

Series 530



Technical specification S530	
Width of chain	83 mm
Chain pitch	38 mm
Width conveyor profile	86 mm
Height conveyor	80 mm
Radius conveyor chain on the drive and idler unit	70 mm
Max. permitted traction on the conveyor chain	1250 N
Weight conveyor	≈ 7 kg/m **
Recommended maximum load on conveyor	≈ 200 kg *
Recommended maximum load	≈ 20 kg/m *
Recommended maximum length of conveyor	≈ 20 m *
Recommended maximum speed	50 m/min
Minimum radius on plain bend	R 150 mm
Wheel curve radius	R 150 mm and R 200 mm
Vertical bend radius	R 400 mm and R 860 mm
Motor	0,18 - 0,55 kW
Noise level	< 70 dB (A)
Chain material	Acetal
Conveyor profile material	Stainless steel
* Recommended maximum length depends on the design, load and number of bends.	
** The weight of the conveyor depends on which type of chain, guide rail and guide rail bracket.	

Series 530

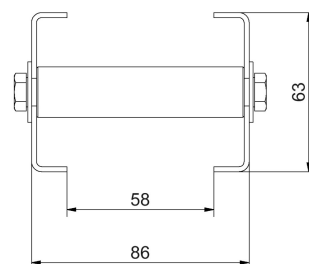
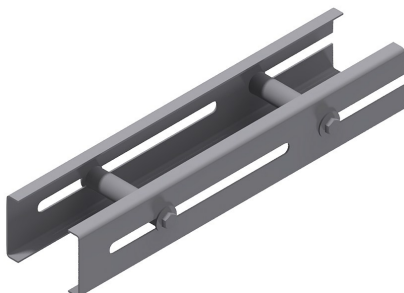
Conveyor profile S530

Stainless steel

Weight 2900 g/m

Length 2.48 m

Part no. 530-1000



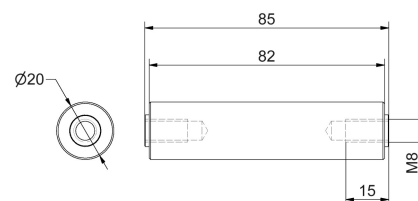
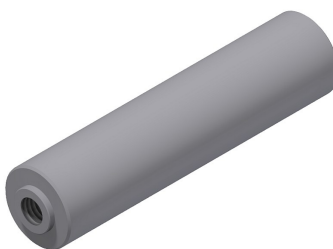
Spacer

For 530-1000

Stainless steel

Weight 200 g

Part no. 530-1030



Including stainless steel fasteners

Part no. 530-1035

Series 530

Conveyor chain S830

Acetal, nylon and stainless steel.

Standard version top flights are made of white acetal which is food approved

Allowed traction force 500 N.

Specified dimensions may vary up to 2%

On request, some chains and top flight can be delivered in non-standard material.

Enter the following additional letter.

L = Low friction

V = Heat resistance

A = Antistatic

F = Flocked

Order example 830-2000L

Finger chain

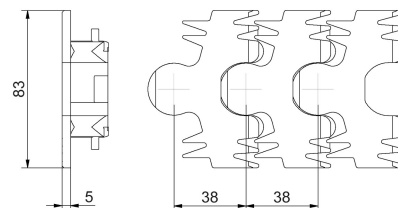
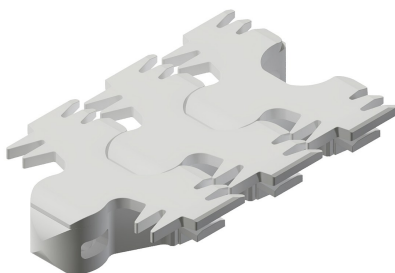
Slat standard chain for S830 and S530

Weight 1420 g/m

Qty 27 pcs/m

Part no. 830-2000

Part no. 830-2000-BLUE



Top flight for standard chain

Weight 18 g

Part no. 830-2001

Part no. 830-2001-BLUE

Finger chain friction

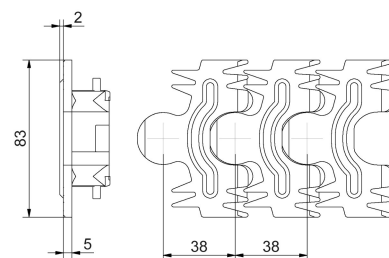
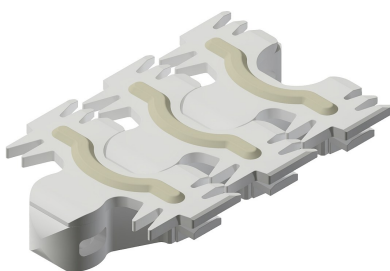
Standard chain with friction for S830 and S530

Weight 1440 g/m

Qty 27 pcs/m

Part no. 830-2010

Part no. 830-2010-BLUE



Top flight for friction chain

Weight 19 g

Part no. 830-2011

Part no. 830-2011-BLUE

Series 530

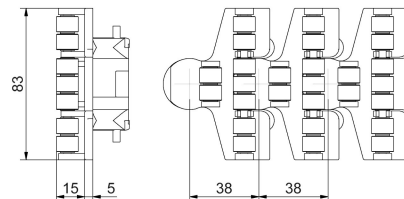
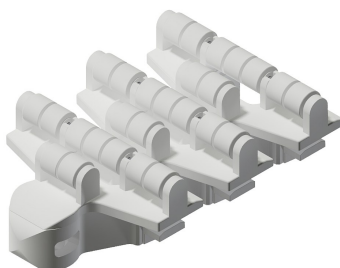
Chain with rollers

