

# OWR-2

## ACCESSORIES

### INSTRUCTION HAND WRAPPING MACHINE OWR-2

#### GENERAL DESCRIPTION:

device for making coatings of self-adhesive tapes, double-sided and one-sided self-adhesive tapes, on pipelines with a diameter more than 50 mm.

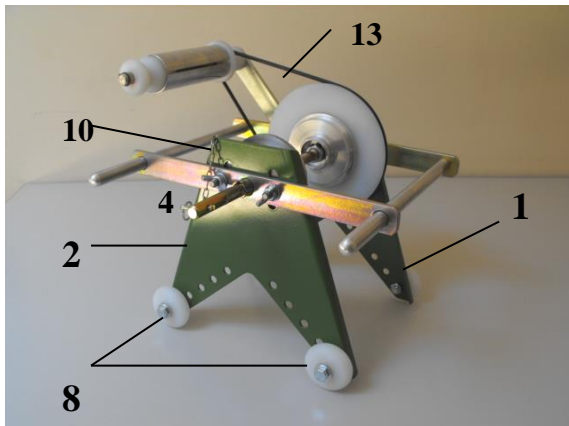


Fig.1

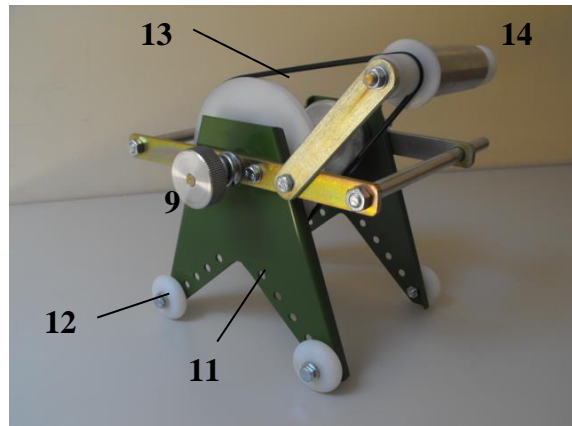


Fig. 2

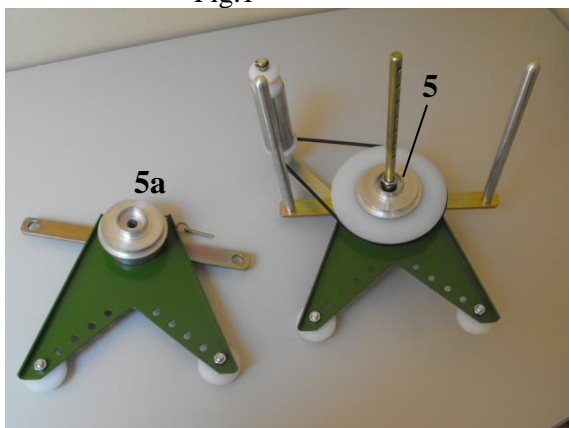


Fig.3

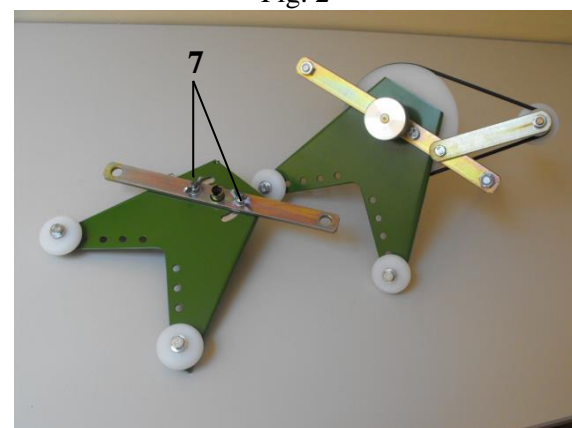


Fig.4

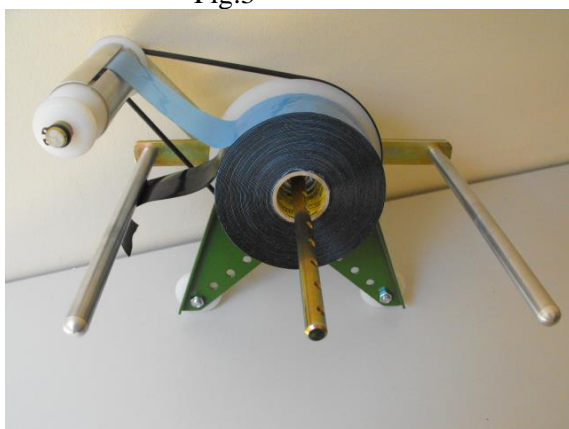


Fig.5

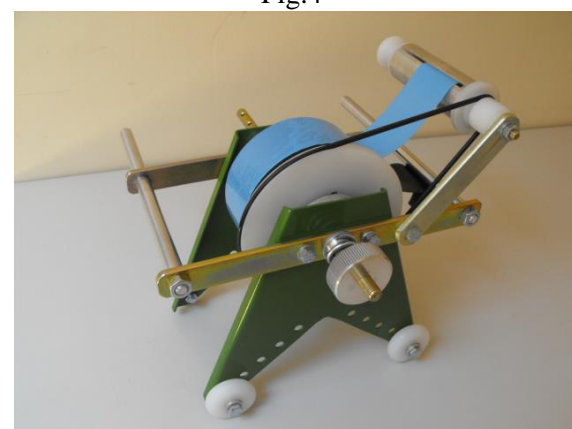


Fig.6

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### INSTRUCTION:

1. Place the wheels (8) with screwed axle in adequate holes (11) on the outside of the wrapping frame (1) and (2), on one level in such a way that the hand wrapping machine could easily move on the pipe surface on the wheels.
2. To install the tape, remove the cotter pin (10) from the spindle (4) and remove the movable arm (2).
3. Place the roll with the tape so that the slot goes into the core of the roll (5) of the fixed part of the frame (2).
4. Assemble the movable part of the frame (2), the socket of the core of tape (5a) of the movable part (2), so that the socket also fits into the core of the tape.
5. Place the locking pin in the pin with the appropriate hole (4).
6. Pre-tension the spring-friction clutch with the knob (9) fig. 2. Turn the knob (6) to the right -
7. it will increase the belt tension, turn it to the left - decrease it. The cotter pin must be firmly seated and fix the movable part of the frame (2).
8. Determine the correct size of the overlap, to achieve that do as follows:
