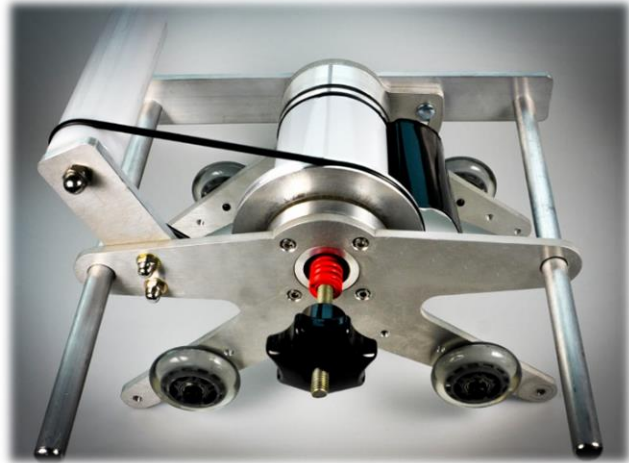


## PWT : Portable Wrapping Tool



**Guardian MAT – The “PWT”** is a portable hand held tape wrapping tool is used to apply cold applied tape coating to the outside of pipes to aid in the prevention of corrosion. The machine will accept 1 ½ inch and 3 inch tape core sizes. It can apply tape widths of 2 inches up to 9 inches.

### OPERATION INSTRUCTIONS

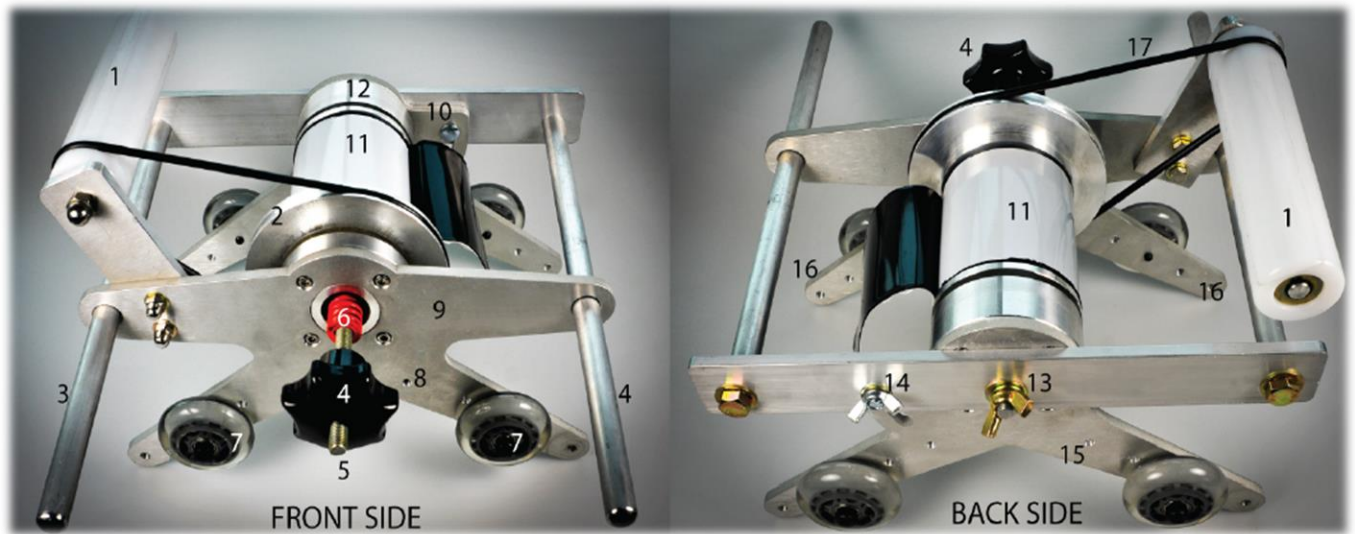
1. Place the wheels in the appropriate holes for the pipe diameter and tape width being used.
2. Place the roll of tape on the wrapping tool by first removing the quick release & lock knob, removable front side plate, spring, washer, and washer on the removable side plate.
3. Remove the removable front (side) plate.
4. Put the roll of tape on the wrapping tool and replace the removable front plate, washer, spring, and quick release & lock knob.
5. When using tape with a release liner, run the liner on the release take-up mechanism and roll it on the drum 1 ½ turns to make sure the liner will be held securely.
6. To adjust the tension on the tape, tighten the quick release & lock knob and the corresponding wing nut opposite end of the wrapping tool.
7. Overlap is adjusted by the angle break-open wing nut of the wrapping tool. This is achieved by setting the tool to the appropriate position. The angle break-open slot on the backside plate can be adjusted to achieve this.
8. Be sure the tape is pulling squarely off the machine. Begin application of the tape.
9. The tape is applied by pulling the machine around the pipe. The small, solid bars (extension handle) on either side of the wrapping tool are used as handles to move the tool around the pipe. As the machine is pulled around the pipe, the tape will be applied by rolling off the roll of tape onto the pipe.
10. After the tape is used, repeat the directions above for the next roll of tape.

### NOTE

1. Make sure tape is tightly tapped into the tape placement slot properly when placing new roll of tape.
2. When pulling the machine around the pipe, be sure to grasp the handles in the center of the tool and allow the machine to take it's own course. Do not try to steer the wrapping tool.
3. The Wrapping tool is heavy enough to hurt your foot when it is dropped. Please make sure one person securely holds the tool when other person starts or cuts out the tape.

All statements and data presented herein are given in good faith and believed to be appropriate and reliable. It is given without express or implied warrant or guarantee. Potential users of Guardian's materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use prior to purchase.

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## PROPERTIES

Number	Part Name
1	Release Liner Tube
2	V-Belt Wheel
3	Extension Handle
4	Quick Release & Lock Knob
5	Lg Steel Hex HD Cap Screw (2" tape – use 23cm screw, 4" tape – use 27.5 cm screw)
6	Spring
7	3" Colson Wheel
8	Adjustable Colson Wheel Holes
9	Removable Front (Side) Plate
10	Angle Break – Open : 2" Lg Steel Hex HD Cap Screw
11	Tape Placement
12	Bracket
13	Steel Wing Nut (opposite side of quick release & lock knob)
14	Steel Wing Nut (opposite side of angle break-open controller)
15	Adjustable Colson Wheel Holes
16	Leg – Colson Wheel
17	Tension Belt

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