For S830 and S530

Weight 2030 g/m

Qty 27 pcs/m

Part no. 830-2050



Top flight for roller chain

Weight 41 g

Part no. 830-2051

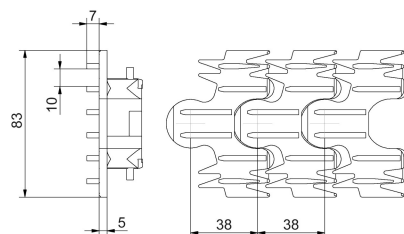
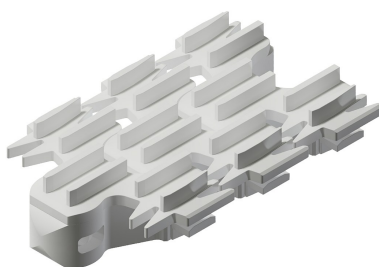
Rib chain

For S830 and S530

Weight 1550 g/m

Qty 27 pcs/m

Part no. 830-2055



Top flight for rib chain

Weight 23 g

Part no. 830-2056

Friction chain

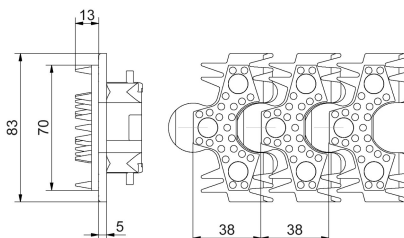
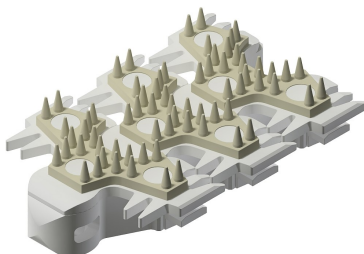
Friction chain with soft tip

For S830 and S530

Weight 1600 g/m

Qty 27 pcs/m

Part no. 830-2110



Top flight for friction chain with soft tip

Weight 27 g

Part no. 830-2111

Series 530

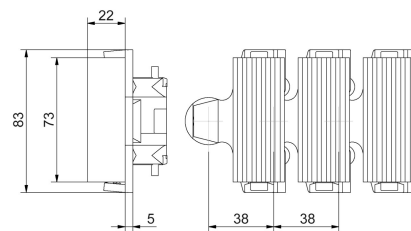
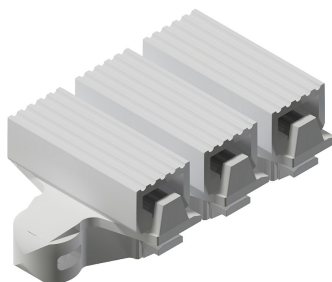
Side grip chain

For S830 and S530
 Weight 2260 g/m
 Qty 27 pcs/m

Part no. 830-2120

Top flight for side grip chain
 Weight 48 g

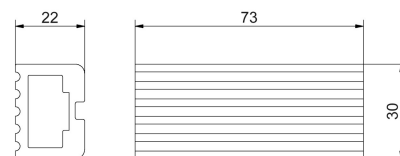
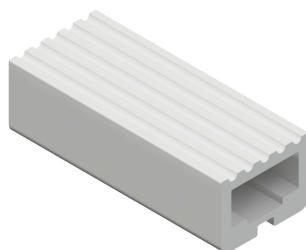
Part no. 830-2121



Rubber block

Rubber block for chain 830-2120
 White TPE
 Weight 25 g

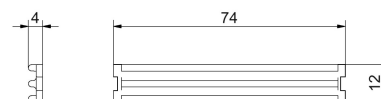
Part no. 830-2122



Locking rail

Locking rail for 830-2122
 Black reinforced nylon
 Weight 4 g

Part no. 830-2123

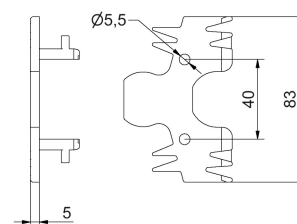


Series 530

Top flight for carrier

For S830 and S530
Weight 20 g

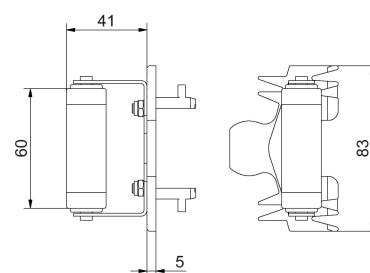
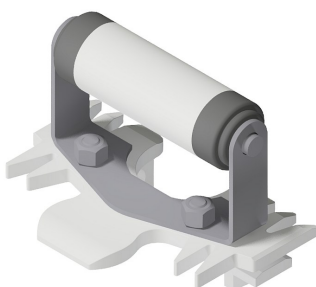
Part no. 830-2075



