

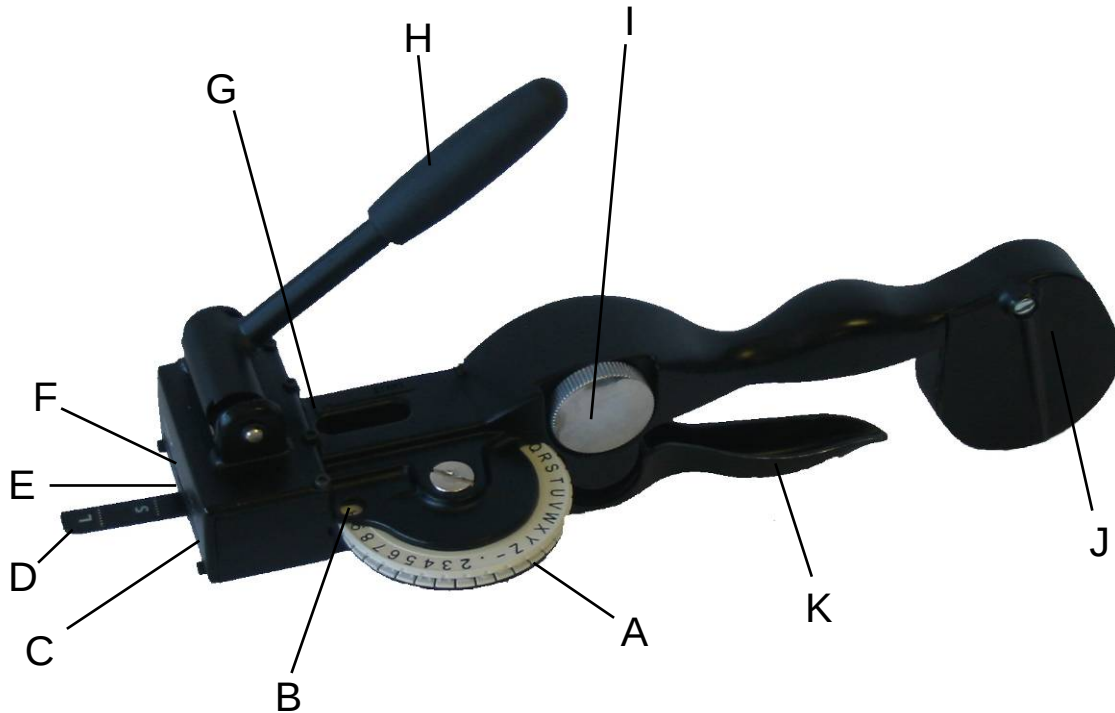
Operating Instructions



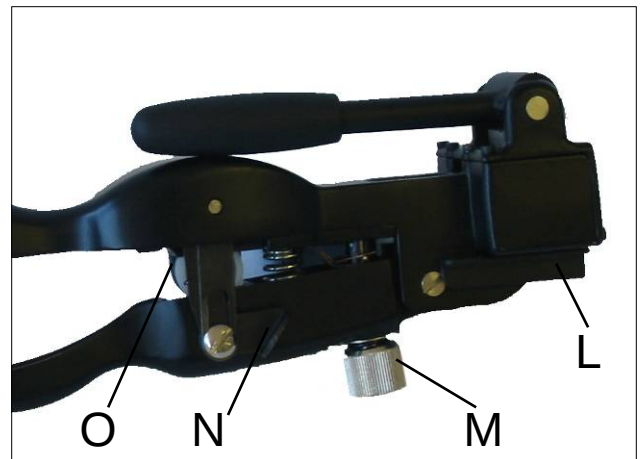
GRD400 SS TAPE EMBOSSER

The BAND-IT GRD400 stainless steel tape embossing tool is ideal for identifying electrical cable runs, valves, motors, switches, and anything else needing the durability of stainless steel identification. Choose either to hole-punch for hang tags or cut and form cable tie slots for additional strength and security. The ½" wide SS tape embossed with 3/16" inch characters provides a corrosion resistant, easy-to-read, quick to install, identification tag you can make on the spot.

- Replacement rolls of SS ID tape: Part # ID4059 – ½" wide X .005" thick X 21' long
- Reverse Image wheel included for special projects requiring mirror script labels.



