



SQC2™ SAF™ Secondary Cleaner



Operating Instructions Part 2

Version: 0
Language: ENG
M3820E UK 2026-01 SQC2 SAF

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NOTE

Before starting work on the cleaner or the conveyor, part 1 and 2 of these operating instructions must be read and understood completely

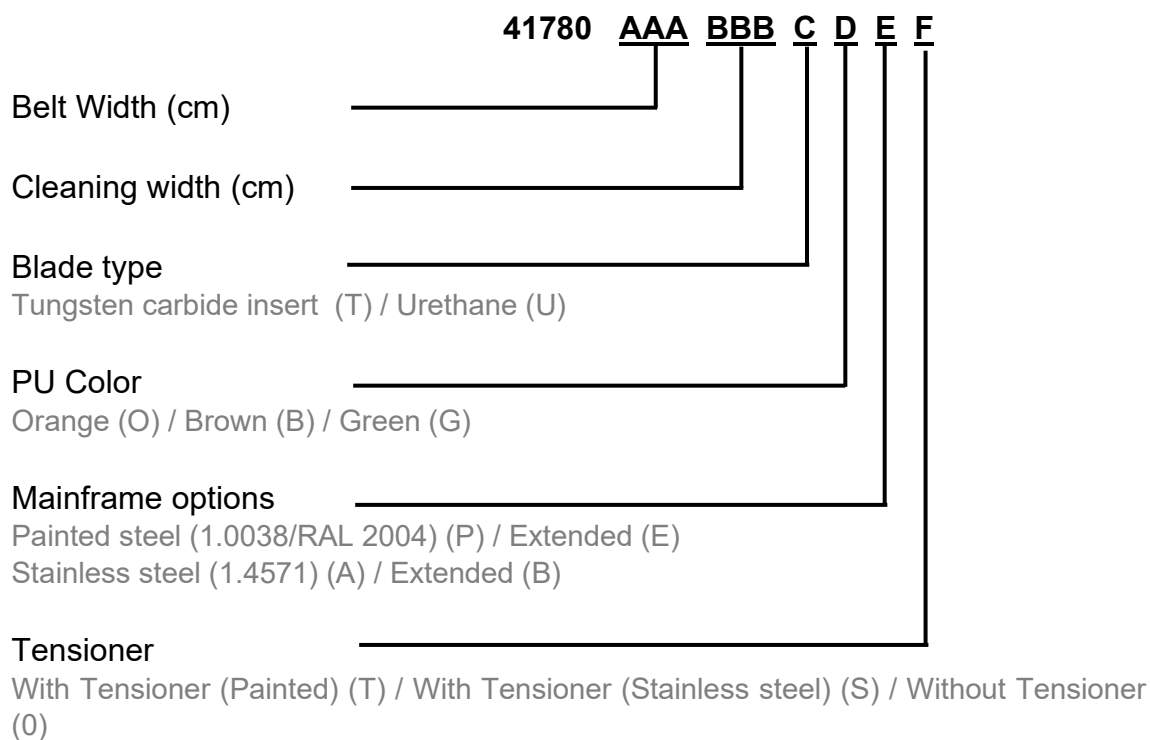
These operating instructions apply solely for cleaners and are intended for those persons who install cleaners, commission them, and monitor their usage.

The operating instructions must be kept for the lifetime of the cleaners and must be made available in an orderly condition to all persons entrusted with work with and on the cleaners.

Part 1 of the operating instructions, which is provided separately, is an integral part of these operating instructions.

1 General

1.1 Part number



Tensioner **SQC2-35701+E**
SQC2-35701-SS+E

1.2 Technical Data

The cleaner is suitable for the following operating parameters:

	Operating parameter
Belt widths:	500 – 2.400 mm
Belt speed:	Max. 3,5 m/s
Temperature range:	-40 - 150 °C depending on PU type
Reversing operation	No
Rollback	Possible but has no cleaning effect

