



Product Information



Special advantages

- Constant tape tension
- Reproducible overlap
- For seams, bends and pipes

DEKOMAT[®] KGR - Junior

Hand wrapping machine for application of BUTYLEN-Tape systems on pipes, bends,

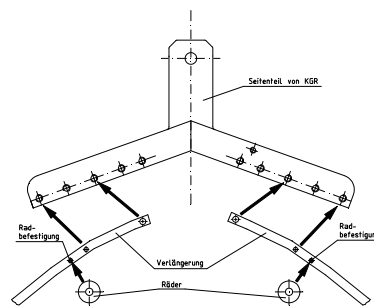
welded joints from DN 200 upwards.

Description

DEKOMAT KGR Junior is a manual wrapping machine used to wrap the cold applied BUTYLEN tapes spirally around pipes and bends.

The machine ensures constant wrapping tension and the required overlap.

DEKOMAT KGR Junior can be used for straight pipes, pipe bends and welded joints on steel pipes with diameters \geq DN 200. For pipe diameters $>$ 500 we recommend the use of extension arms (see illustration).



100 mm wide BUTYLEN tapes with 3" core can be applied with the DEKOMAT KGR Junior. Upon request we offer a special version for a tape width of 150 mm. The tape length on the roll depends on the tape thickness and is between 60 m and 120 m. DEKOMAT KGR Junior requires a clearance of at

least 40 cm around the full circumference of the pipe. DEKOMAT KGR Junior consists of an aluminium frame to which a sleeve (roll carrier spindle) is attached that is equipped with four longitudinally grooved mobile rollers; the tape roll is slid on the sleeve and fixed. The driving wheel and the wind-up mechanism for the BUTYLEN tape interleaving, if any, the adjusting screw for the infinitely variable control of wrapping tension and overlap and the four running wheels are mounted to the aluminium frame.

Weight: approx. 6.5 kg

Handling

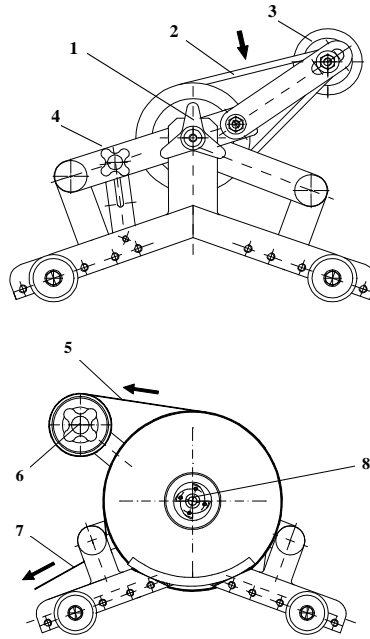
Insertion of BUTYLEN tape roll

Adjust the DEKOMAT running wheels to the pipe diameter. BUTYLEN tapes are supplied with or without interleaving.

Slide BUTYLEN tape roll onto the steel sleeve with its four integrated rollers. Thread the beginning of the BUTYLEN tape underneath the inter-leaving take-up reel, place it on the steel pipe and press it against the pipe. If there is a tape interleaving, wind it up on the empty plastics core. Adjust the interleaving draw-off tension with the star handle inside the interleaving take-up mechanism core.

Adjust and set the overlap of the BUTYLEN tape with the adjusting screw on the aluminium frame. Regulate the wrap-ping tension with the hand wheel.

Adjustments



- Adjust brake (1) so that tape width is reduced by max 1% during application.
- The interleaving (5) winding tension is adjusted by means of the star handle (6) to ensure faultless winding of the interleaving.
- The drive belt (2) is to be set with sufficient tension so that it does no slip during operation.
- Interleaving take-up reel (3).
- Overlap adjustment (4).
- Roll carrier spindle (8) for BUTYLEN-Tapes (7).

Tape Application

Set DEKOMAT KGR Junior on the primed dry pipe surface. Place and firmly press beginning of tape on pipe surface. When the DEKOMAT KGR Junior is drawn around the

pipe the four wheels must stay in contact with the pipe surface at all time. To wrap the lower pipe surface, the DEKOMAT KGR Junior is drawn down around the pipe and

up again on the other side of the pipe. Also in the lower pipe region the four running wheels of the DEKOMAT must always be in contact with the pipe surface.

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