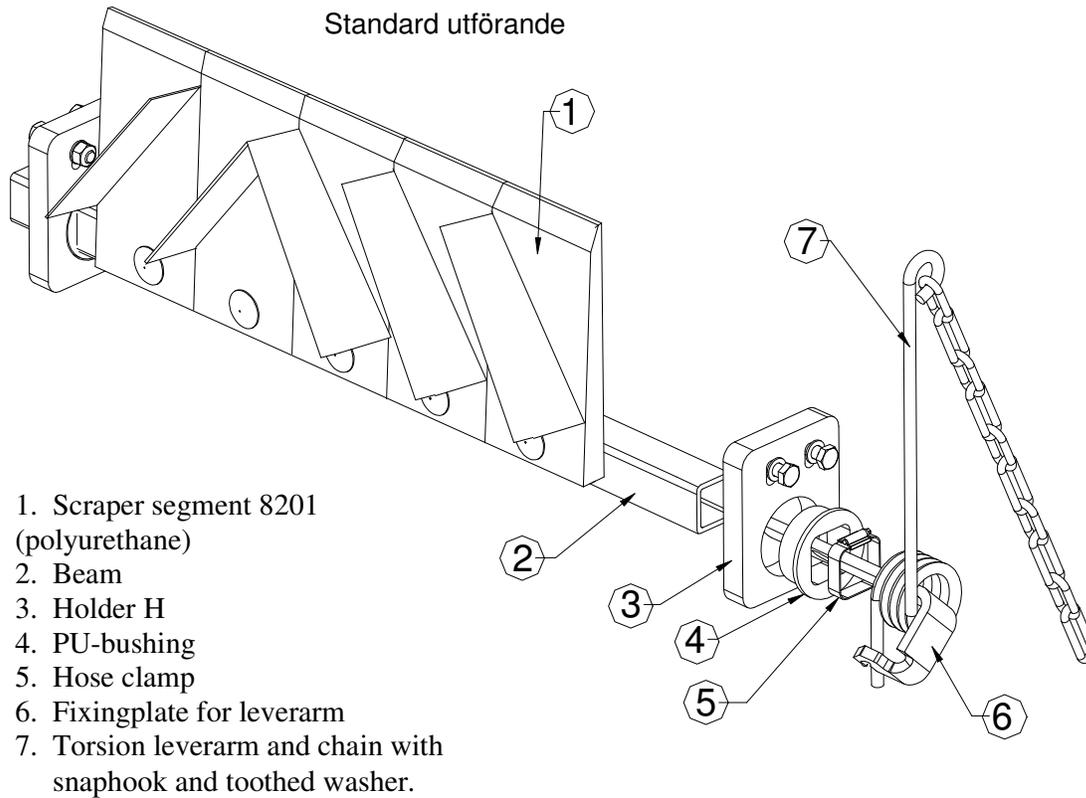


## FITTING THE PULLEY SCRAPER 8200



### GENERAL INFORMATION

The scraper cleans the return pulley and avoids materials built up on the pulley

The Pulley Scraper 8200 is built up of 100 mm wide segments that are moulded in polyurethane.

The scraper segments are available in two designs – with wings that are directed towards the right and with wings directed towards the left.

### IMPORTANT

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

The return pulley must be at least  $\varnothing$  300 mm

The pulley must be free of damage

The speed of the belt should not be higher than that particles such as stones that go round on the pulley strike the slanting wings and are thereby moved sideways until they fall off the belt.

Max. temperature: + 50°C in wet environments

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

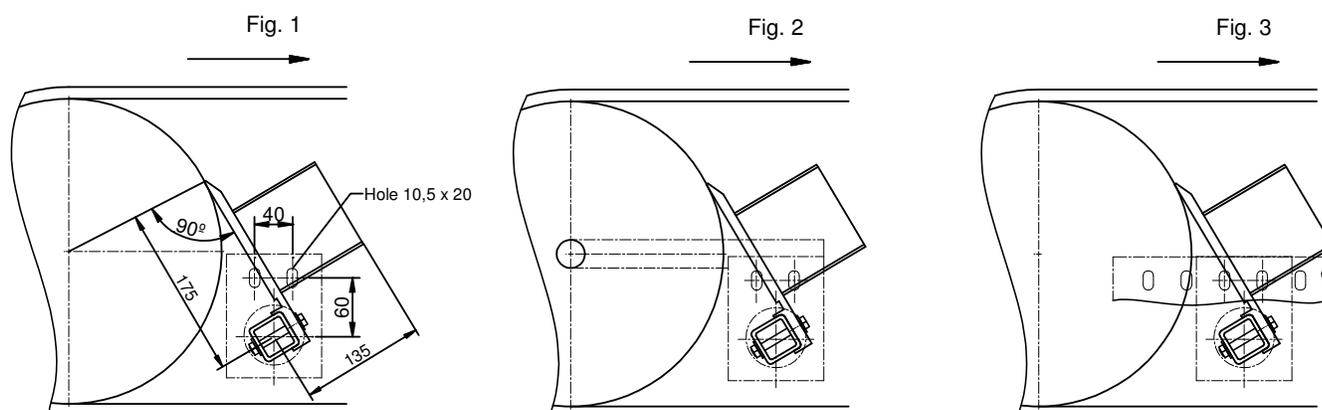
### CAUTION

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 pulley scraper is placed against the return pulley as in Fig. 1.
2.	Place the beam at a suitable height above the belt so that material such as stones does not catch between the beam and belt.
3.	Slip the holders (3), the PU-bushes (4) and the hose clamps (5) onto the beam (2).
4.	Make two mounting plates (=flat bars with two holes $\text{\O}11$ mm) and weld these to the frame. We suggest attaching them in the vicinity of the return pulley bearings. It is important that the scraper follows the pulley when the belt is tensioned. An alternative arrangement is an attachment whereby the holders are moved when the location of the return pulley is changed.
5.	Bolt the holders (3) to the mounting plates.
6.	Centre the scraper on the pulley and lock the beam laterally using the hose clamps. Cut the beam to a suitable length.
7.	Mount the Torsion lever arm (7) onto the fixing plate (6). Make sure that the short spring pin locks in the notch on the fixing plate.
8.	Insert the fixing plate (6) into the end of the beam (2). Drill a hole ( $\text{\O}7$ mm) right through the square tube and lock the fixing plate (6) using an M6 x 50 mm bolt.
9.	Weld the toothed washer to the conveyor frame. Set the lever arm (7) and hook the snap hook onto the toothed washer. Find the optimal pressure by trial – the pressure of the blade against the pulley should be low.



## MAINTENANCE

Inspect and clean the scraper regularly– at least once a week. PLEASE NOTE: Turn off the belt.

## 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.*