Top flight with carrier

For S830 and S530
Weight 75 g

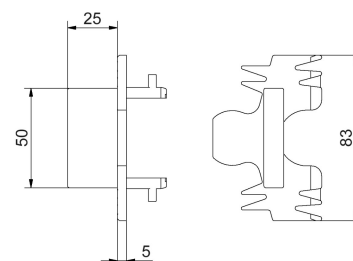
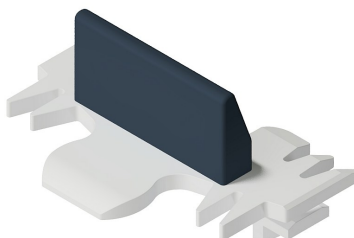
Part no. 830-2079



Top flight with carrier

For S830 and S530
Weight 33 g

Part no. 830-2081



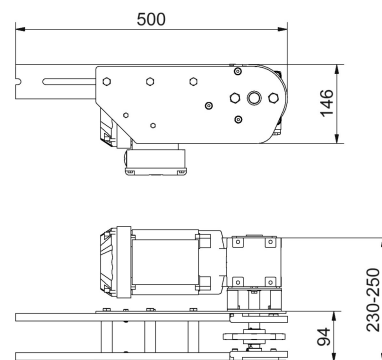
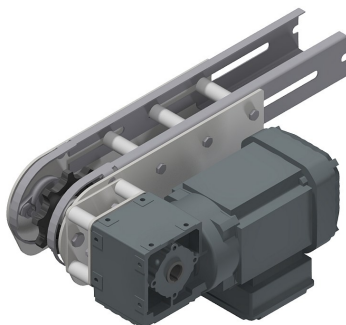
Series 530

530-30

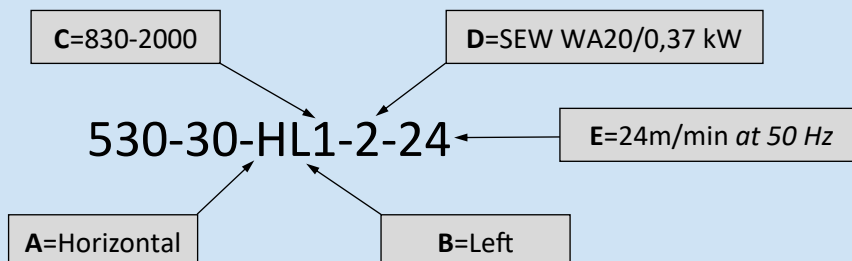
Drive unit with direct transmission
S530.
IP55 and stainless steel hollow shaft.
Configuration of default drive with
direct transmission **530-30-ABC-D-E**.

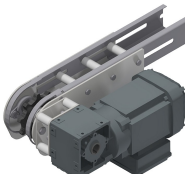
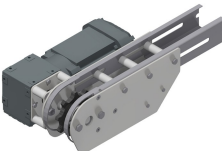
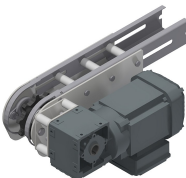
If needed, roller transfers and brackets
can be found on page 61.

Weight without motor 6300 g
Weight with motor 13300-19300 g



Order example



A: <u>Assembly position</u>	B: <u>Placement</u>	C: <u>Conveyor chain</u>	-	D: <u>Motor/gear</u> <u>Power</u>	E: <u>Speed m/min</u> <u>at 50 Hz</u>
H: Horizontal 	R: Right 	1: 830-2000 830-2010		1: SEW WA20 0,25 kW	8 18 34 10 20 47 12 25 15 29
		2: 830-2081		2: SEW WA20 0,37 kW	18 34 20 48 25 30
V: Vertical 	L: Left 	3: 830-2055 830-2079 830-2110		3: SEW WA30 0,37 kW	6 15 30 8 18 34 10 20 48 12 25
		4: 830-2050		4: SEW WA30 0,55 kW	15 34 18 48 20 30
					W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options —————>

Series 530

Cont. 530-30

D: Motor/gear Power	E: Speed m/min at 50 Hz		
5: SEW SA37 0,37 kW	8 10 13 16	19 25 27 31	36
6: Lenze G500-B45 0,18 kW	13 15 17 19	21 25 28 31	36 41 45
7: Lenze G500-B110 0,18 kW	8 10 12 15	19 21 25 33	38 41
8: Lenze G500-B45 0,25 kW	19 22 25 28	32 36 41 46	
9: Lenze G500-B110 0,25 kW	11 12 15 19	21 25 27 31	38 42 46
10: Lenze G500-B45 0,37 kW	28 32 37 42	47	

D: Motor/gear Power	E: Speed m/min at 50 Hz		
11: Lenze G500-B110 0,37 kW	11 13 16 20	22 25 28 32	34 39 43 47
12: Lenze G500-B45 0,55 kW	26 28 32 37	42 47	
13: Lenze G500-B110 0,55 kW	17 20 22 25	28 31 39 43	47
14: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 6-31 m/min		
15: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 10-50 m/min		
	W Without motor/gear. Assembly position and shaft prepared for selected place- ment.		

If needed, roller transfers and brackets can be found on page 61.

