

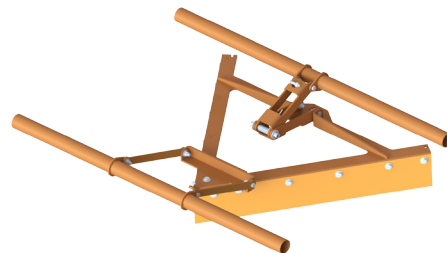
V Plough

You need following tools for installation:

- Cutting torch(Possibly if not available on the site)
- Boilermaker square.
- Boilermaker chalk.
- Hydraulic punch or magnetic drill.
- Tape measure.
- 2 x 19mm ring flat.
- 2 x 17mm ring flat
- 1 x ratchet spanner
- 1 x 19mm socket
- 1 x 17mm socket

PLEASE ENSURE THAT YOU ARE WEARING THE NECESSARY PPE BEFORE ATTEMPTING INSTALLATION

STEP 1: Often termed as pulley protection plough. Normally installed as protection for the tail pulley, may also be used as protection for the take up pulley or wherever required. Identify a suitable placement for the plough. The belt must be flat therefore supported by flat return rollers. The plough should not be placed on top of the rollers and should be at least 200mm from the rollers. This will ensure that the wear rate is even.



STEP 2: V ploughs used on belts wider than 1200 mm will have two support arms on the rear of the plough



INSTALLATION PROCEDURE

STEP 3: Once the suitable position is chosen place the V Plough onto the belt. Ensure that it does not interfere with other components on the belt and that it will be able to move freely during operation. Place the arms onto the structure and mark the holes needed for the clamp to secure the plough. The holes must be equidistant from each other in order to ensure that the plough rides correctly. The front and rear pipe must be parallel to each other.



STEP 4: Fasten the clamps and ensure that the plough is able to freely move in order to ride the belt.



STEP 5: The safety chain must be secured to the pipe. Measure and secure so that when the plough blade is worn there is no possibility of the metal parts of the plough making contact with the belt. Ensure that all the bolts and nuts on the entire plough are fastened. If possible run belt and test the effectiveness of the plough. Make adjustments as required.



INSTALLATION PROCEDURE

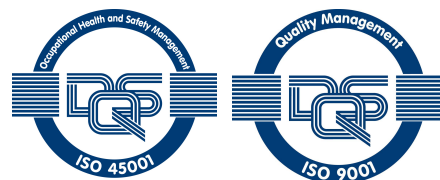
STEP 6: Make sure the tip is slightly elevated so that it does not dig into belt.



STEP 7: Final installed product



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