



Martin® QC1+™ Cleaner HD MT



Operating Instructions Part 2

Version: 0
Language: ENG
M9010E UK 2025-01 QC1+HDMT

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NOTE

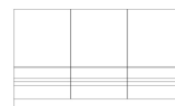
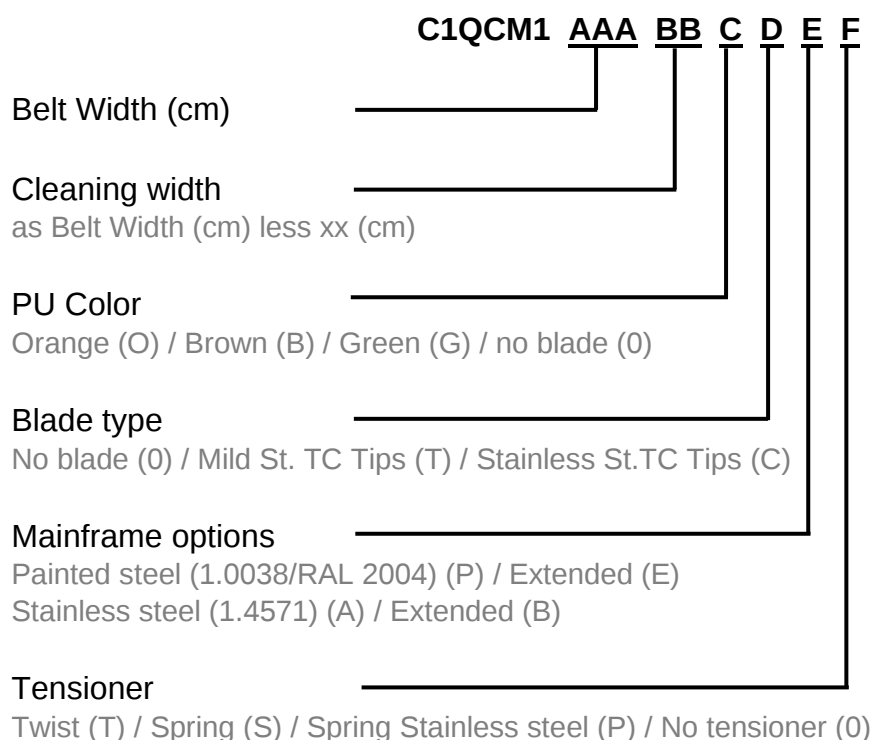
Before starting work on the cleaner or the conveyor, part 1 and 2 of these operating instructions must be read and understood completely

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.

1.1 Part number



OR

BR

GR

1.2 Technical Data

The cleaner is suitable for the following operating parameters:

	Operating parameter
Belt widths:	500 – 2.400 mm
Pulley diameter:	300 - 600 mm
Belt speed:	Max. 4,6 m/s
Temperature range:	-40 - 150 °C depending on PU type
Reversing operation:	Possible but has no cleaning effect

1.3 Locally valid product variants

Herein shown are generally valid product variants. The products may show minor design deviations depending on the location of delivery.

When identifying part numbers for individual components and spare parts, always use the locally valid product information and drawings.

If in doubt, please contact your local Martin Engineering representative.

