



Manufacturers of Quality Sewer & Drain Cleaning Equipment since 1957

## ***Instruction Manual for the M755***

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746 Selby Ave  
St. Paul MN, 55104

800-328-8170  
Fax: 651-222-1739  
[www.mytana.com](http://www.mytana.com)

## ***-PLEASE NOTICE-***

THIS MACHINE IS NOT TO BE OPERATED BY ANYONE UNTIL HAVING CAREFULLY READ THIS INSTRUCTION BOOK ON ITS USE.

IF ANYONE ELSE THAN THE ORIGINAL BUYER OF OUR EQUIPMENT IS TO USE THE EQUIPMENT, THEN HE or SHE IS TO BE FURNISHED WITH AN INSTRUCTION BOOK.

***TO REQUEST NEW AND/OR ADDITIONAL  
INSTRUCTION BOOKS PLEASE NOTIFY US AT:***

MyTana Mfg. Co., Inc.

746 Selby Ave

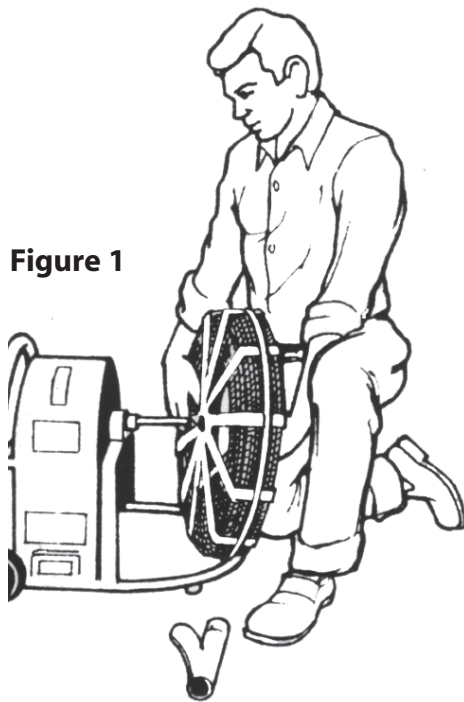
St. Paul MN, 55104

(651) 222-1738 (800) 328-8170 [www.mytana.com](http://www.mytana.com)

***STATE WHAT MODEL MACHINE AND WE WILL  
IMMEDIATELY MAIL A COPY OF INSTRUCTIONS.***

**The model number of this machine is \_\_\_\_\_**

# ASSEMBLY and OPERATING INSTRUCTIONS



**Figure 1**

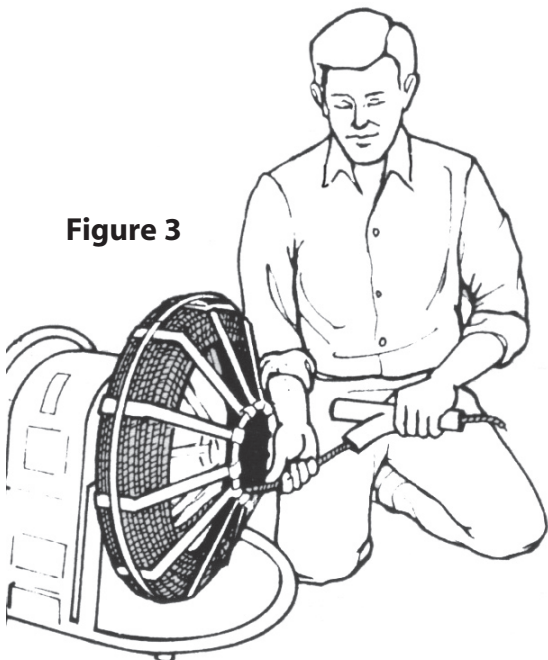
## Assembly

Set reel on frame so that the shaft will come through center of reel. (See Figure 1)

On the closed side of the reel is located a drive spring which is to be fastened by the spring cleat to the pin on the end of the metal driving rod which drives the reel. (See Figure 2)



