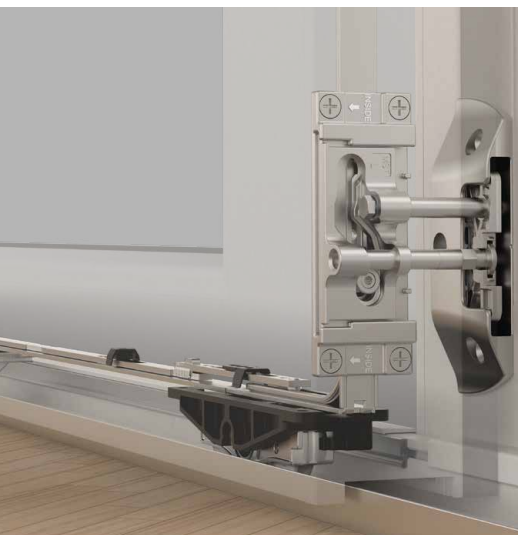


















HAUTAU Move



CATALOGUE APAC & MEA

Symbols

	Item number		Spindle length
	Packing unit		Rosette width
	Part number tricoat		Spindle size
W	Width		Surface finish
H	Height		Profile depth
L	Overall component length	PC	Profile cylinder (PC)
	Backset (BS)	RC	Round cylinder (RC)
	Number of security cams (i.S.)	FB	Sash width
	Sash rebate height (SRH)	FH	Sash height
	Cropping range	FS	Sash strength
	Sash rebate width (SRW)	DM	Backset (BS)
	Handle height	li + re	left + right
		L	Air gap
		FT	Rebate depth
		V (offset)	Offset

Note: If not otherwise specified, all dimensions are stated in millimetres and packing units in items per box.

1 Technical and General Information



5

2 Move



9

3 Directory

1 Technical and General Information

1.1	General Terms and Conditions	6
1.2	Manufacturer's declaration / State of the art	6
1.3	Product information	6
1.4	Certificates and guarantees	7
1.5	Storage and safekeeping	7
1.6	Storage and safekeeping electromechanical parts	7
1.7	Transport	7

1 Technical and General Information

1.1 General Terms and Conditions

Our current general terms and conditions are available for download from our website (www.maco.eu).

1.2 Manufacturer's declaration / State of the art

The electromechanical fittings are tested and manufactured in accordance with applicable European directives. A corresponding installation declaration is available.

1.3 Product information

Sliding hardware within the meaning of this definition is hardware for sliding sashes of windows and French doors, which are mainly used as external finishes and are usually glazed. In combination with sliding sashes, fixed fields and/or further sashes (e.g.: cleaning rotary sashes) can be arranged in a window element

Sash, which are equipped to horizontally slide.

Sliding fittings are used on vertically installed windows and French doors made of wood, PVC, aluminium or steel and their corresponding material combinations. Sliding fittings in the sense of this definition are equipped with a lock which locks the sliding sash and with rollers which are located on the lower horizontal leg of the sliding sash.

In addition, stay arms for tilting and mechanisms for lifting or parallel parking of the sashes can be provided. The sashes are closed via the fittings, brought into ventilation position and pushed to the side in manual or automated form. The Machinery Directive applies to motorised elements. Please also observe country-specific requirements in the respective laws, regulations, standards and guidelines.

Burglar-resistant windows and French doors for wet rooms and those for use in environments with aggressive, corrosion-pro-

moting air contents require fittings with performance characteristics that are adapted to the respective application and agreed separately.

The defined maximum sash weights for the individual hardware designs must not be exceeded. The component with the lowest permissible load capacity determines the maximum sash weight. Application diagrams and component allocations must be observed.

Opened windows and French windows only achieve a shielding function and do not meet any requirements for joint tightness, driving rain resistance, sound insulation, thermal insulation and burglary resistance.

The resistance to wind loads in closed and locked state depends on the respective constructions of the window and French doors. If wind loads have to be absorbed in accordance with DIN EN 12210 (in particular test pressure p3), suitable hardware combinations must be agreed and separately agreed in conjunction with the respective window construction and the frame material.

The fittings may only be cleaned or polished with mild, pH-neutral cleaning agents in diluted form.

1.4 Certificates and guarantees

MACO ensures high quality, not only with ongoing continuous internal testing, but also through external auditing by renowned, independent institutes. Copies of all our current independent test certificates, covering our quality, safety and environmental management systems, as well as our product

guarantees are available to download from our website www.maco.eu. In addition our safety descriptions relating to dangerous substances (RoHS and REACH Declaration) are available, covering all MACO products.

1.5 Storage and safekeeping

Check the following immediately upon delivery

- Completeness of delivery
- Packaging damage
- Material damage
- Improper storage and improper (transport from the hardware can effect the surface. Follow the instructions to avoid this.)
- It must be ensured that the room air is permanently dry.