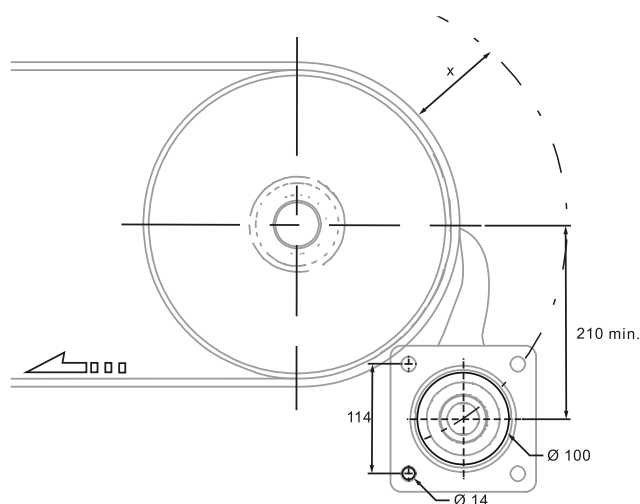
2 Installation



NOTE

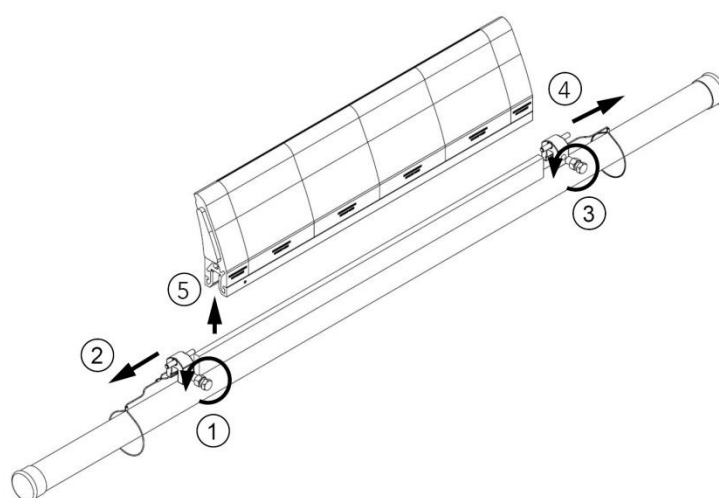
For a general description of cleaner installation, refer to part 1 of these operating instructions.

2.1 Determining the installation position

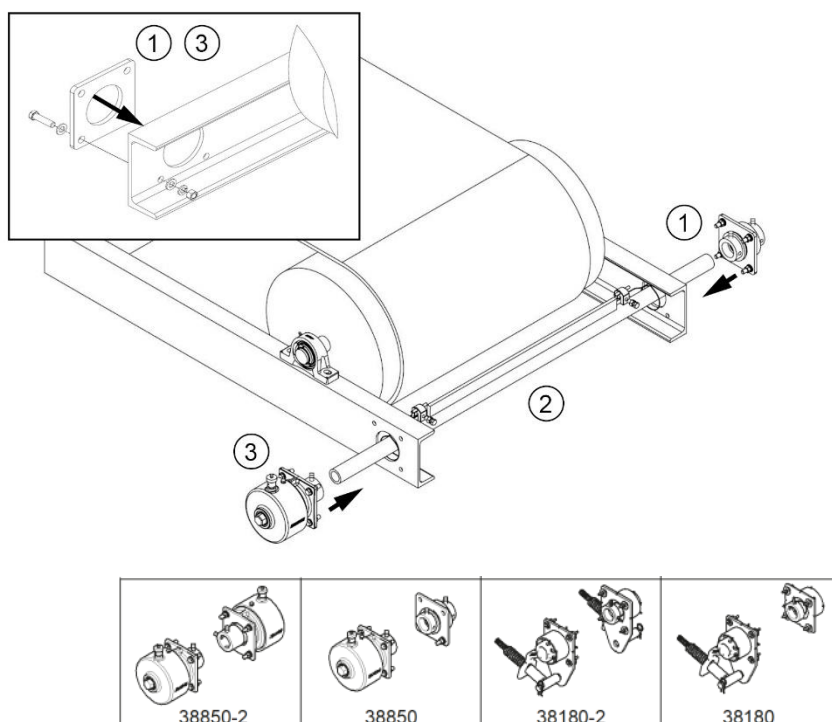


Pulley diameter* in mm	X in mm
300-375	114
376-475	102
476-600	89
*(Including pulley lining and conveyor belt)	