2 Installation

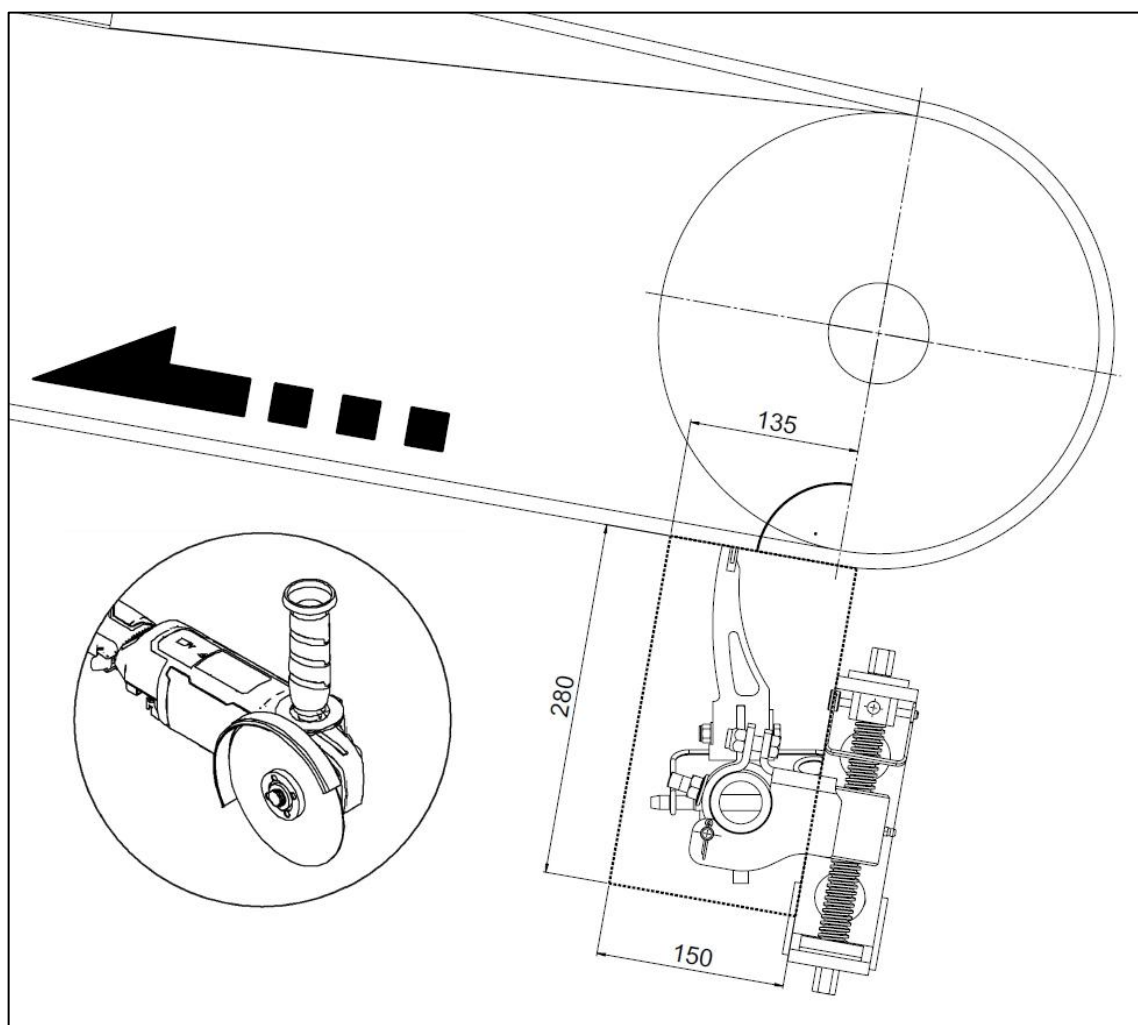


NOTE

For a general description of cleaner installation, refer to part 1 of these operating instructions.