- Major temperature fluctuations that lead to condensation must be prevented. Condensation on fitting parts leads to the galvanised surfaces being attacked.
- Aggressive vapors caused by cleaning agents or assembly aids such as silicone and the like must be avoided at all costs - even for short periods. Vapours from such substances can very quickly lead to corrosion of fittings.
- Salty air or air polluted by trade and industry also leads to corrosion on galvanized surfaces and is also not suitable for storage facilities.

1.6 Storage and safekeeping electromechanical parts

WEEE may only be stored in suitable areas, taking into account the nature and hazard potential of the waste, with weatherproof covering, impermeable surface, if necessary resistant to oil and solvents, collection facilities and, if necessary, separators for leaking liquids and grease dissolving cleaning agents.

During storage and transport of WEEE, it must be ensured that damage that could result in the escape of hazardous substances is avoided. They must be stored and transported in such a way that subsequent dismantling or recycling is not made difficult or impossible.

1.7 Transport

Finished window elements shall be as follows

- Standing
- Non-slip and non-tilting suitable
- Protected from dirt

From intermidate outdoor storage

- Covered or packed
- Sliding elements that exceed a weight of 200 kg
- Avoid exposure on mechanical connections
 - Use specifically transport devices
 - It is recommend to transport these elements unglazed



Technical and General Information

2 Move

2.1	Application diagrams	10
2.2	MOVE: Hardware overview	12
2.3	MOVE: Hardware listing	14
2.4	Basic box Move 200 kg	18
2.5	Package additional roller Move 250 kg	18
2.6	Corner element MM i.S.	18
2.7	Drive gears	19
2.8	Width connectors MM i.S.	19
2.9	Height connectors MM i.S.	19
2.10	Faceplate extensions	20
2.11	Package locking elements	20
2.12	Striker plates	21
2.13	Profile overview	21
2.14	Slide handles Harmony	22
2.15	Accessories and individual components	24
2.16	Jigs and tools	25

2 Move

2.1 Application diagrams

The Hautau MOVE slide hardware is perfectly suited to implementing sliding windows and balcony doors in all common timber, PVC and aluminium profiles.

The application diagrams below show the maximum and minimum application range for the sash rebate sizes. These application ranges relate to the Hautau MOVE slide hardware and are binding. They may not be exceeded.

ATTENTION: For the fabrication of slide PVC profiles and aluminium profiles, the profile manufacturer's application areas must be adhered to. These manufacturer application areas may limit the Hautau MOVE slide hardware application areas.

With a sash weight over 200 kg, additional rollers must be used.

The sliding sash must not exceed the total weight of 250 kg.

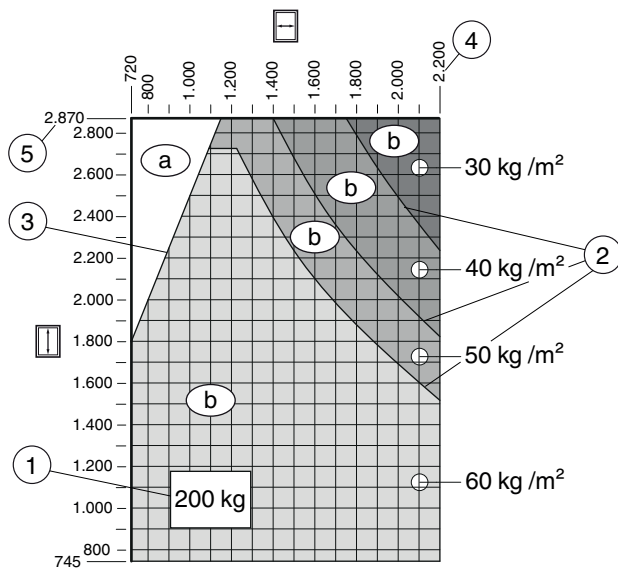
The sash height must not exceed 2.5 times the sash width!

SW : SH = max. 1 : 2.5

On every corner, an i.S. Pin must be used on the vertical side.

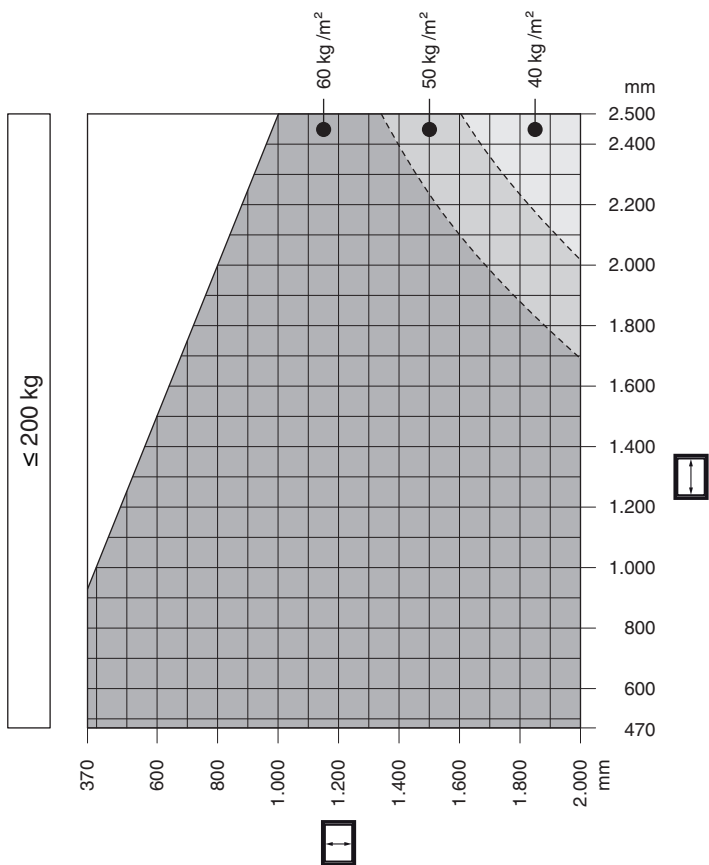
The maximum locking distance must not exceed 1,074 mm.