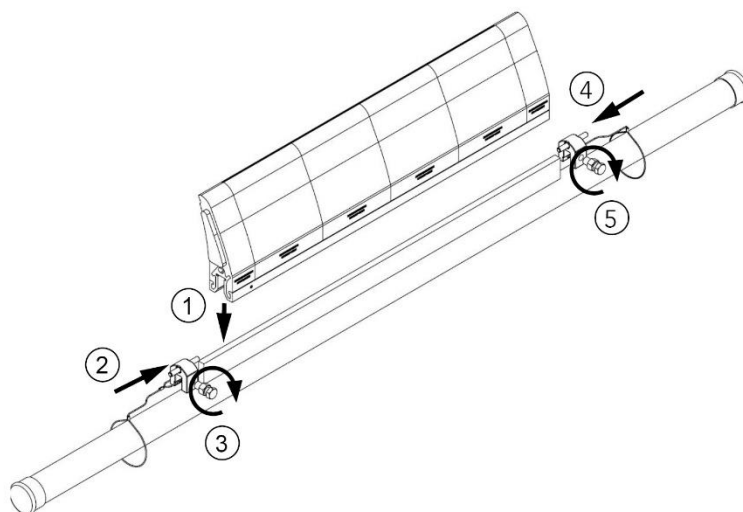
2.2 Preparing the cleaner



2.3 Installing the tensioner



2.4 Installing the cleaner

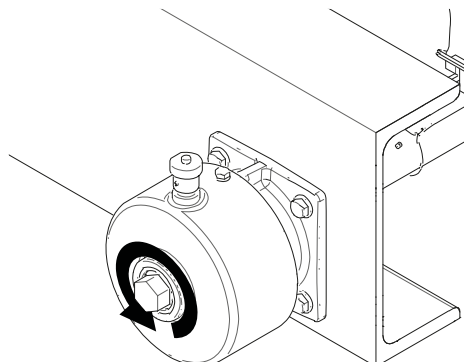


Note: The width of the blade should be adjusted to the width of the material on the belt. The QC1+ blades can be shortened to any width by cutting them off.

2.5 Tension values of twist tensioner 38850-...

Belt width mm	Number of notches (clicks)
500	2
650	3
800	3
1.000	4
1.200	5
1.400	6
1.600	3*
1.800	4*
2.000	5*
2.200	5*
2.400	6*

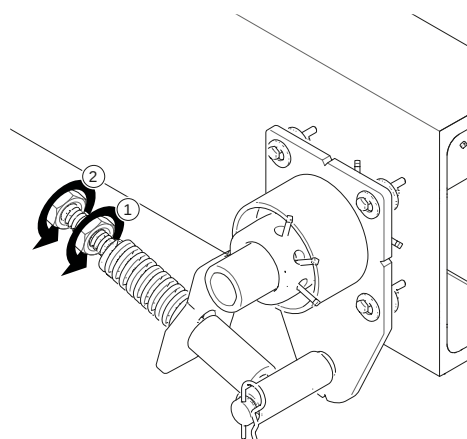
*Per tensioner; Dual tensioners are needed



2.6 Tension values of spring tensioner 38180-...

Belt width mm	Compression spring length in mm
500	92
650	90
800	86
1.000	83
1.200	79
1.400	76
1.600	86*
1.800	86*
2.000	83*
2.200	79*
2.400	76*

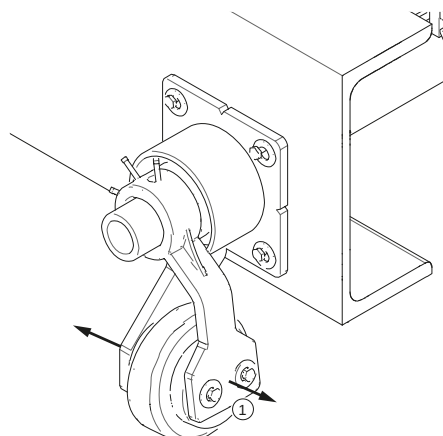
*Per tensioner; Dual tensioners are needed



2.7 Tension values of air tensioner 32745-...

Belt width mm	Compressed air pressure in bar
500	0,4
650	0,6
800	0,8
1.000	1,0
1.200	1,2
1.400	1,4
1.600	0,8*
1.800	0,9*
2.000	1,1*
2.200	1,2*
2.400	1,4*

*Per tensioner; Dual tensioners are needed



2.8 Placing labels

2.8.1 Safety label

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



2.8.2 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

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3.2 Blades

BLADE CHART FOR BLADES WITH MILD STEEL TC HOLDER				BLADE CHART FOR BLADES WITH STAINLESS STEEL TC HOLDER			
PART NO	COLOR	ITEM 2 P/N	ITEM 3 P/N	PART NO	COLOR	ITEM 2 P/N	ITEM 3 P/N
C1C0MB5XXSXXOTX	ORANGE	C1C0MB20	38667-ORANOR	C1C0MB5XXSXXOCX	ORANGE	C1C0MB20	38667-ORCGR
C1C0MB5XXSXXBXTX	BROWN	C1C0MB20	38667-ORANOR	C1C0MB5XXSXXBXCX	BROWN	C1C0MB20	38667-ORCGR
C1C0MB5XXSXXGTX	GREEN	C1C0MB20	38667-ORANOR	C1C0MB5XXSXXGXCX	GREEN	C1C0MB20	38667-ORCGR