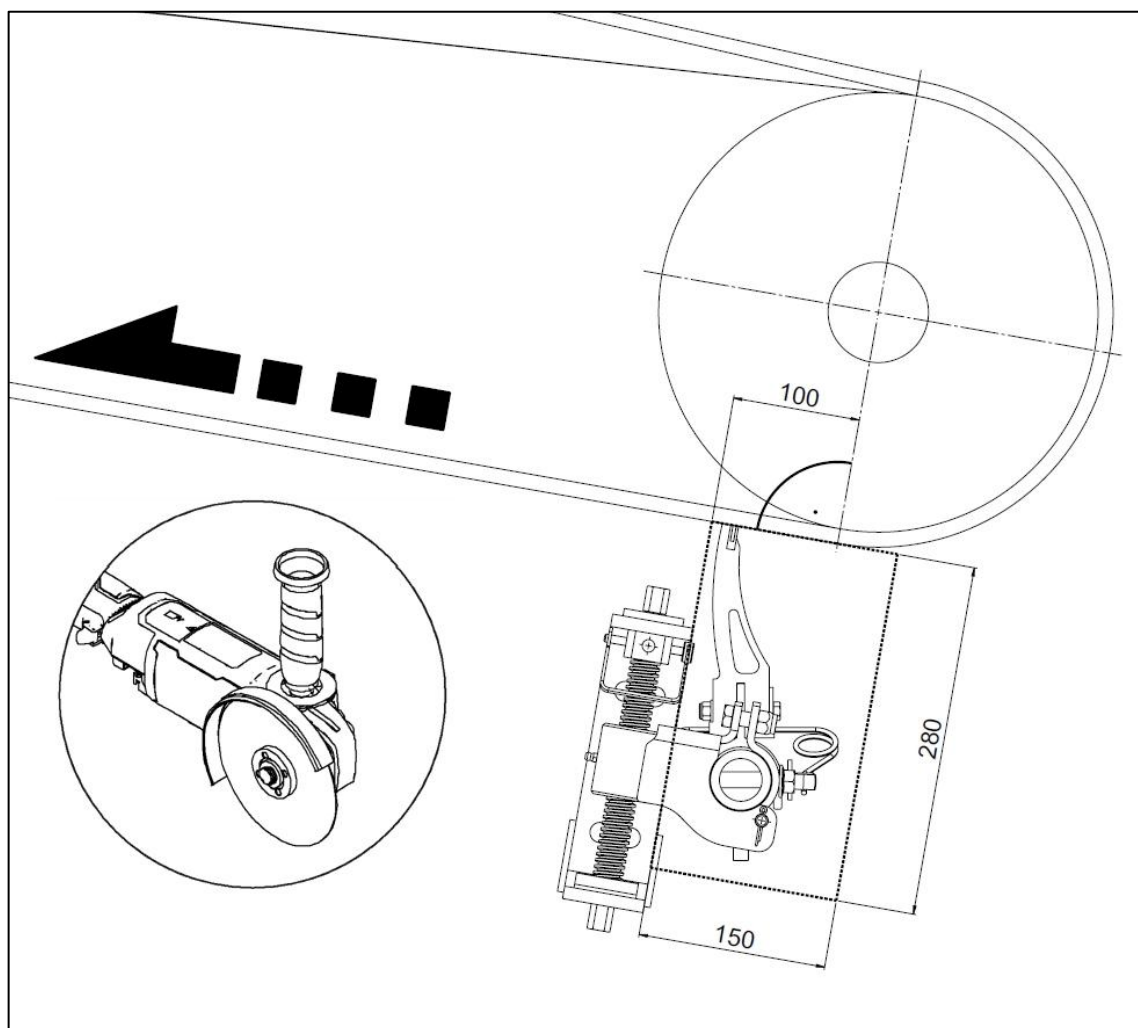
2.1 Determining the installation position

The minimum dimensions of the cut-outs in the enclosure are shown here so that the cleaner can be easily installed and maintained

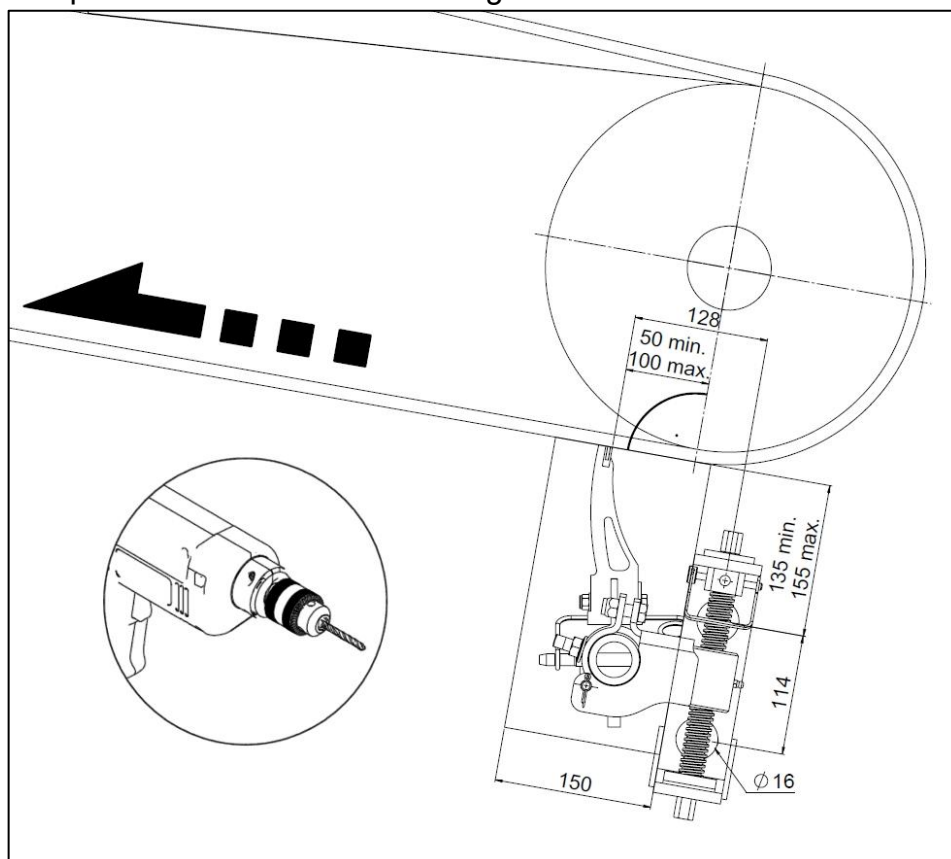


The tensioner can be mounted in two directions, before the mainframe and alternatively after the mainframe.
However, the installation position should be the same on both sides.