Series 530

Cont. 530-30

Bracket for roller transfer and connecting strip between conveyors

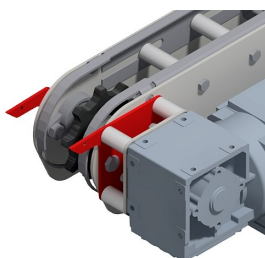
The following configuration is listed on order number 530-30-ABC-D-E- **with one additional letter**.

D = 500-7300 and 500-7325.

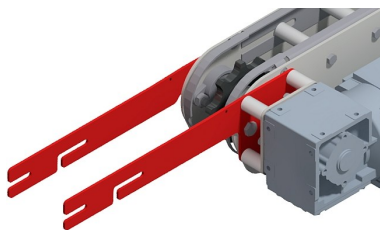
E = 500-7310 and 500-7320, 7 mm level difference.

Order example: 530-30-HL1-2-24-**D**

D



E



Bracket for roller transfer and connecting strip including roller transfer

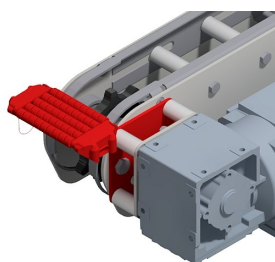
The following configuration is listed on the existing order number 530-30-ABC-D-E- **with two extra letters**.

DR = 500-7300, 500-7325 and 500-7410.

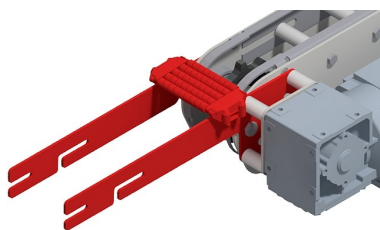
ER = 500-7310, 500-7320 and 500-7410, 7 mm level difference.

Order example: 530-30-HL1-2-24-**DR**

DR



ER

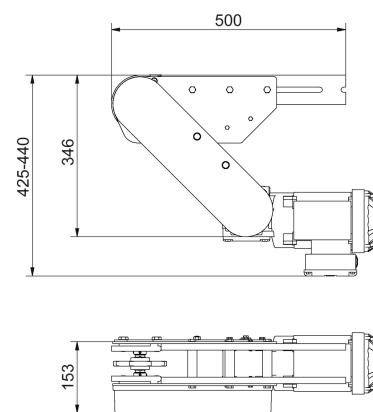
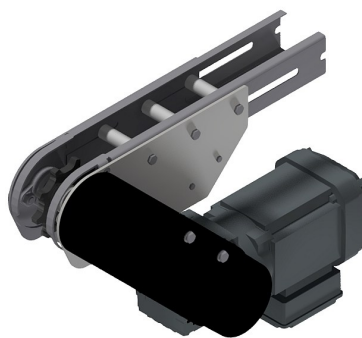


Series 530

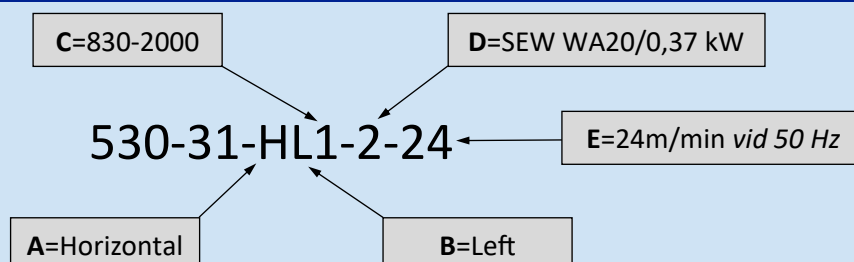
530-31

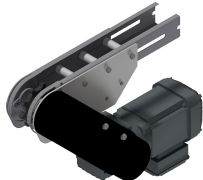
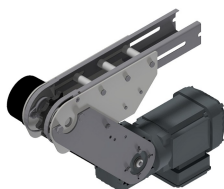
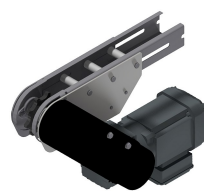
Drive unit with suspended motor with timing belt transmission S530.
IP55 and stainless steel hollow shaft.
Configuration of default drive unit
530-31-ABC-D-E.

If needed, roller transfers and brackets can be found on page 64.



Order example



A: <u>Assembly position</u>	B: <u>Placement</u>	C: <u>Conveyor chain</u>	-	D: <u>Motor/gear</u> <u>Power</u>	E: <u>Speed m/min</u> <u>at 50 Hz</u>
H: Horizontal 	R: Right 	1: 830-2000 830-2010		1: SEW WA20 0,25 kW	8 18 34 10 20 47 12 25 15 29
		2: 830-2081		2: SEW WA20 0,37 kW	18 34 20 48 25 30
V: Vertical 	L: Left 	3: 830-2055 830-2079 830-2110		3: SEW WA30 0,37 kW	6 15 30 8 18 34 10 20 48 12 25
		4: 830-2050		4: SEW WA30 0,55 kW	15 34 18 48 20 30
					W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options —————→