BLADE CHART FOR BLADES WITH MILD STEEL TC HOLDER				BLADE CHART FOR BLADES WITH STAINLESS STEEL TC HOLDER			
PART NO	COLOR	ITEM 2 P/N	ITEM 3 P/N	PART NO	COLOR	ITEM 2 P/N	ITEM 3 P/N
C1C0MB5XXSXXOTX	ORANGE	C1C0MB20	38667-ORANOR	C1C0MB5XXSXXOCX	ORANGE	C1C0MB20	38667-ORCGR
C1C0MB5XXSXXBXTX	BROWN	C1C0MB20	38667-ORANOR	C1C0MB5XXSXXBXCX	BROWN	C1C0MB20	38667-ORCGR
C1C0MB5XXSXXGTX	GREEN	C1C0MB20	38667-ORANOR	C1C0MB5XXSXXGXCX	GREEN	C1C0MB20	38667-ORCGR

P/N	ITEM 3 P/N	ITEM 2 P/N	ITEM 1 P/N	ITEM 4 P/N	ITEM 5 P/N	ITEM 6 P/N	ITEM 7 P/N	ITEM 8 P/N	ITEM 9 P/N	ITEM 10 P/N	ITEM 11 P/N	ITEM 12 P/N	ITEM 13 P/N	ITEM 14 P/N	ITEM 15 P/N	ITEM 16 P/N	ITEM 17 P/N	ITEM 18 P/N	ITEM 19 P/N	ITEM 20 P/N	ITEM 21 P/N	ITEM 22 P/N	ITEM 23 P/N	ITEM 24 P/N	ITEM 25 P/N	ITEM 26 P/N	ITEM 27 P/N	ITEM 28 P/N	ITEM 29 P/N	ITEM 30 P/N	ITEM 31 P/N	ITEM 32 P/N	ITEM 33 P/N	ITEM 34 P/N	ITEM 35 P/N	ITEM 36 P/N	ITEM 37 P/N	ITEM 38 P/N	ITEM 39 P/N	ITEM 40 P/N	ITEM 41 P/N	ITEM 42 P/N	ITEM 43 P/N	ITEM 44 P/N	ITEM 45 P/N	ITEM 46 P/N	ITEM 47 P/N	ITEM 48 P/N	ITEM 49 P/N	ITEM 50 P/N	ITEM 51 P/N	ITEM 52 P/N	ITEM 53 P/N	ITEM 54 P/N	ITEM 55 P/N	ITEM 56 P/N	ITEM 57 P/N	ITEM 58 P/N	ITEM 59 P/N	ITEM 60 P/N	ITEM 61 P/N	ITEM 62 P/N	ITEM 63 P/N	ITEM 64 P/N	ITEM 65 P/N	ITEM 66 P/N	ITEM 67 P/N	ITEM 68 P/N	ITEM 69 P/N	ITEM 70 P/N	ITEM 71 P/N	ITEM 72 P/N	ITEM 73 P/N	ITEM 74 P/N	ITEM 75 P/N	ITEM 76 P/N	ITEM 77 P/N	ITEM 78 P/N	ITEM 79 P/N	ITEM 80 P/N	ITEM 81 P/N	ITEM 82 P/N	ITEM 83 P/N	ITEM 84 P/N	ITEM 85 P/N	ITEM 86 P/N	ITEM 87 P/N	ITEM 88 P/N	ITEM 89 P/N	ITEM 90 P/N	ITEM 91 P/N	ITEM 92 P/N	ITEM 93 P/N	ITEM 94 P/N	ITEM 95 P/N	ITEM 96 P/N	ITEM 97 P/N	ITEM 98 P/N	ITEM 99 P/N	ITEM 100 P/N	ITEM 101 P/N	ITEM 102 P/N	ITEM 103 P/N	ITEM 104 P/N	ITEM 105 P/N	ITEM 106 P/N	ITEM 107 P/N	ITEM 108 P/N	ITEM 109 P/N	ITEM 110 P/N	ITEM 111 P/N	ITEM 112 P/N	ITEM 113 P/N	ITEM 114 P/N	ITEM 115 P/N	ITEM 116 P/N	ITEM 117 P/N	ITEM 118 P/N	ITEM 119 P/N	ITEM 120 P/N	ITEM 121 P/N	