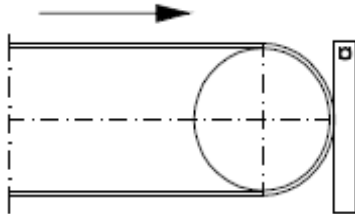


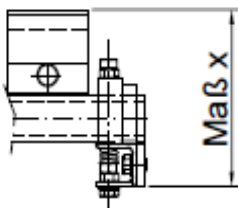
## Installation Front Cleaner

1. First of all you have to fix the centre of the drum.  
As an optimum means of measurement you are advised to use a spirit level.



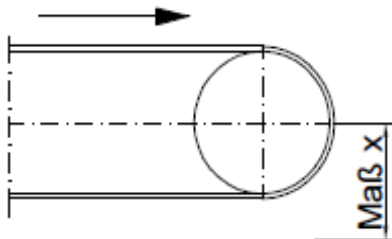
Please use the spirit level in the way that the bubble is in the centre of the upper level.  
Please mark the point of label on the drum.

2. Please measure the complete height of the scraper.



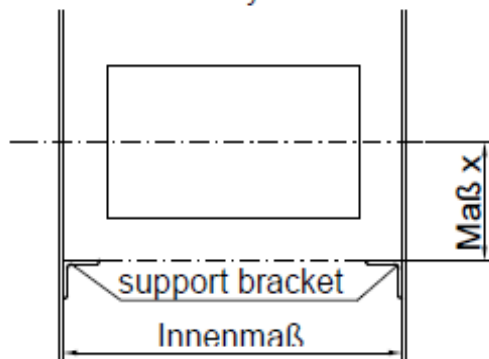
Upper edge - hard metal - lower flange - holding device

3. Please transmit the measure X to the previously marked drum.



Please mark the measure X at the inner wall of the chute.

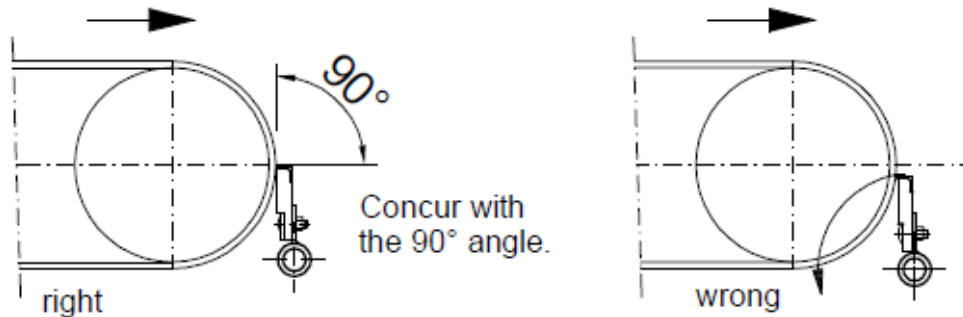
4. A support bracket is fitted at the right and left sides of the chutes as an assembly device.

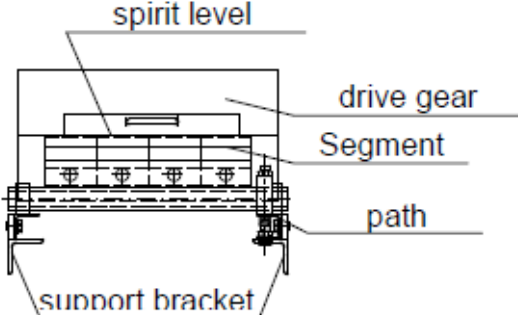


5. Please cut the support tube according to the inner measure reduced by 20 mm.

6. Put the bracket on the end of the support tube.  
Please set the complete scraper on the auxiliary angle.

7. Please align the drum scraper so that all the segments lie close to the drum.  
 Attention!! Please always take care, that the cutting edge of hard metal lies  
 In case that the installation is realized too low,  
 the scraper rebounds and causes a damage.



8.  Please control with help of the spirit level whether the scraper is in a horizontal position.

9. When it is secured, that the scraper is aligned according to position 7 + 8 weld the brackets at the chutes (construction, chute)

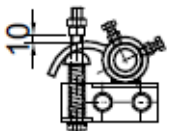
10. Stretching the pressure spring



Please align the scraper close to the drum











Please press the pressure spring by means of a nut and then torque the tube set screws. Now the tube is tightened.








Then loose the nut so that the distance between lever arm and nut comes to a minimum of 10 mm.  
 Then secure them with the check nuts.

The pressure spring allows the scraper to be constantly in contact with the drum.  
 A trial run should always take place in order to ensure that the scraper runs without any problems

### Instruction for changing segments

	<p>Shut off the conveyor belt system and secure against restart.</p> <p>Loosen the lock nut and screws on the spring tension side.</p>
	<p>Release support tube with segments from the conveyor belt</p>
	<p>Remove protective caps.</p>
	<p>Loosen the screws</p>
	<p>Change segments sequentially</p>
	<p>Tighten screws firmly.</p>
	<p>Make sure to align all segments.</p>
	<p><b>WRONG !</b> Carbide may brake ! No large gaps !</p>

	<p>Press the spring together using the nut</p>
	<p>Press the scraper tot he pulley by using hand force</p>
	<p>Retaining screws to tighten spring tension side and lock with nut.</p>
	<p>Tension the scraper by unscrew the nut.</p>
	<p>Lock the tension by using the locking nut. Thus, the scraper can be readjusted in case of wear is a gap of about 5 mm are proposed. Do not line gap substantially larger, since this system uses a autoblock so that it cannot lead to any damage to the belt.</p>

## IMPORTANT

In order to achieve the best scraping results, the following conditions must be met: The conveyor belt must be free of damage. The belt may otherwise catch on the scraper segments (1), resulting in a breakdown.

Make sure that large pieces of material cannot bounce up and catch between the belt and the beam (2), causing damage to the belt.

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

Max. temperature: + 270°C in wet environments

The hard-metal blade must be fitted at an angle of 90° to the belt.

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

When 1 mm of the tungsten-carbide blade remains, change all the segments (1). 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 slightly of the blades against the belt.
- ..... changing the pressure of the blades against the belt.
- ..... making a more robust attachment to the frame.
- ..... increasing the mass of the beam (2) by, for example, fitting a small weight 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.***