Series 530

Forts. 530-31

D: Motor/gear Power	E: Speed m/min at 50 Hz		
5: SEW SA37 0,37 kW	8 10 13 16	19 25 27 31	36
6: Lenze G500-B45 0,18 kW	13 15 17 19	21 25 28 31	36 41 45
7: Lenze G500-B110 0,18 kW	8 10 12 15	19 21 25 33	38 41
8: Lenze G500-B45 0,25 kW	19 22 25 28	32 36 41 46	
9: Lenze G500-B110 0,25 kW	11 12 15 19	21 25 27 31	38 42 46
10: Lenze G500-B45 0,37 kW	28 32 37 42	47	

D: Motor/gear Power	E: Speed m/min at 50 Hz		
11: Lenze G500-B110 0,37 kW	11 13 16 20	22 25 28 32	34 39 43 47
12: Lenze G500-B45 0,55 kW	26 28 32 37	42 47	
13: Lenze G500-B110 0,55 kW	17 20 22 25	28 31 39 43	47
14: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 6-31 m/min		
15: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 10-50 m/min		
	W Without motor/gear. Assembly position and shaft prepared for selected place- ment.		

If needed, roller transfers and brackets can be found on page 64.

Series 530

Cont. 530-31

Bracket for roller transfer and connecting strip between conveyors

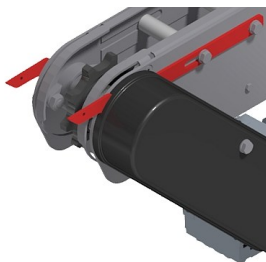
The following configuration is listed on order number 530-31-ABC-D-E- **with one additional letter**.

D = 500-7325.

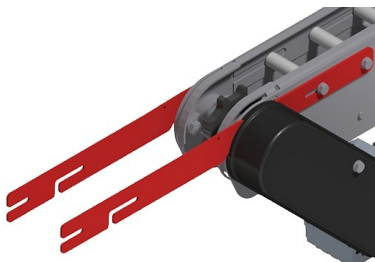
E = 500-7320, 7 mm level in difference.

Order example: 530-31-HL1-2-24-**D**

D



E



Bracket for roller transfer and connecting strip including roller transfer

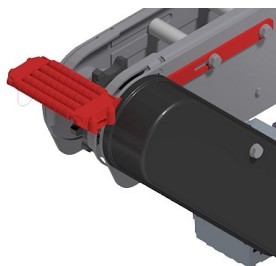
The following configuration is listed on the existing order number 530-31-ABC-D-E- **with two extra letters**.

DR = 500-7325 and 500-7410.

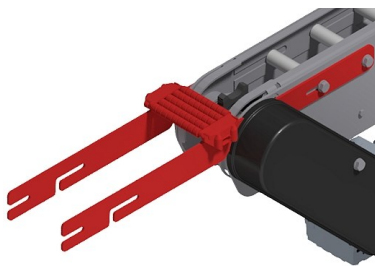
ER = 500-7320 and 500-7410, 7 mm level in difference.

Order example: 530-31-HL1-2-24-**DR**

DR



ER

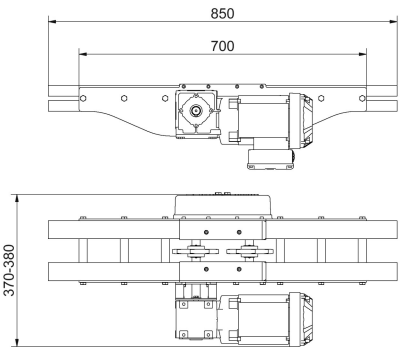
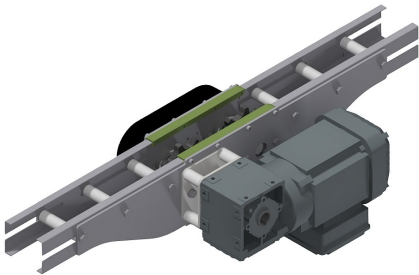


Series 530

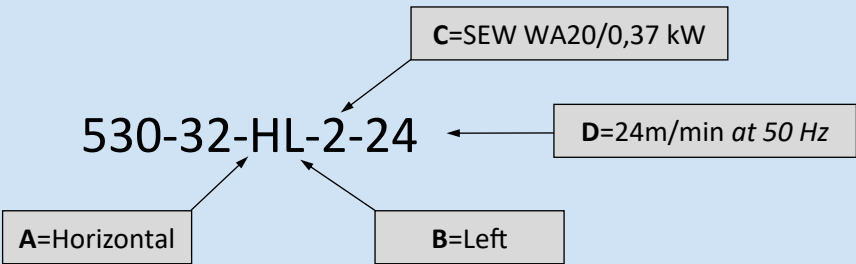
530-32

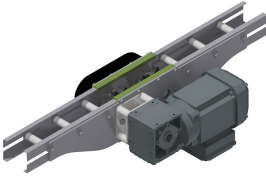
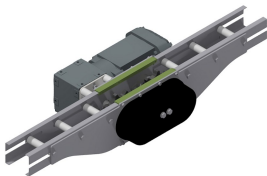
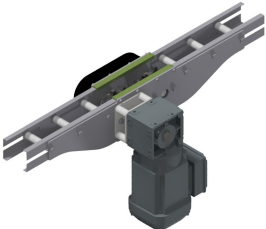
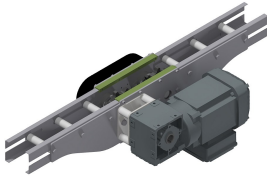
Drive unit with intermediate motor and returnchain S530.
IP55 and stainless steel hollow shaft.
Configuration of default drive unit
530-32-AB-C-D.