**Figure 2**

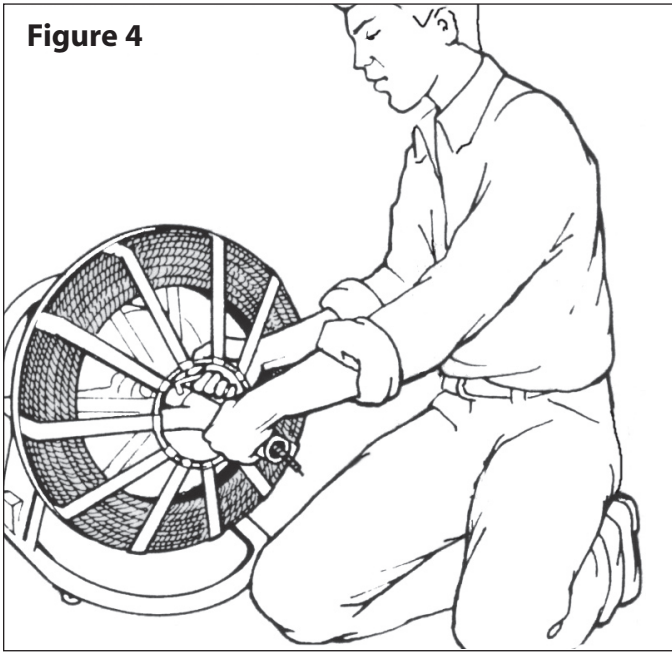


**Figure 3**

## Revolving arm

The revolving arm (See Figure 3) is next placed into position. Carefully pull end of cable out through open side of reel. Holding revolving arm in one hand and cable in the other hand, push cable through curved end of arm in a twisting motion so that when put clear through, it will extend 3 or 4" beyond the arm (See Figure 3).

**Figure 4**

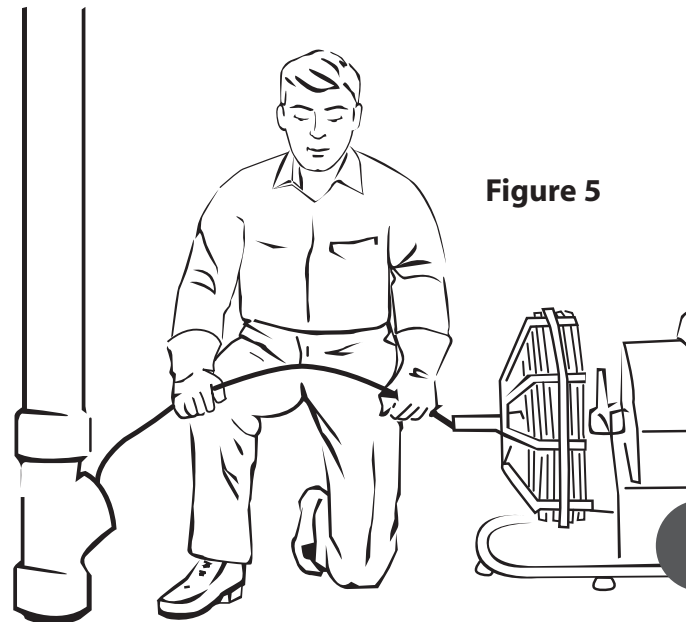


This combination revolving arm and cable is then placed on the part of the shaft protruding past the reel. Then, while holding the arm snug and secure against the reel, tighten the set screw on arm securely to prevent slipping. (See Figure 4)

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## ***NOW YOUR MACHINE IS ASSEMBLED AND READY TO OPERATE***

When performing a job with this machine, set it about 3 feet from the opening in the pipe. An experienced operator may find it more comfortable to vary the distance, but only slightly (See Figure 8). Any of the single-unit blades may be used, but it is best to use a blade much smaller than the inside diameter of the pipe or sewer to begin the job. When the desired blade has been attached to the cable you are ready to start operation.