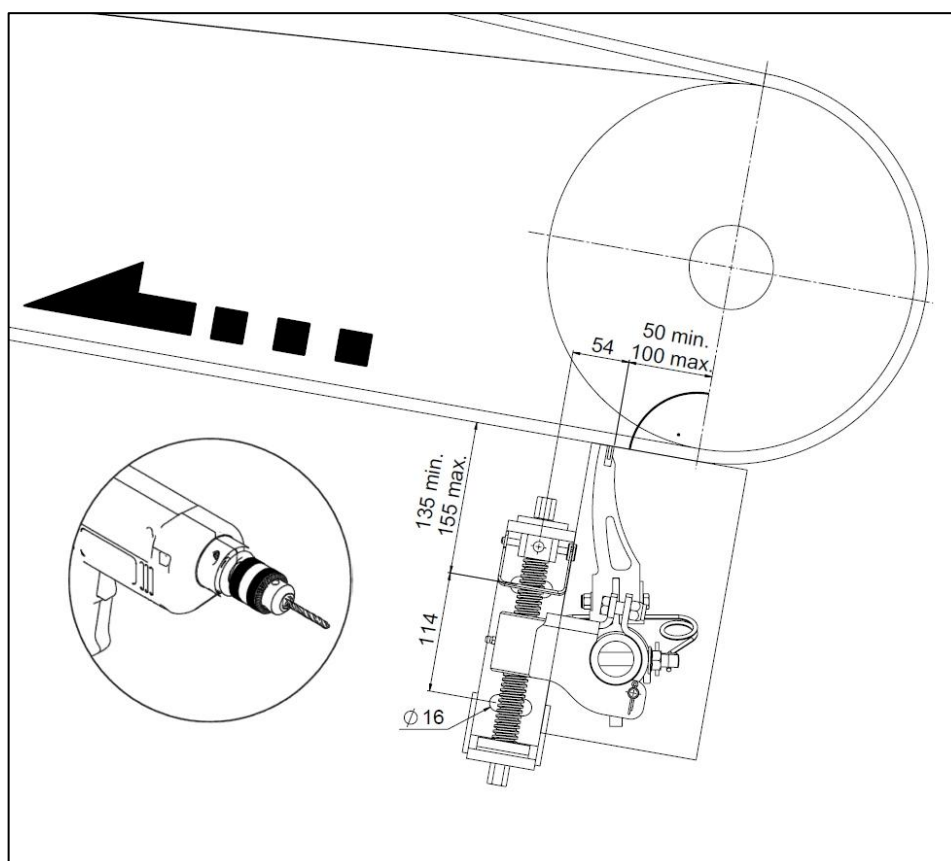
The alternative installation position is therefore as follows