Use 530-4055 as front idler unit



Order example



A: <u>Assembly position</u>	B: <u>Placement</u>	-	C: <u>Motor/gear</u> <u>Power</u>	D: <u>Speed m/min</u> <u>at 50 Hz</u>												
H: Horizontal 	R: Right 		1: SEW WA20 0,25 kW	<table><tr><td>8</td><td>16</td><td>32</td></tr><tr><td>10</td><td>18</td><td>44</td></tr><tr><td>12</td><td>23</td><td></td></tr><tr><td>15</td><td>27</td><td></td></tr></table>	8	16	32	10	18	44	12	23		15	27	
8	16	32														
10	18	44														
12	23															
15	27															
			2: SEW WA20 0,37 kW	<table><tr><td>18</td><td>34</td><td></td></tr><tr><td>20</td><td>48</td><td></td></tr><tr><td>25</td><td></td><td></td></tr><tr><td>30</td><td></td><td></td></tr></table>	18	34		20	48		25			30		
18	34															
20	48															
25																
30																
V: Vertical 	L: Left 		3: SEW WA30 0,37 kW	<table><tr><td>6</td><td>15</td><td>30</td></tr><tr><td>8</td><td>18</td><td>34</td></tr><tr><td>10</td><td>20</td><td>48</td></tr><tr><td>12</td><td>25</td><td></td></tr></table>	6	15	30	8	18	34	10	20	48	12	25	
6	15	30														
8	18	34														
10	20	48														
12	25															
			4: SEW WA30 0,55 kW	<table><tr><td>15</td><td>34</td><td></td></tr><tr><td>18</td><td>48</td><td></td></tr><tr><td>20</td><td></td><td></td></tr><tr><td>30</td><td></td><td></td></tr></table>	15	34		18	48		20			30		
15	34															
18	48															
20																
30																
				W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options →												

Series 530

Cont. 530-32

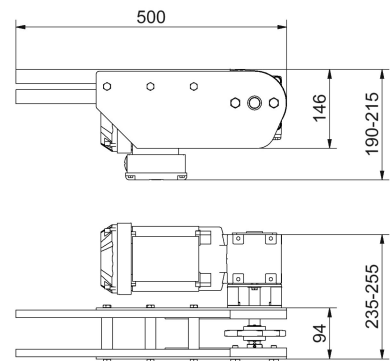
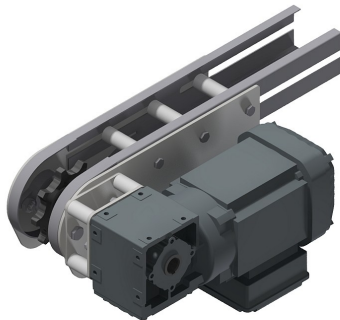
C: Motor/gear Power	D: Speed m/min at 50 Hz		
5: SEW SA37 0,37 kW	8 10 13 16	19 25 27 31	36
6: Lenze G500-B45 0,18 kW	13 15 17 19	21 25 28 31	36 41 45
7: Lenze G500-B110 0,18 kW	8 10 12 15	19 21 25 33	38 41
8: Lenze G500-B45 0,25 kW	19 22 25 28	32 36 41 46	
9: Lenze G500-B110 0,25 kW	11 12 15 19	21 25 27 31	38 42 46
10: Lenze G500-B45 0,37 kW	28 32 37 42	47	

C: Motor/gear Power	D: Speed m/min at 50 Hz		
11: Lenze G500-B110 0,37 kW	11 13 16 20	22 25 28 32	34 39 43 47
12: Lenze G500-B45 0,55 kW	26 28 32 37	42 47	
13: Lenze G500-B110 0,55 kW	17 20 22 25	28 31 39 43	47
14: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 6-31 m/min		
15: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 10-50 m/min		
	W Without motor/gear. Assembly position and shaft prepared for selected place- ment.		

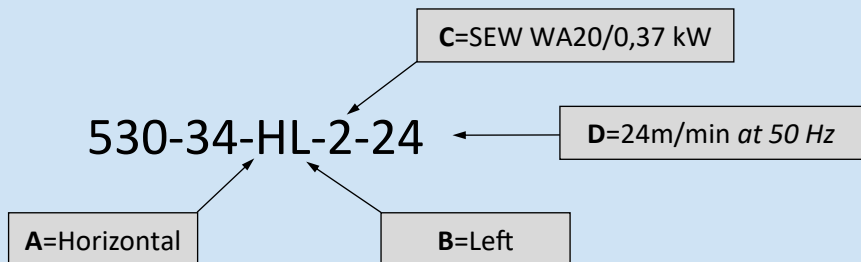
Series 530

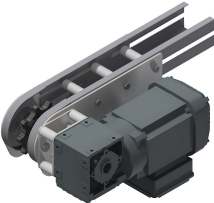
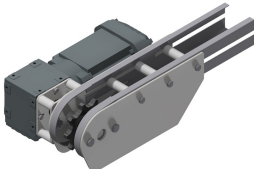
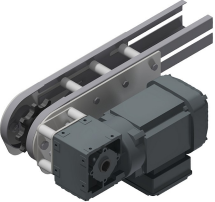
530-34

Drive unit for side grip conveyor S530.
IP55 and stainless steel hollow shaft.
Configuration of default drive unit
530-34-AB-C-D.