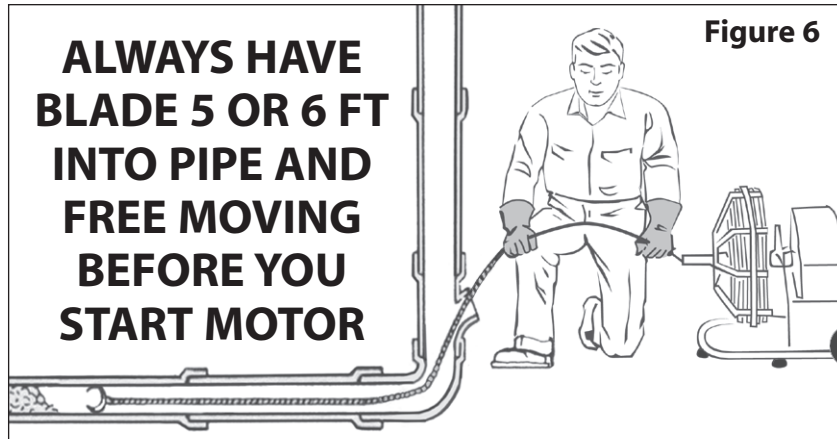
**Figure 5**

***DO NOT start machine before inserting blade 5 to 6 ft into pipe.***

***- CAUTION -  
SEE NEXT PAGE BEFORE STARTING MOTOR***

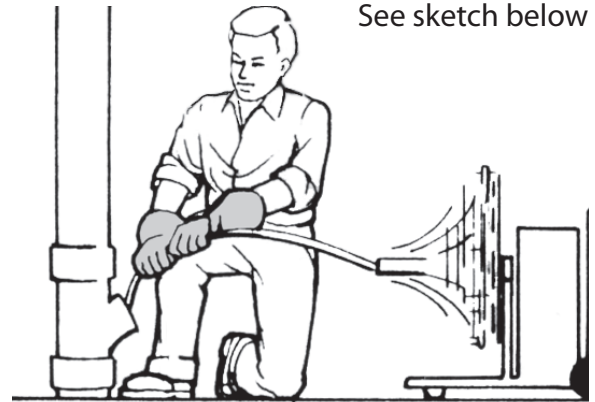
# Operation - Please read carefully!

Remove the clean-out plug and insert the cable, with blade attached, into the pipe by hand with a twisting motion. When you have passed the bend, continue to rotate and push the blade about 5 or 6 ft into the pipe, making sure it is not caught or bound so that it can rotate freely. You are now ready to start the machine, as suggested in Figure 6.



When you start the machine, place one hand on the cable close to the switch (See Figure 6) to prevent any throwing of the cable. Gently pull the cable out of the machine a little at a time. You will find that it will move itself into the sewer.

**CAUTION!**  
See sketch below



**NEVER HOLD CABLE LIKE THIS-IT IS DANGEROUS  
HOLD AS IN FIGURE 5**

**NOTE:** Before starting your first job, please read the paragraph on “**Building Up Torque**”

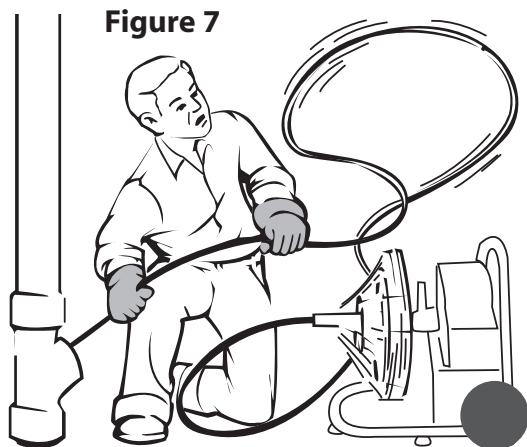
When the blade hits an obstruction, it can be readily felt by the operator. Give the blade a few seconds to release; if it doesn't pull back the cable just enough to free the blade, allowing it to rotate freely again. Continue this until you have reached the end of the pipe. Withdraw the cable gently and feed it into the machine, where the same counter-clockwise rotation will re-wind it snugly into the reel.

## **SHUT OFF THE MOTOR AND CHANGE BLADES**

After the first opening is made, turn on the nearest faucet so that water will flush the loosened debris. Allow the water to run continuously during the entire job. Follow the first opening with slightly larger blades until you can use a blade that will actually scrape the sidewalls of the pipe or sewer. Each job is a new problem in itself, and the operator will master each situation as it arises.

Mastering the operation of the machine can be sped up by carefully following these simple rules during and on the job operation.

## **DO NOT leave motor running unattended!!**



## **Building up torque**

As the reel revolves, it generates power and stores up energy in the cable, which travels at a much higher rate of speed.

When the rotating blade contacts an obstruction that it cannot cut through quickly, or at all, the cable naturally continues to wind up with the rotation of the reel. This wind up builds up torque, or tension, which acts as a powerful spring motor. If too much tension is allowed in the cable, it will lash in the operator's hands or can whip widely and dangerously out of control (See Figure 7). The torque build up is an extremely powerful force and the operator must always be warned of its potential danger.