Specifications on the application diagram

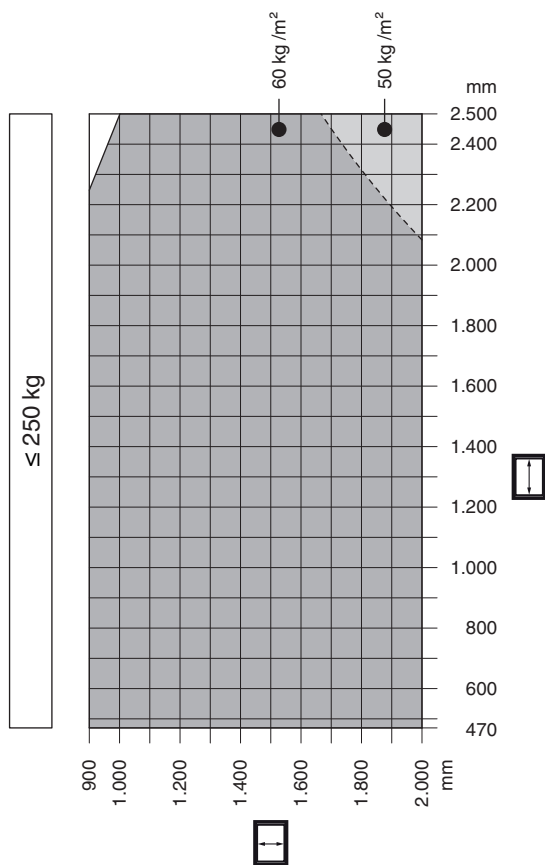


- 1) Maximum permissible sash weight
- 2) Maximum size per glass weight
- 3) Ratio SW:SH (1:2.5)
- 4) Maximum SW
- 5) Maximum SH
- a) White area = not permissible
- b) Grey area = permissible

Application diagram 200 kg



Application diagram 250 kg



Selection guide			Page
2a	2.4	Basic box Move 200 kg	18
2b	2.5	Package additional roller Move 250 kg	18
2c	2.6	Corner element MM i.S.	18
2d	2.7.1	Turn-only drive gears MM BS 15 VHH i.S.	19
2e	2.8	Width connectors MM i.S.	19
2f	2.10.1	Faceplate extensions MM extendable	20
2g	2.11.1	Package locking Move upper/lower	20
2h	2.11.2	Package locking Move centre	20
2i	2.12.1	Striker plates Move drive gear side	21
2j	2.12.2	Striker plates Move centre	21
2k	2.14.1	Interior handles with lugs 10/12	22
2l	2.14.3	Spindles	22
2m	2.15.1	Package stop Move guide track	24



2.3 MOVE: Hardware listing

Diagram A:

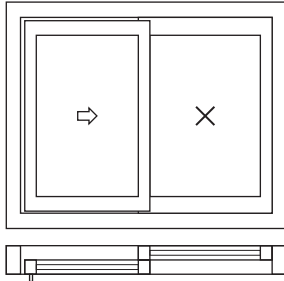


Diagram A:

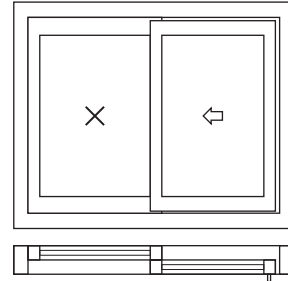
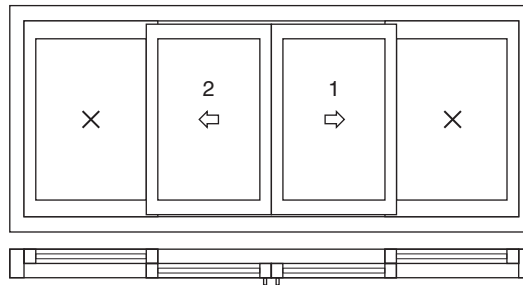
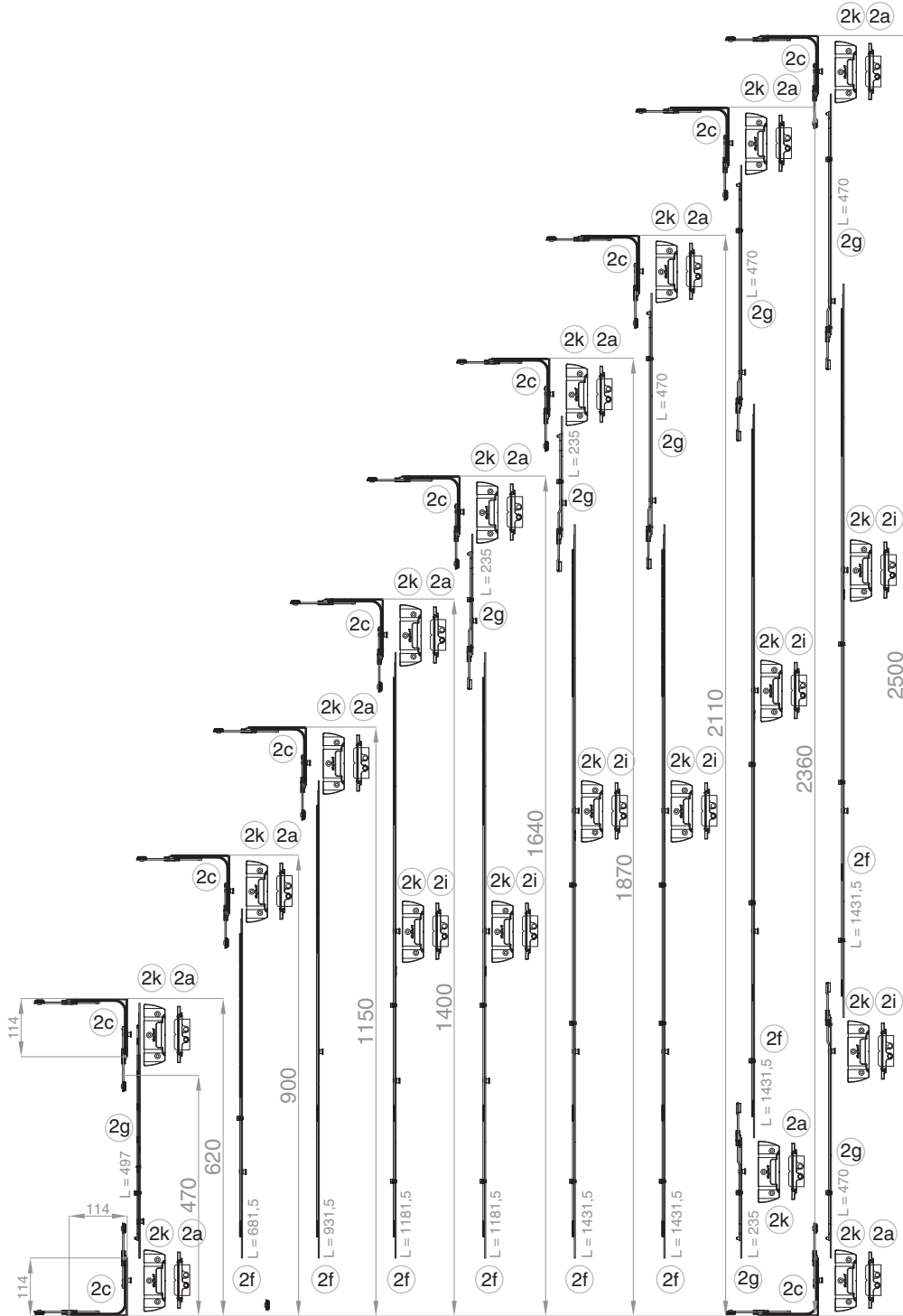


Diagram C:

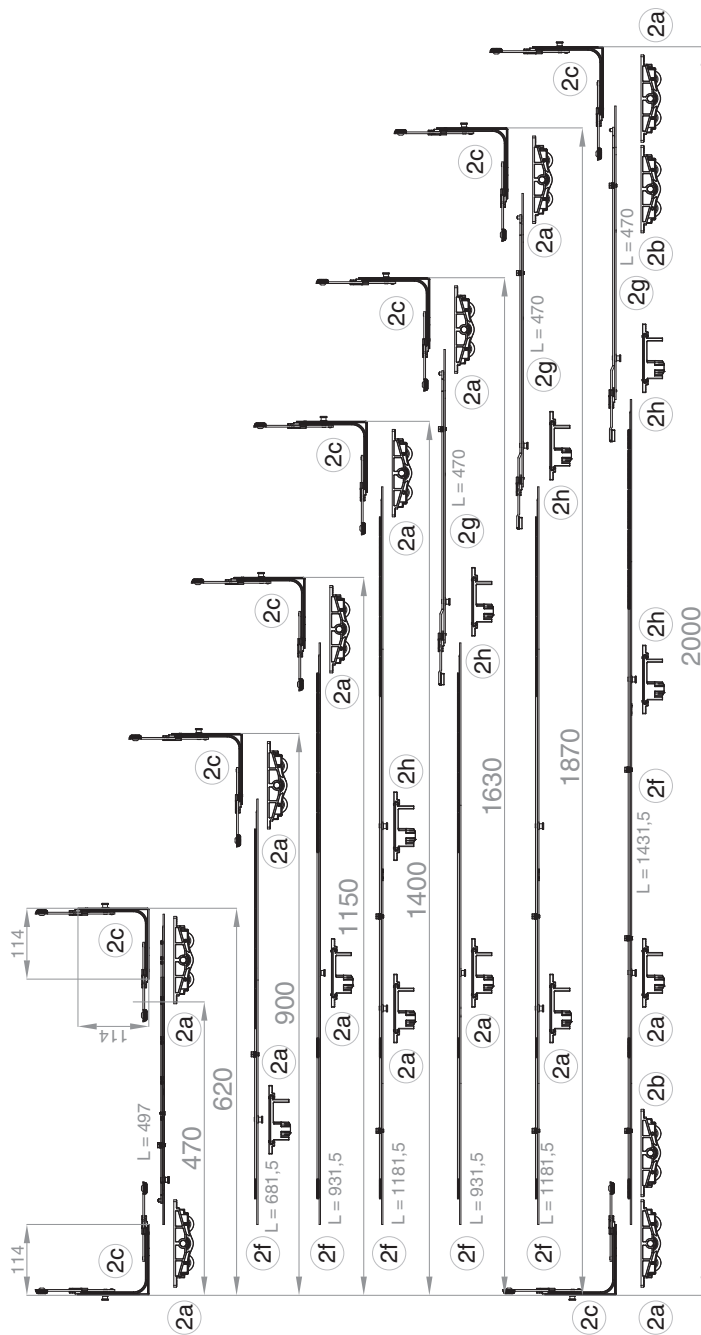


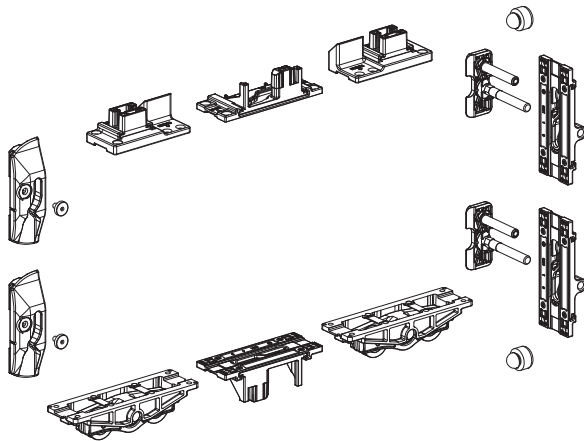
Quantity for diagram		Nr.	Description
A	C		Description
1	1	2.4	Basic box Move 200 kg with 2 lock elements and 2 striker plates
-	1	2.4	Basic box Move 200 kg with 2 lock elements
0 - 1	0 - 2	2.5	Package additional rollers Move 250 kg
4	8	2.6	Corner element MM i.S.
1	2	2.7.4	Turn drive gear MM DM 15 fixed i.S.
		2.7.1	Turn drive gear MM DM 15 variable i.S.
2	4	2.7.2	Faceplate restrainer for short drive gear MM
3	6	2.8	Width connector MM i.S.
0 - 4	0 - 8	2.10.1	Faceplate extension MM extendable [sash rebate > 1400]
0 - 2	0 - 4	2.11.1	Package locking elements upper/lower [SRW > 1150 = 1x / SRW > 1870 = 2x]
0 - 2	0 - 4	2.11.2	Package locking elements centre [SRH > 1150 = 1x / SRH > 2360 = 2x]
0 - 2	0 - 2	2.12.1	Strike plate Move drive gear side [SRH > 900 = 1x / SRH > 1700 = 2x]
2 - 4	4 - 8	2.12.2	Strike plate Move centre [SRH > 1150 = 1x / SRH > 2360 = 2x]
1	2	2.14.1	Internal handle
1	2	2.14.3	Square spindle
-	1	2.15.1	Package stop Move for guide track

Overview central locking system MM middle




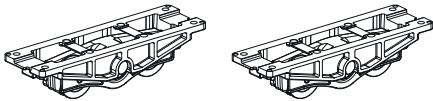
Overview central locking system MM bottom / top






306472

2.4 Basic box Move 200 kg					Nº	Nº Tricoat
with 2 locking elements upper + lower	2 striker plates drive gear side	silver	left	1	306472	
			right	1	306473	
with 4 locking elements upper + lower	without striker plates	silver	left	1	306503	
			right	1	306504	



306405

2.5 Package additional roller Move 250 kg					Nº	Nº Tricoat
Move	silver	right and left		5	306405	




222201

2.6 Corner element MM i.S.		W	H		Nº	Nº Tricoat
silver	with 1 i.S.	113,5	113,5	50	222201¹	

¹ Part number HAUTAU: 321149


2.7 Drive gears

201746 


2.7.1 Turn-only drive gears MM BS 15 VHH i.S.	L							No	No Tricoat
silver	800	640	15	0	470 - 800	200	20	201746 ¹	233923
	1250	1.040	15	1	801 - 1.250	260	20	202170	234062
	1350	1.140	15	1	901 - 1.350	260	20	215408	
	1750	1.540	15	2	1.251 - 1.750	260	10	202171 ²	234063
	2250	2.040	15	3	1.751 - 2.250	260	10	202172	234065

¹ To fasten faceplate use faceplate restrainer item no. 213287.