Order example



A: <u>Assembly position</u>	B: <u>Placement</u>	-	C: <u>Motor/gear</u> <u>Power</u>	D: <u>Speed m/min</u> <u>at 50 Hz</u>
H: Horizontal 	R: Right 		1: SEW WA20 0,25 kW 8 18 34 10 20 47 12 25 15 29	
			2: SEW WA20 0,37 kW 18 34 20 48 25 30	
V: Vertical 	L: Left 		3: SEW WA30 0,37 kW 6 15 30 8 18 34 10 20 48 12 25	
			4: SEW WA30 0,55 kW 15 34 18 48 20 30	
				W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options →

Series 530

Cont. 530-34

C: Motor/gear Power	D: Speed m/min at 50 Hz		
5: SEW SA37 0,37 kW	8 10 13 16	19 25 27 31	36
6: Lenze G500-B45 0,18 kW	13 15 17 19	21 25 28 31	36 41 45
7: Lenze G500-B110 0,18 kW	8 10 12 15	19 21 25 33	38 41
8: Lenze G500-B45 0,25 kW	19 22 25 28	32 36 41 46	
9: Lenze G500-B110 0,25 kW	11 12 15 19	21 25 27 31	38 42 46
10: Lenze G500-B45 0,37 kW	28 32 37 42	47	

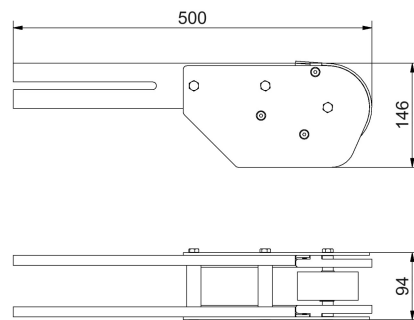
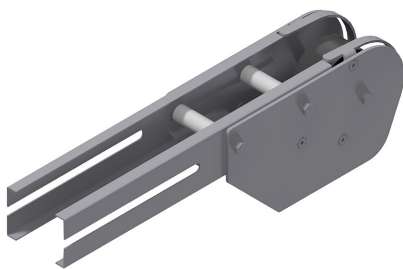
C: Motor/gear Power	D: Speed m/min at 50 Hz		
11: Lenze G500-B110 0,37 kW	11 13 16 20	22 25 28 32	34 39 43 47
12: Lenze G500-B45 0,55 kW	26 28 32 37	42 47	
13: Lenze G500-B110 0,55 kW	17 20 22 25	28 31 39 43	47
14: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 6-31 m/min		
15: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 10-50 m/min		
	W Without motor/gear. Assembly position and shaft prepared for selected place- ment.		

Series 530

Idler unit

Standard idler unit for S530
Weight 3900 g

Part no. 530-4000

**Bracket for roller transfer and bracket including roller transfer**

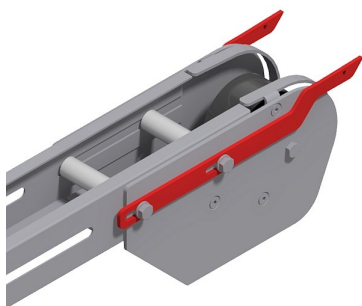
The following configuration is listed on the existing order number 530-4000- **with one/or two additional letter.**

D = 500-7330.

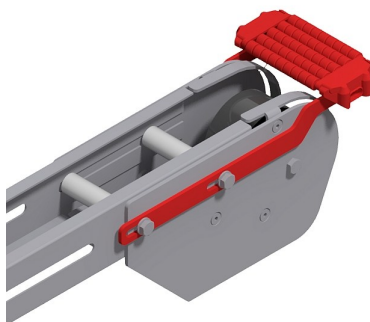
DR = 500-7330 and 500-7410.

Order example: 530-4000-**D**

D



DR



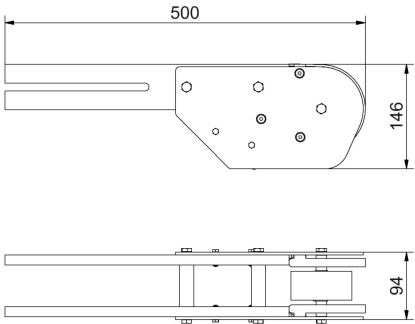
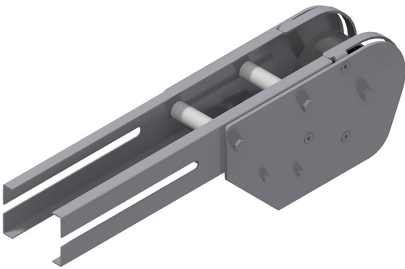
Series 530

Idler unit

Used as front idler unit for conveyor where drive unit 530-32 is included.
Configuration of idler unit

Part no. 530-4055-A

If needed, roller transfers and brackets can be found on page 71.