ITEM 122 P/N	ITEM 123 P/N	ITEM 124 P/N	ITEM 125 P/N	ITEM 126 P/N	ITEM 127 P/N	ITEM 128 P/N	ITEM 129 P/N	ITEM 130 P/N	ITEM 131 P/N	ITEM 132 P/N	ITEM 133 P/N	ITEM 134 P/N	ITEM 135 P/N	ITEM 136 P/N	ITEM 137 P/N	ITEM 138 P/N	ITEM 139 P/N	ITEM 140 P/N	ITEM 141 P/N	ITEM 142 P/N	ITEM 143 P/N	ITEM 144 P/N	ITEM 145 P/N	ITEM 146 P/N	ITEM 147 P/N	ITEM 148 P/N	ITEM 149 P/N	ITEM 150 P/N	ITEM 151 P/N	ITEM 152 P/N	ITEM 153 P/N	ITEM 154 P/N	ITEM 155 P/N	ITEM 156 P/N	ITEM 157 P/N	ITEM 158 P/N	ITEM 159 P/N	ITEM 160 P/N	ITEM 161 P/N	ITEM 162 P/N	ITEM 163 P/N	ITEM 164 P/N	ITEM 165 P/N	ITEM 166 P/N	ITEM 167 P/N	ITEM 168 P/N	ITEM 169 P/N	ITEM 170 P/N	ITEM 171 P/N	ITEM 172 P/N	ITEM 173 P/N	ITEM 174 P/N	ITEM 175 P/N	ITEM 176 P/N	ITEM 177 P/N	ITEM 178 P/N	ITEM 179 P/N	ITEM 180 P/N	ITEM 181 P/N	ITEM 182 P/N	ITEM 183 P/N	ITEM 184 P/N	ITEM 185 P/N	ITEM 186 P/N	ITEM 187 P/N	ITEM 188 P/N	ITEM 189 P/N	ITEM 190 P/N	ITEM 191 P/N	ITEM 192 P/N	ITEM 193 P/N	ITEM 194 P/N	ITEM 195 P/N	ITEM 196 P/N	ITEM 197 P/N	ITEM 198 P/N	ITEM 199 P/N	ITEM 200 P/N	ITEM 201 P/N	ITEM 202 P/N	ITEM 203 P/N	ITEM 204 P/N	ITEM 205 P/N	ITEM 206 P/N	ITEM 207 P/N	ITEM 208 P/N	ITEM 209 P/N	ITEM 210 P/N	ITEM 211 P/N	ITEM 212 P/N	ITEM 213 P/N	ITEM 214 P/N	ITEM 215 P/N	ITEM 216 P/N	ITEM 217 P/N	ITEM 218 P/N	ITEM 219 P/N	ITEM 220 P/N	ITEM 221 P/N	ITEM 222 P/N	ITEM 223 P/N	ITEM 224 P/N	ITEM 225 P/N	ITEM 226 P/N	ITEM 227 P/N	ITEM 228 P/N	ITEM 229 P/N	ITEM 230 P/N	ITEM 231 P/N	ITEM 232 P/N	ITEM 233 P/N	ITEM 234 P/N	ITEM 235 P/N	ITEM 236 P/N	ITEM 237 P/N	ITEM 238 P/N	ITEM 239 P/N	ITEM 240 P/N	ITEM 241 P/N	ITEM 242 P/N	ITEM 243 P/N	ITEM 244 P/N	ITEM 245 P/N	ITEM 246 P/N	ITEM 247 P/N	ITEM 248 P/N	ITEM 249 P/N	ITEM 250 P/N	ITEM 251 P/N	ITEM 252 P/N	ITEM 253 P/N	ITEM 254 P/N	ITEM 255 P/N	ITEM 256 P/N	ITEM 257 P/N	ITEM 258 P/N	ITEM 259 P/N	ITEM 260 P/N	ITEM 261 P/N	ITEM 262 P/N	ITEM 263 P/N	ITEM 264 P/N	ITEM 2
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