  - a) loosen both wing nuts (7) - fig. 4,
  - b) turn part (2) of the frame to the right or left, depending on the required width of the overlap,
  - c) tighten both wing nuts (7),
  - d) place the hand wrapping machine on the pipe and mark (with a pencil or a thin marker pen) the position of one of the tapes (8) on the pipe surface,
  - e) make one full turn of the hand wrapping machine - keeping the rollers in constant contact with the pipe surface! Then mark the position of the previously selected tape (8) on the pipe and measure the distance between the positions of the tapes. Correct the setting as necessary by repeating the operations "a" to "e" until the required width is achieved.
9. Place the hand wrapping machine on the pipe, unwind a suitable section of the tape from the roll so that it can stick to the pipe surface on about 1/3 of the pipe circumference. Place the end of the separation pad in the roll cutout (4). Tension the spacer by turning the roller by hand. Fit the rubber strip (13) by placing it in the groove of the tape (4) - see fig. 6.
10. Pre-tension the spring friction clutch with the knob (6). Apply the tape by moving (rolling) the hand wrapping machine around the pipe. The rollers (8) must be in constant contact with the surface of the pipe. Constantly check the tape tension and if necessary adjust the clutch tension with the knob (9). Correct tension of the tape will reduce its width by 1-2%, the tape will not sway transversely and in the case of single-sided adhesive tapes, a moderate vibration noise will be produced. Inadequate tension of the tape also makes it impossible to maintain a constant overlap width.