The position of the holes for bolting the tensioners to the enclosure

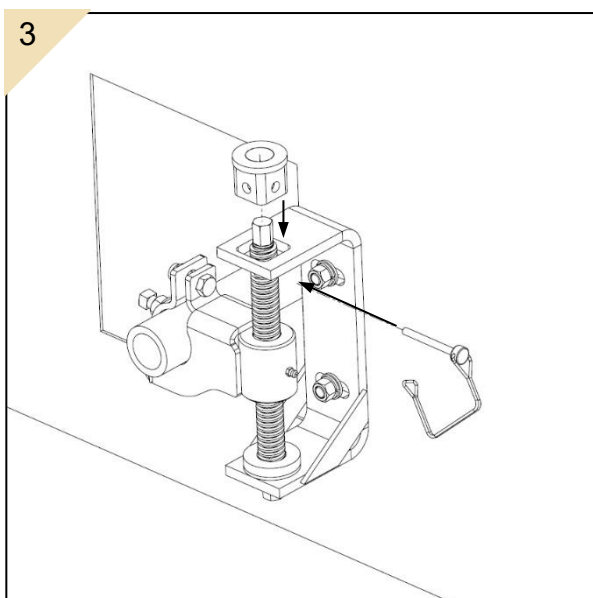
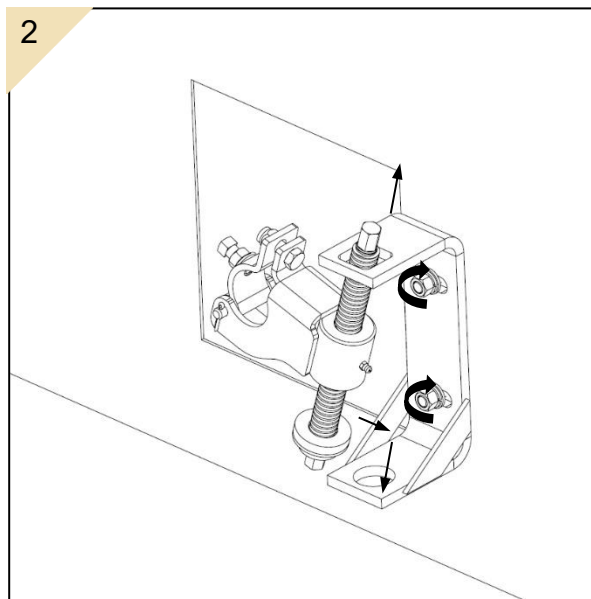
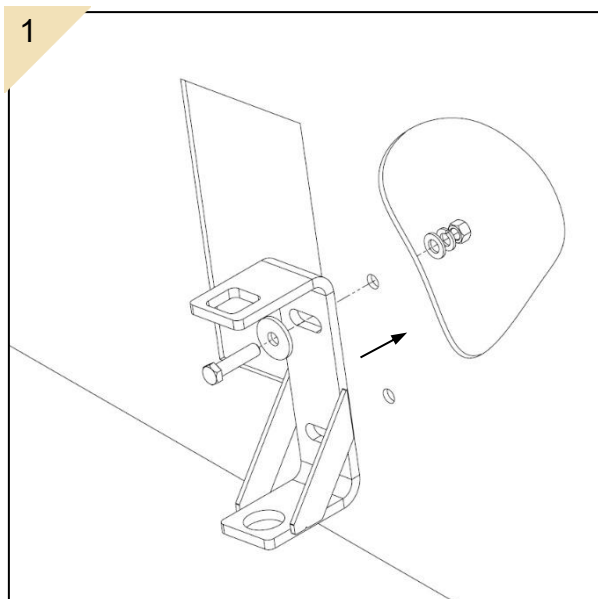