² Part number HAUTAU: 321145

213287 

2.7.2 Faceplate restrainer for short drive gears MM		No	No Tricoat
silver	100	213287	

250376 


2.7.3 Turn-only drive gear MM BS 15 VHH i.S. with PC	L							No	No Tricoat
silver	2250	2.035	15	3	1.751 - 2.250	260	10	250376	

210380 

2.8 Width connectors MM i.S.	L				No	No Tricoat		
silver	900	681,5	with 1 i.S.	620 - 900	290	20	210380 ¹	233138
	1150	931,5	with 1 i.S.	901 - 1.150	260	20	210381	233139
	1400	1.181,5	with 2 i.S.	1.151 - 1.400	260	20	210382	233140
	1650	1.431,5	with 2 i.S.	1.401 - 1.650	260	10	210383 ²	233141

¹ Part number HAUTAU: 321147

² Part number HAUTAU: 321148

210335 



2.9 Height connectors MM i.S.			No	No Tricoat		
silver	with 1 i.S.	1090	841 - 1.090	10	210335	233142
		1340	1.091 - 1.340	10	210336	233143
	with 2 i.S.	1590	1.341 - 1.590	10	210337	233144
		1700	1.591 - 1.700	10	210338	233145
	with 3 i.S.	1950	1.701 - 1.950	10	210339	233146
		2200	1.951 - 2.200	10	210340	233147
	with 4 i.S.	2450	2.201 - 2.450	10	210341	233148



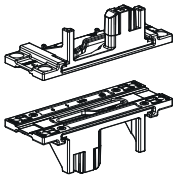
2.10 Faceplate extensions

201840 

2.10.1 Faceplate extensions MM extendable


					L		No	No Tricoat
silver	centre lock extendable MM	with 1 i.S.	1	470	20	201840		
	faceplate extension MM, extendable	with 1 i.S.	1	235	20	201750		

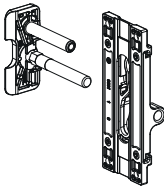
2.11 Package locking elements



306403


2.11.1 Package locking Move upper/lower

					No	No Tricoat
left		silver		10	306403	
right		silver		10	306404	

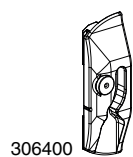


306474


2.11.2 Package locking Move centre

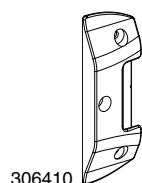
					No	No Tricoat
left		silver		10	306474	
right		silver		10	306475	

2.12 Striker plates




306400

2.12.1 Striker plates Move drive gear side				No	No Tricoat
left	silver		20	306400	
right	silver		20	306401	



306410

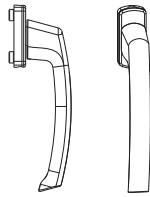
2.12.2 Striker plates Move centre			H	W		No	No Tricoat
right and left	silver	with rebate	11	41,8	20	306544	
			11	41,8	20	306501	
			11	44	20	306502	
			14	41	20	306410	

2.13 Profile overview

Profile	silver	traffic white RAL 9016	jet black RAL 9005	bronze
Aluplast Smart Slide	306544	485969	485968	485970
Gealan Smoovio	306410	485972	485973	485974
Rehau Synego Slide	306502	485977	485978	485979
Salamander eD Plus	306501	485981	485982	485983

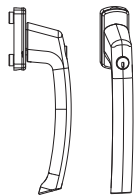


2.14 Slide handles Harmony



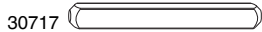
229616

2.14.1 Interior handles with lugs 10/12									No	No Tricoat
black brown RAL 8022		58	without pin	28	7	anodised	10		24658	
jet black RAL 9005		58	without pin	28	7	powder coated	10		229616	
silver		58	without pin	28	7	anodised	10		59045	
traffic white RAL 9016		58	without pin	28	7	powder coated	10		24435	



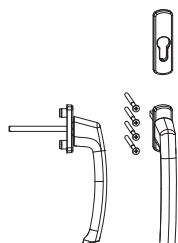
220634

2.14.2 Interior handles with lugs 10/12 lock cylinder									No	No Tricoat
black brown RAL 8022		58	without pin	28	7	anodised	10		220634	
traffic white RAL 9016		58	without pin	28	7	powder coated	10		59046	



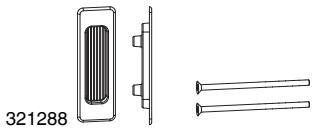
30717

2.14.3 Spindles		L						No	No Tricoat
spindle		52	26	7	200			39013	
		56	30	7	200			39029	
		61	35	7	200			30717	
		64	38	7	20			94228	
		69	43	7	200			39014	
		76	50	7	200			30765	