- A – Character Wheel
- B – Character Viewing Window
- C – Hole Punch Slot
- D – Tag Centering Guide
- E – Tape Exit
- F – Tie Forming Slot
- G – Start Line
- H – Cut Off Handle
- I – Tape Advance Knob
- J – Tape Cassette Door
- K – Embossing Handle
- L – Tape Waste Exit
- M – Depth Adjustment Knob
- N – Release Lever
- O – Rollers



Operating Instructions



GRD400 SS TAPE EMBOSSE

Getting Started: **Safety Note!**

The edges of the stainless steel tape may be sharp. Use caution when removing tape from your tool or installing a new roll of tape. Letters in bold blue correspond to the illustration on front page.

Loading tape - The GRD400 is presented with one roll of SS tape already installed as part of our factory adjustment and testing. To refill, follow these simple instructions:

- 1) Place the tool in front of you on a flat surface, open the SS tape door (**J**) and remove any remaining pieces of SS tape in the storage cavity or in between the tape feed rollers (**O**).
- 2) Hold the next roll of SS tape securely and remove the strip of plastic tape used for shipping purposes taking care to not allow the roll to unravel.
- 3) Place the roll of SS tape into the tape storage cavity (**J**) allowing 2-3" of material to extend from the tape slot and close the SS tape door.
- 4) Feed the SS tape into the two rollers (**O**) and begin to squeeze the handle (**K**) half-way several times to advance the SS tape.

Embossing your SS tape - **!! Important !!** Avoid squeezing the handle while turning the character wheel!

- 1) Turn the character wheel (**A**) until the desired letter is centered in the character viewing window (**B**).
- 2) Squeeze the embossing handle (**K**) firmly, one time. Release the embossing handle fully before selecting the next character. Each time the handle is squeezed the SS tape will advance one space.
- 3) Add a space between words or numbers by squeezing the handle gently ½ way and releasing the handle. Also, a space can be added by releasing the handle completely and turning the SS tape advance knob one click in a clockwise direction.

Adjusting the depth of characters - **!! Important !!** An impression which is too deep may cause the SS tape to wrinkle between the characters and may jam in the tool.

- 1) This adjustment may be used to optimize the clarity of the characters on the tape. Determine the best setting by turning the adjustment knob (**M**) towards the + or – symbol.

Cutting the tape and label - This tool is equipped with a heavy duty cutter bar (**H**) which will cut SS tags to length.

- 1) Advance the tag forward far enough to clear the embossed lettering or see the directions for Centering.
- 2) Lift the cutter handle up and forward to cleanly cut the band.

Retracting the SS tape - The SS tape may have been advanced too far or you may need to re-center the label.

- 1) While pulling back the Tape Pawl (**N**), turn the Tape Advance Knob (**I**) counter-clockwise.

Centering the text on the ID Tag – The tool is equipped with a retractable tag centering guide (**D**) to allow a short or long lead.

- 1) After cutting the previous label, emboss your next label.
- 2) Pull the tag centering guide (**D**) forward from its normally retracted position.
- 3) Advance the tape until the last character is even with the letter “L” on the tag centering guide.
- 4) Cut off the tag, the tag should be centered.
- 5) To center the tag with a **short lead**, first retract the tag until tape edge is at the start line. Emboss the next label; advance the tape until the last character is even with the letter “S” on the tag centering guide (**D**).
- 6) Cut off the tag which is now centered.

Punching holes and slots in your ID Tag – The tool is capable of punching holes (**C**), cable tie slots (**F**) or both.

- 1) Insert one end of the tag in the appropriate slot on the front of the tool. The slots are marked appropriately.
- 2) **!! Important !!**
 - a. The letters must face down for proper positioning of cable tie slot.
 - b. Plan enough space for slot to be clear of letters and punched holes.
- 3) Lift the cut-off handle (**H**) and perform the punch operation easily.

TROUBLESHOOTING: To ensure smooth operation and free movement of the tape:

- 1) The tape must be flat and free of kinks and burrs on the leading edge.
- 2) Check that the embossed characters on the tape are not set so deep that the tape appears wrinkled at the top and bottom edges.
- 3) When the hole punch is used, the punched hole must be clean and free of excessive burrs.
- 4) Before withdrawing the tape backward beyond the front edge of the cutter, ensure that the front edge of the tape is flat and free of burrs.
- 5) After withdrawing the tape backward, take up the slack of the tape below the hands by winding excessive tape into the holder before further usage.
- 7) Tape is slipping- Clean the rollers (**O**) by using a soft cloth and alcohol while turning the rollers several revolutions
- 8) Regularly check for cut SS tape scrap build up in the bottom of the tool (**L**).
- 9) Warranty information :
www.band-it-idex.com/warranty.html