Alternatively

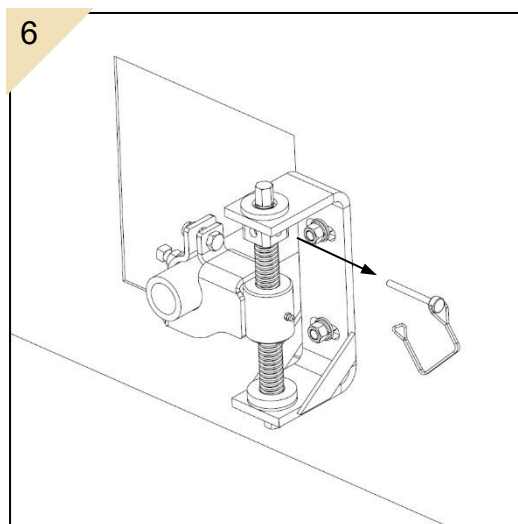
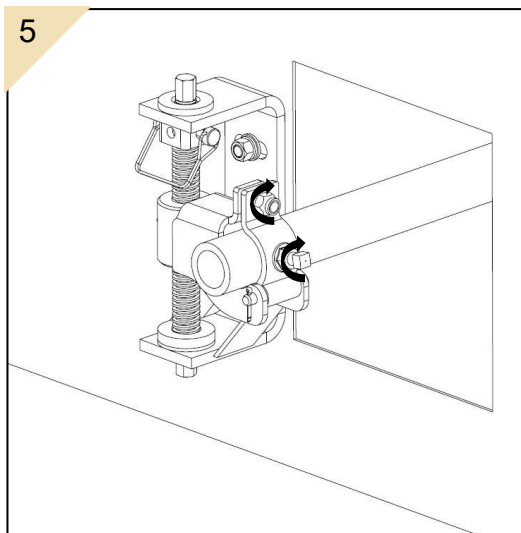
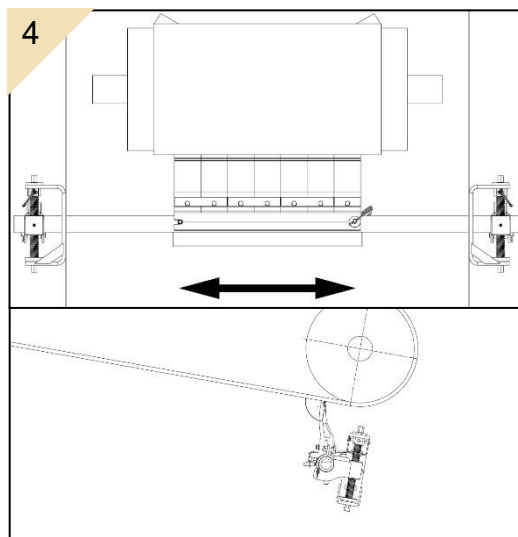
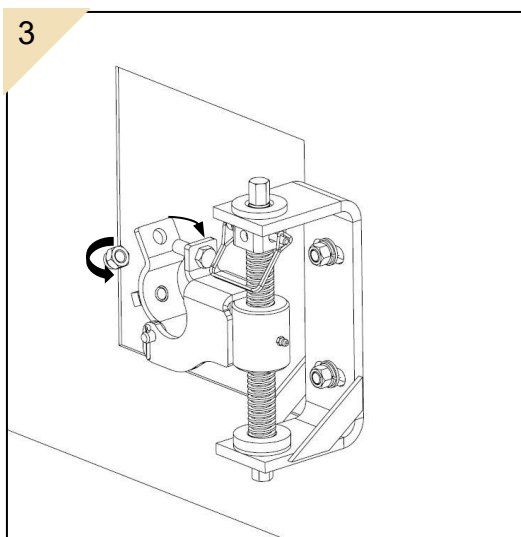
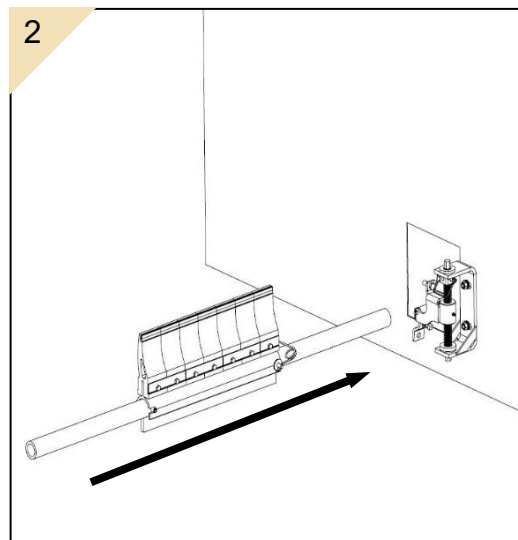
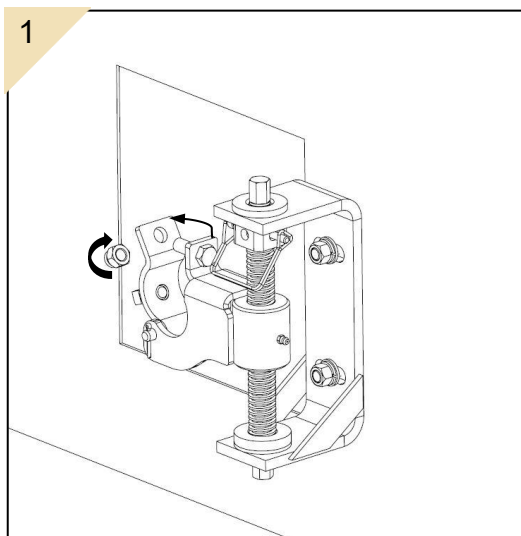