**NEVER LET THIS HAPPEN**

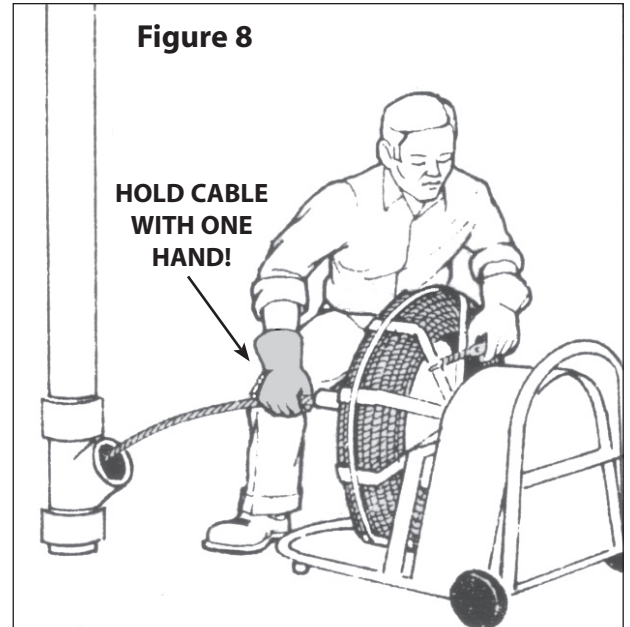


When the operator has had sufficient experience, his “touch” will tell him the extent of tension to allow the cable before pulling back from the obstruction; however, inexperienced operator should be cautious and allow the cable about 5 seconds. If it doesn’t release, pull it away from the obstruction and try again. The freed blades immediately spin by carefully allowing the rapidly rotating blades to contact the obstruction. The cutting action will be more effective and will shorten the length of time on the job.

## Difficulties

If at anytime the cutting blades become stuck and cannot be released, hold the cable close to the switch to prevent the cable from coming out of the machine. Then continue holding cable with one hand and unhook the spring cleat with the other hand (See Figure 8). Let the reel spin backwards, removing the strain on the cable. After the reel stops, spin it backwards a few more turns.

This may release the obstructions that can be wrapped around the cutting blades. When the cable is released, pull the cable out of the pipe, clean off any obstruction accumulated on the blades or cable, and insert it into the sewer again, still using the smaller blades. Larger blades can be used after the smaller ones have been through the full length of the pipe.



## SPLICING CABLES No welding necessary

**NOTE:** When ordering splicing cores or male ends, please specify the size cable they are for.

## Instructions for splicing cables

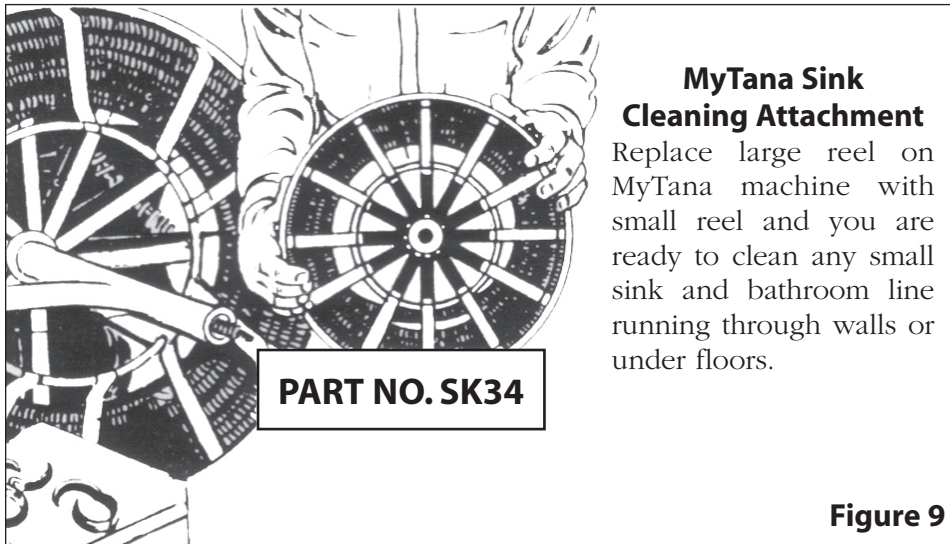
When splicing, the ends of the cable should be ground so that when put together it should hardly be noticeable. **DO NOT spread the cable** if it is difficult to start the core. Instead, grind the tip of the core slightly, but **ONLY THE TIP**, as it must fit lightly into the cable.

Clamp one end of the cable vertically into a bench-vise, with the end of the cable about 2" above the vise. Screw half the core into the cable counter-clockwise. Now lower the same cable so that the end will be even with the top of the vise, still pointing upward, and so that only the exposed half of the core is above the vise. Tighten the vise as much as possible to prevent the core from being unevenly divided when joining the other cable.

Turn the other cable (counter-clockwise) onto the exposed half of the core, making sure that both ends of cables fit tightly against each other. The same procedure applies when inserting the core of a male end into a cable.

***ALWAYS REMEMBER TO HAVE THE CABLE WOUND  
SNUG IN THE REEL WHILE OPERATING THE MACHINE***

# ***NOTE: On revolving arm arrangement***



## **MyTana Sink Cleaning Attachment**

Replace large reel on MyTana machine with small reel and you are ready to clean any small sink and bathroom line running through walls or under floors.

When ordering the small sink cleaning attachment (**SK34**) to be added and used with your equipment (Figure 9)

**Figure 9**

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