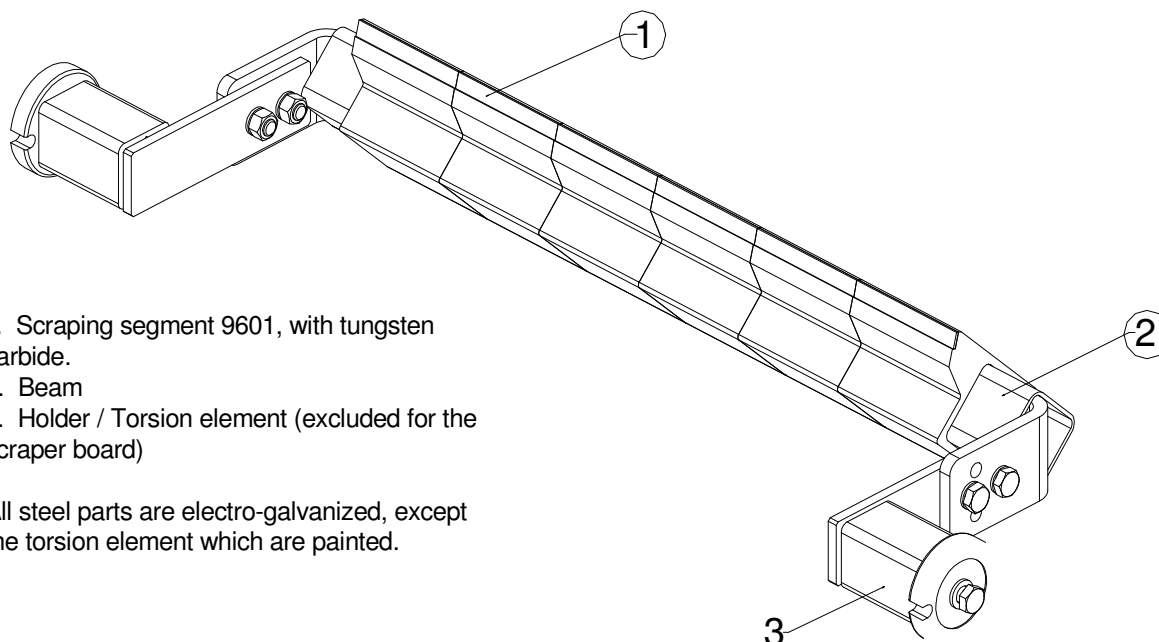


FITTING THE MOBILE SECONDARY SCRAPER 9600



1. Scraping segment 9601, with tungsten carbide.
2. Beam
3. Holder / Torsion element (excluded for the scraper board)

All steel parts are electro-galvanized, except the torsion element which are painted.

GENERAL INFORMATION

The Mobile 9600 is a secondary scraper with a hard-metal blade encapsulated in polyurethane. The Hampus is designed for heavy industry with stringent cleaning requirements. The scraper has a simple design with a minimum of moving parts.

IMPORTANT

In order to achieve the best scraping results, the following conditions must be met:

The conveyor belt must be free of damage. The conveyor belt must be flat. If the belt has a tendency to bulge, fit a return roller (sheet-metal roller) a few decimetres from the scraper.

The scraper must not be fitted to reversible conveyors.

The scraper must not be fitted to chevron belts or belts with mechanical joints.

Max. belt speed: 2.3 m/s

Max. temperature: + 50°C in wet environments

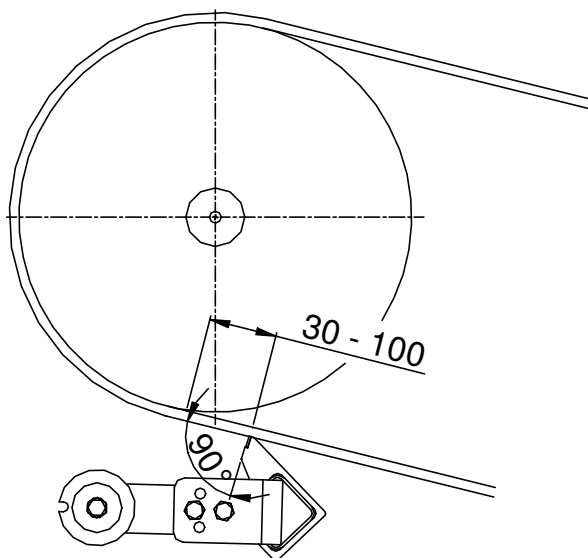
Max. temperature: + 85°C in dry environments (ambient temperature + frictional heat)

CAUTION

Always turn off the belt conveyor before installing or carrying out maintenance on the scraper. Make sure that the belt cannot start while this work is in progress.

FITTING

1.	The scraper is placed below the drive pulley with the hard-metal tip as shown in the drawing below.
2.	Make sure that the hard-metal blade is in 90° degrees to the conveyor belt and at a distance between 30 - 100 mm from the point where the belt leaves the head-pulley.
3.	Manufacture two steel plates with holes for the bolts on the blue tension segment.
4.	Weld the steel plates to the conveyor frame.
5.	The scraper is bolted to the mounting plates using the bolts supplied
6.	Set the blue torsion elements (3) using a pipe wrench – equally much on each side.
7.	Tighten the bolts on the outside.
8.	Try to find the optimal scraping effect.



MAINTENANCE

Inspect and clean the scraper regularly– we suggest once a week.

When 1 mm of the hard metal remains, change all the segments.

Readjust the scraper pressure so as to achieve optimal cleaning. There must be no vibrations or noise. However, vibrations may arise when the belt is run without material or when the belt has a coating of resin. In the long term, vibrations may result in cracking of the beam. These must therefore be eliminated. Try therefore:

..... changing the angle of the blade against the belt a few degrees

..... changing the pressure of the blade against the belt.

..... making a more robust attachment to the frame.

..... increasing the mass of the beam by, for example, fitting a small lever arm to the beam.

WARRANTY

Damage to the scraper caused by incorrect handling or in connection with incorrect installation cannot be considered to be covered by warranty if these instructions have not been followed. We therefore accept no claims for any consequential damage or loss.