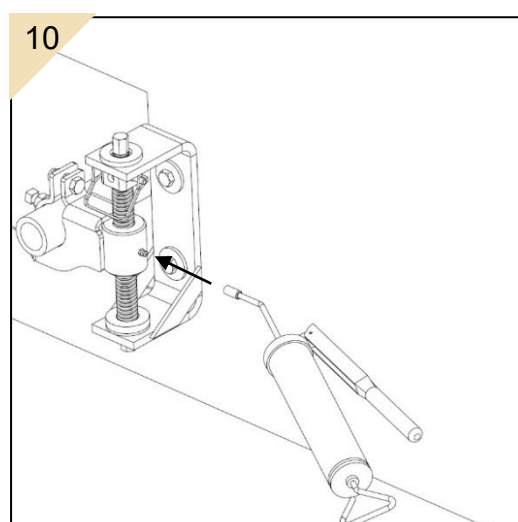
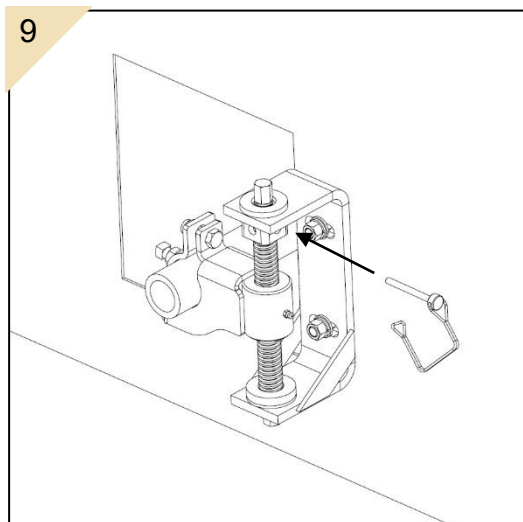
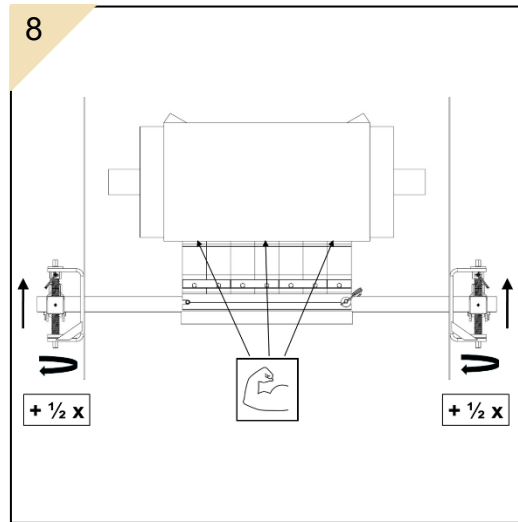
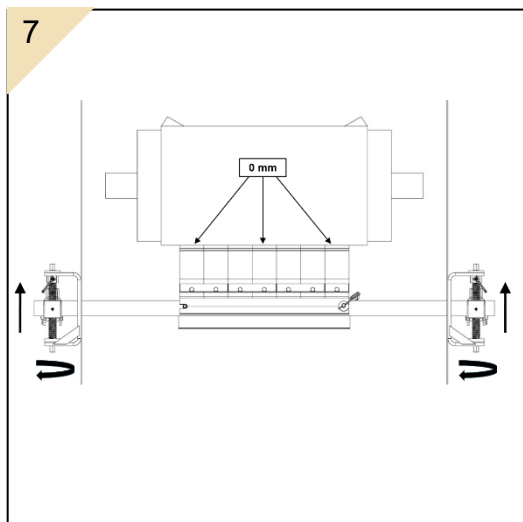
2.2 Installing the tensioner

The variant shown here is the Tensioner before Mainframe. The same applies to the Tensioner after mainframe variant (Alternative)



2.3 Installing the cleaner





Lubricant requirement

MoS₂

Operational range up to min.
121°C

Good chemical stability

Long-term resistance to UV and
humidity

Very low coefficient of friction

2.4 Placing labels

2.4.1 Safety label

The safety label below must be attached to the conveyor system in the immediate vicinity of the cleaner:



2.4.2 Other labels

The labels below are attached to the product:

1. Sticker showing the address of the Martin Engineering branch and the designation of the product
2. A sticker containing the tension values for the respective tensioner

3 Scope of delivery and spare part

Baugr. Teile-Nr. Assy P/N	Bandbreite Belt width	DIM "A"	DIM "B"	DIM "C"	Teile-Nr. Pos. P/N Item	Teile-Nr. Pos. P/N Item	Beschreibung / Description	Teile-Nr./P/N s.T/s.C
41780-050038XXXX	500	382	1300	1700	41781-050X	41742-05038XXX	SQC2 Hauptträger / SQC2 Mainframe	s.T/s.C
41780-060046XXXX	600	457	1400	1800	41781-060X	41742-06046XXX	SAF3 Blattharfusche / SAF3 blade cartridge	s.T/s.C
41780-065053XXXX	650	533	1450	1850	41781-065X	41742-06553XXX	Federstift geschliffzt 7/16" / Spring pin	33840
41780-075061XXXX	750	610	1550	1950	41781-075X	41742-07561XXX	Sicherungsstift mit Bügel Ø 12 / Safety pin w/ clamp	33841
41780-080069XXXX	800	686	1600	2000	41781-080X	41742-08069XXX	Drahtseil Ø 1 mm / Cable	40181
41780-090069XXXX	900	686	1700	2100	41781-090X	41742-08069XXX	Kabelklemme für 1 mm Drahtseil / Cable clip	40182
41780-100076XXXX	1000	762	1800	2200	41781-100X	41742-10076XXX	SQC2 Spannvorrichtung / SQC2 Spring tensioner	s.T/s.C
41780-105084XXXX	1050	838	1850	2250	41781-105X	41742-10584XXX		
41780-120099XXXX	1200	991	2000	2400	41781-120X	41742-12099XXX		
41780-135114XXXX	1350	1143	2150	2550	41781-135X	41742-135114XXX		
41780-140122XXXX	1400	1220	2200	2600	41781-140X	41742-140122XXX		
41780-150130XXXX	1500	1295	2300	2700	41781-150X	41742-150130XXX		
41780-160137XXXX	1600	1372	2400	2800	41781-160X	41742-160137XXX		
41780-165149XXXX	1650	1448	2450	2850	41781-165X	41742-165149XXX		
41780-180160XXXX	1800	1600	2600	3000	41781-180X	41742-180160XXX		
41780-200183XXXX	2000	1829	2800	3200	41781-200X	41742-200183XXX		
41780-210191XXXX	2100	1905	2900	3300	41781-210X	41742-210191XXX		
41780-220198XXXX	2200	1981	3000	3400	41781-220X	41742-220198XXX		
41780-240221XXXX	2400	2210	3200	3600	41781-240X	41742-240221XXX		