202626

2.14.4 Exterior handles high PC with lugs 12									No	No Tricoat
black brown RAL 8022	PC	64-73	54	26	7	anodised	10		202626	
		max. 90	54	26	7	anodised	10		213336	
traffic white RAL 9016	PC	64-73	54	26	7	powder coated	10		202630	
		max. 90	54	26	7	powder coated	10		213339	



2.14.5 Finger pull handle short



No

No
Tricoat

traffic white RAL 9016

powder coated

glittering

321288



2.15 Accessories and individual components



306505

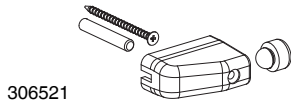
2.15.1 Package stop Move guide track



No

No
Tricoat

stop set	Move	for guide track	grey	5	306505	
----------	------	-----------------	------	---	---------------	--



306521

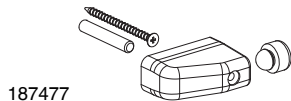
2.15.2 Package stop Move roller track



No

No
Tricoat

stop set	Move	for guide track	white	5	306521	
			black	5	306522	
			grey	5	306523	



187477

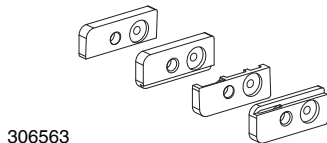
2.15.3 Package stop Move with long bolts



No

No
Tricoat

stop set	PVC	with long bolts	black	1	187477	
			white	5	187480	
			grey	5	239855	



306563

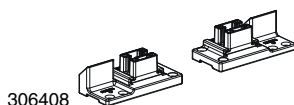
2.15.4 Packake packers for stop with long bolts



No

No
Tricoat

Package packers	for stop Move	Aluplast Smart Slide	white	5	306563	
			black	5	306564	
			grey	5	306565	
		Gealan Smoovio	white	5	306567	
			black	5	306568	
			grey	5	306569	
		Salamander eD Plus	white	5	485029	
			black	5	485030	
			grey	5	485031	



306408

2.15.5 Package slider Move

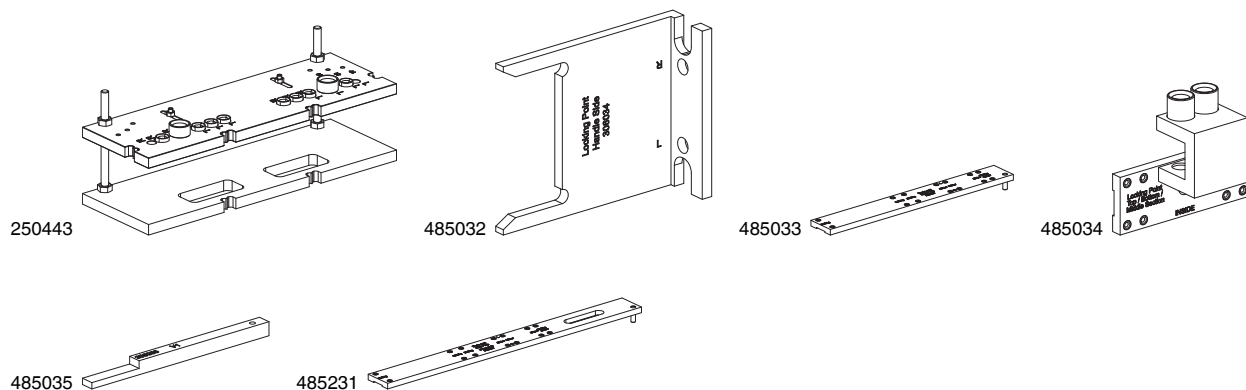


No

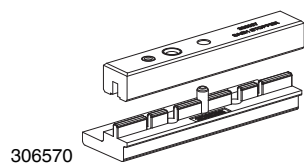
No
Tricoat

Package slider	Move	for guide track	silver	1	306408	
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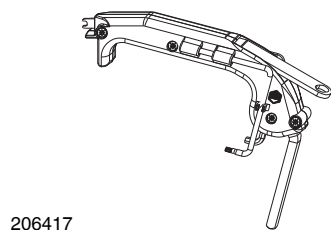
2.16 Jigs and tools



2.16.1 Basic jigs		No	No Tricoat
drilling and routing jigs for drive gear drill-hole and finger pull	1	250443	
striker positioning jig for striker plate drive gear side	1	485032	
drilling jig diagram A	1	485033	
drilling jig	1	485034	
adjustment jig centre	1	485035	
drilling jig diagram C	1	485036	
	1	485231	

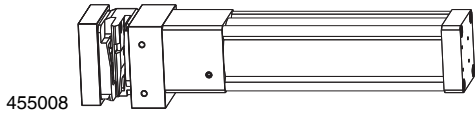



2.16.2 Drilling jigs for stop		No	No Tricoat
drilling jig for stop Move Salamander eD Plus	1	306570	
drilling jig for stop Move Aluplast Smart Slide	1	306571	
drilling jig for stop Move Gealan Smoovio	1	306572	
drilling jig for stop Move Rehau Synego Slide	1	485312	




