  
Follow instruction for lubricating and changing accessories.  
Inspect tool cords periodically and if damaged have them have them repaired by an authorized service facility.  
Inspect extension cords periodically and replace if damaged.
15. Disconnect tools  
When not in use, before servicing and when changing accessories such as blades, bit and cutters, disconnect tools from the power supply.
16. Remove adjusting keys and wrenches  
Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
17. Avoid unintentional starting  
Ensure switch is in "off" position when plugging in.
18. Use outdoor extension leads  
When the tool is used outdoors, use only extension cords intended for outdoor use and so marked.
19. Stay alert  
Watch what you are doing, use common sense and do not operate the tool when you are tired.
20. Check damaged parts  
Before further use of tool, it should be carefully checked to determine that it would operate properly and perform its intended function.  
Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect its operation.  
A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated in this instruction manual.  
Have defective switches replaced by an authorized service center.  
Do not use the tool if the switch does not turn it on and off.
21. Warning  
The use of any accessory or attachment other than one recommended in this instruction manual may present a risk of personal injury.

# **AUTOMATIC POWER PIPE CLEANER HEAVY ROOTER**



## **User's Instruction Manual** **Model : P-31**

**Note :** Before using this Automatic Power Pipe Cleaner Heavy Rooter carefully read through this INSTRUCTIONS MANUAL to ensure efficient, safe operation. It is recommended that these INSTRUCTIONS be kept readily available as an important reference when using this Automatic Power Pipe Cleaner Heavy Rooter.

## INSTRUCTION MANUAL OF AUTOMATIC POWER PIPE CLEANER MINI ROOTER

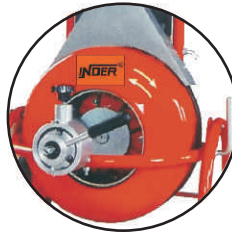
**FEATURES** : - Automatic Power Pipe Cleaner Heavy Rooter is design for both indoor and outdoor application Dia 20mm - 100mm (3/4" - 4") in lavatories, bathrooms and kitchens etc. Its entirely sealed structure, soft flexible shafts made of high quality steel wire coiled around the steel wire rope tightly and special treated, 12.5mm x 23Mtrs. Inner -core cable can meet the requirement of every heavy duty job to just put in barrels, to ensure cleaner and more convenient use.

### SPECIFICATION

<b>Prod. NO.</b>	<b>31</b>
<b>Size (mm/inch)</b>	<b>20 - 100mm/3/4" - 4"</b>
<b>Specification</b>	<b>220V, 50Hz or 110V, 60Hz optional, Input 390W, Rotate Speed 260rpm, Feeding speed 0 - 6m/min. Cleaning Cable</b>
<b>Dia (mm) x (Length) (Mtrs.)</b>	<b>12.5 x 23</b>
<b>Weight (Kgs.)</b>	<b>47.000</b>

### OPERATION

To turn on the pressure knob on the top of the feed unit to right, the cable rotates. To loose the knob, the cable stops. To push or pull the handle to control the speed of cable feeding or reversing. While the handle is at the neutral position, the cable stops.



While a sudden torque build-ups, the running speed of the drum will down, you have enough time to re-adjust the machine. 30 meters of 1/2" inner core cable can be held in the drum.

To add the guide hose to have an easy, safe and clean operation.



Easy changing coupling.

The drum can be adjusted to fit different working position.



## INSTRUCTION MANUAL OF AUTOMATIC POWER PIPE CLEANER MINI ROOTER



Olive-shaped  
helical augur



Collection Helical  
Augur



Spade-Shaped  
Cutter



Helical saw cutter

### SAFE OPERATION

1. Keep work area clear  
Cluttered area and benches invite injuries.
2. Consider work area environment  
Do not expose tools to rain.  
Do not tools in dam or wet locations.  
Keeps work area well lit.  
Do not use tools in the presence of flammable liquids or gases.
3. Guard against electric shock  
Avoid body contact with earthed or grounded surfaces (e. g. Pipes, radiators, ranges, and refrigerators).
4. Keep other persons away  
Do not let persons, especially children, not involved in the work touch the tool or the extension cord and keep them away from the work area.
5. Store idle tools  
when not in use, tools should be stored in a dry locked - up place, out of reach of children .
6. Do not force the tool  
Do not force small tools to do the job of a heavy duty tool.  
Do not use tools for purposes not intended; for example does not use circular saws to cut tree limbs or logs.
7. Use the right tool  
do not force small tools to do the job of a heavy duty tool.  
Do not use tools for purposes not intended for example do not use circular saws to cut tree limbs or logs.
8. Dress properly  
Do not wear loose clothing or jewelry, the can be caught in moving parts.  
Non - skid footwear is recommended when working outdoors.  
wear protective hair covering to contain long hair.
9. Use protective equipment  
Use safety glasses.  
Use face or dust mask if working operations create dust.
10. Connect dust extraction equipment  
If the tool is provided for the connection of dust extraction and collecting equipment, ensure these are connected and properly used.