Pos./Item	Anz./Qty	Beschreibung / Description	Teile-Nr./P/N
1	1	SQC2 Hauptträger / SQC2 Mainframe	41780-XXXXXXT0XX
2	1	SAF3 Blattharfusche / SAF3 blade cartridge	41781-XXXX
3	1	Federstift geschliffzt 7/16" / Spring pin	41780-XXXXXXEXX
4	1	Sicherungsstift mit Bügel Ø 12 / Safety pin w/ clamp	41781-XXXX
5	1	Drahtseil Ø 1 mm / Cable	41780-XXXXXXEXX
6	2	Kabelklemme für 1 mm Drahtseil / Cable clip	41781-XXXX
7	1	SQC2 Spannvorrichtung / SQC2 Spring tensioner	41780-XXXXXXBX

Baugr. Teile-Nr. Assy P/N	Teile-Nr. Pos. 1 P/N Item 1
41780-XXXXXXEXX	41781-XXXX
41780-XXXXXXEXX	41781-XXXX
41780-XXXXXXEXX	41781-XXXX
41780-XXXXXXEXX	41781-XXXX

Baugr. Teile-Nr. Assy P/N	Teile-Nr. Pos. 2 P/N Item 2
41780-XXXXXXT0XX	Orange (tungsten carbide)
41780-XXXXXXT1BXX	Brown (tungsten carbide)
41780-XXXXXXT1GXX	Green (tungsten carbide)
41780-XXXXXXT1UXX	Orange (Urethane)
41780-XXXXXXUBXX	Brown (Urethane)
41780-XXXXXXUGXX	Green (Urethane)

Baugr. Teile-Nr. Assy P/N	Teile-Nr. Pos. 7 P/N Item 7
41780-XXXXXXEXX	SQC2-35701+E
41780-XXXXXXEXX	SQC2-35701-SS+E

Spannvorrichtung / Tensioner

41780-10076TXXXX

41780-aaabbbccdd	Bandbreite Belt width	DIM "A"	DIM "B"	DIM "C"	Teile-Nr. Pos. P/N Item	Teile-Nr. Pos. P/N Item	Beschreibung / Description	Teile-Nr./P/N s.T/s.C
a	mm	mm	mm	mm	1	1	SQC2 Hauptträger / SQC2 Mainframe	s.T/s.C
b	mm	mm	mm	mm	2	2	SAF3 Blattharfusche / SAF3 blade cartridge	s.T/s.C
c	mm	mm	mm	mm	3	3	Federstift geschliffzt 7/16" / Spring pin	33840
d	mm	mm	mm	mm	4	4	Sicherungsstift mit Bügel Ø 12 / Safety pin w/ clamp	33841
e	mm	mm	mm	mm	5	5	Drahtseil Ø 1 mm / Cable	40181
f	mm	mm	mm	mm	6	6	Kabelklemme für 1 mm Drahtseil / Cable clip	40182
g	mm	mm	mm	mm	7	7	SQC2 Spannvorrichtung / SQC2 Spring tensioner	s.T/s.C

Option	Code	Description
Blade color	O: Orange	
	B: Brown	
	G: Green	
Mainframe options	P: Painted (RAL 2004)	
	E: Extended - Painted (RAL 2004)	
	A: Stainless steel (1.4571)	
	B: Extended - Stainless steel (1.4571)	
Tensioner options	Ø: without tensioner	
	T: with tensioner	
	S: Inclinier Stainless steel (1.4571)	

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