2.16.3 Adjustment keys		No	No Tricoat
multifunctional key	20	206417	
adjusting spanner/key for i.S. cams, bent twice, 75 mm long TX15	50	44192	
adjusting spanner/key for i.S. cams, bent twice, 145 mm long TX15	50	465776	





2.16.4 Hardware croppers		No	No Tricoat
SOMATEC hardware cropper MM with accessories left	1	455008	
SOMATEC hardware cropper MM with accessories right	1	455009	
Manual fitting cutter MM Reiplinger	1	462516	
cropping aid for offset punch MULTI MATIC	1	463153	


3 Directory

№  **Page**

1
 187477 _____ 1 _____ 24
 187480 _____ 5 _____ 24

2
 201746 _____ 20 _____ 19
 201750 _____ 20 _____ 20
 201840 _____ 20 _____ 20
 202170 _____ 20 _____ 19
 202171 _____ 10 _____ 19
 202172 _____ 10 _____ 19
 202626 _____ 10 _____ 22
 202630 _____ 10 _____ 22
 206417 _____ 20 _____ 25
 210335 _____ 10 _____ 19
 210336 _____ 10 _____ 19
 210337 _____ 10 _____ 19
 210338 _____ 10 _____ 19
 210339 _____ 10 _____ 19
 210340 _____ 10 _____ 19
 210341 _____ 10 _____ 19
 210380 _____ 20 _____ 19
 210381 _____ 20 _____ 19
 210382 _____ 20 _____ 19
 210383 _____ 10 _____ 19
 213287 _____ 100 _____ 19
 213336 _____ 10 _____ 22
 213339 _____ 10 _____ 22
 215408 _____ 20 _____ 19
 220634 _____ 10 _____ 22
 222201 _____ 50 _____ 18
 229616 _____ 10 _____ 22
 233138 _____ 20 _____ 19
 233139 _____ 20 _____ 19
 233140 _____ 20 _____ 19
 233141 _____ 10 _____ 19
 233142 _____ 10 _____ 19
 233143 _____ 10 _____ 19
 233144 _____ 10 _____ 19
 233145 _____ 10 _____ 19
 233146 _____ 10 _____ 19
 233147 _____ 10 _____ 19
 233148 _____ 10 _____ 19
 233923 _____ 20 _____ 19
 234062 _____ 20 _____ 19
 234063 _____ 10 _____ 19
 234065 _____ 10 _____ 19
 239855 _____ 5 _____ 24
 24435 _____ 10 _____ 22
 24658 _____ 10 _____ 22
 250376 _____ 10 _____ 19
 250443 _____ 1 _____ 25

3
 306400 _____ 20 _____ 21
 306401 _____ 20 _____ 21
 306403 _____ 10 _____ 20
 306404 _____ 10 _____ 20
 306405 _____ 5 _____ 18
 306408 _____ 1 _____ 24
 306410 _____ 20 _____ 21
 306472 _____ 1 _____ 18
 306473 _____ 1 _____ 18
 306474 _____ 10 _____ 20
 306475 _____ 10 _____ 20
 306501 _____ 20 _____ 21
 306502 _____ 20 _____ 21
 306503 _____ 1 _____ 18
 306504 _____ 1 _____ 18
 306505 _____ 5 _____ 24
 306521 _____ 5 _____ 24
 306522 _____ 5 _____ 24
 306523 _____ 5 _____ 24
 306544 _____ 20 _____ 21
 306563 _____ 5 _____ 24
 306564 _____ 5 _____ 24
 306565 _____ 5 _____ 24
 306567 _____ 5 _____ 24
 306568 _____ 5 _____ 24
 306569 _____ 5 _____ 24
 306570 _____ 1 _____ 25
 306571 _____ 1 _____ 25
 306572 _____ 1 _____ 25
 30717 _____ 200 _____ 22
 30765 _____ 200 _____ 22
 321288 _____ _____ 23
 39013 _____ 200 _____ 22
 39014 _____ 200 _____ 22
 39029 _____ 200 _____ 22

№  **Page**

4
 44192 _____ 50 _____ 25
 455008 _____ 1 _____ 26
 455009 _____ 1 _____ 26
 462516 _____ 1 _____ 26
 463153 _____ 1 _____ 26
 465776 _____ 50 _____ 25
 485029 _____ 5 _____ 24
 485030 _____ 5 _____ 24
 485031 _____ 5 _____ 24
 485032 _____ 1 _____ 25
 485033 _____ 1 _____ 25
 485034 _____ 1 _____ 25
 485035 _____ 1 _____ 25
 485036 _____ 1 _____ 25
 485231 _____ 1 _____ 25
 485312 _____ 1 _____ 25

5
 59045 _____ 10 _____ 22
 59046 _____ 10 _____ 22

9
 94228 _____ 20 _____ 22

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