Order example

530-4055-1

A=830-2000

A:
Conveyor chain

1:	2:	3:	4:
830-2000 830-2010	830-2081	830-2055 830-2079 830-2110	830-2050

Series 530

Forts. 530-4055-A

Bracket for roller transfer and connecting strip between conveyors

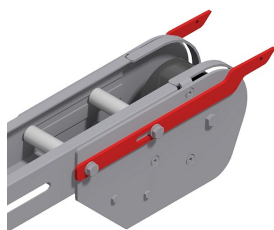
The following configuration is listed on order number 530-4055-A- **with one additional letter**.

D = 500-7325.

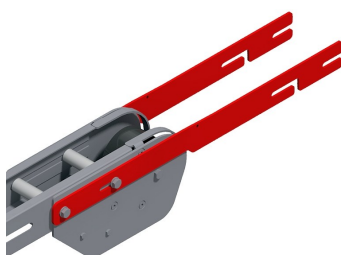
E = 500-7320, 7 mm level difference.

Order example: 530-4055-1-**D**

D



E



Bracket for roller transfer and connecting strip including roller transfer

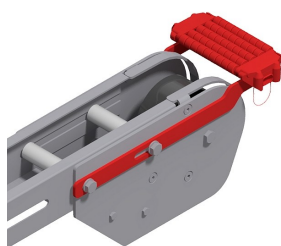
The following configuration is listed on the existing order number 530-4055-A- **with two extra letters**.

DR = 500-7325 and 500-7410.

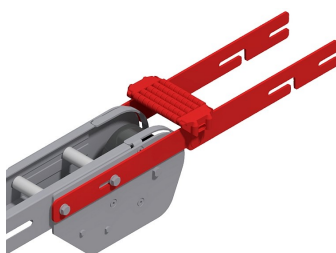
ER = 500-7320 and 500-7410, 7 mm level difference.

Order example: 530-4055-1-**DR**

DR



ER

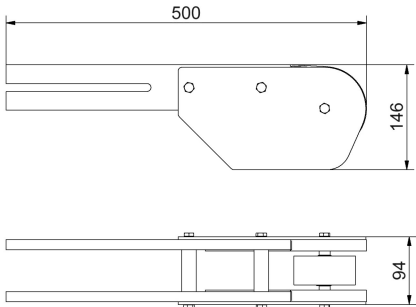
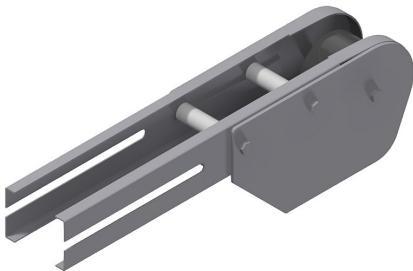


Series 530

Idler unit

Idler unit for side grip conveyor.
Used with 530-34.

Part no. 530-4010



Series 530

Wheel bend

Standard wheel bend S530 with R150 mm
Stainless steel and wheel in plastic

Configuration of default wheel bend
Part no. 530-5025-A

A= angle on bend

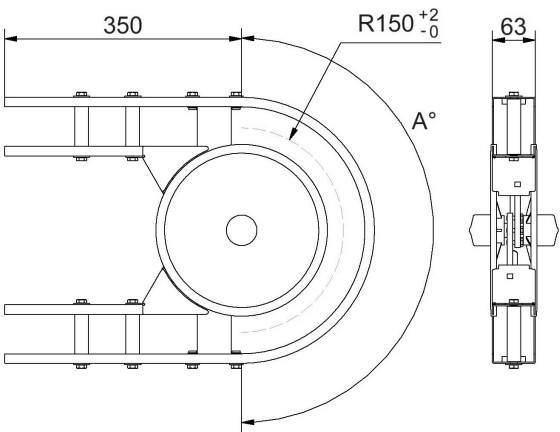
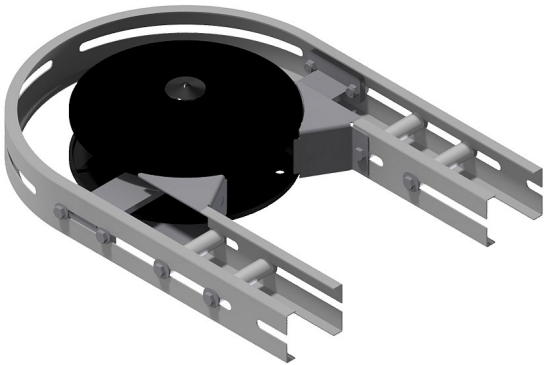
Standard angles for R150
A = 45°
A = 90°
A = 180°

Other angles are manufactured on request
Conneting strip 500-4320 is ordered separately

Order example

530-5025-45

A= 45°



Series 530

Wheel bend

Standard wheel bend S530 with R200 mm
Stainless steel and wheel in plastic

Configuration of default wheel bend
Part no. 530-5055-A

A= angle on bend

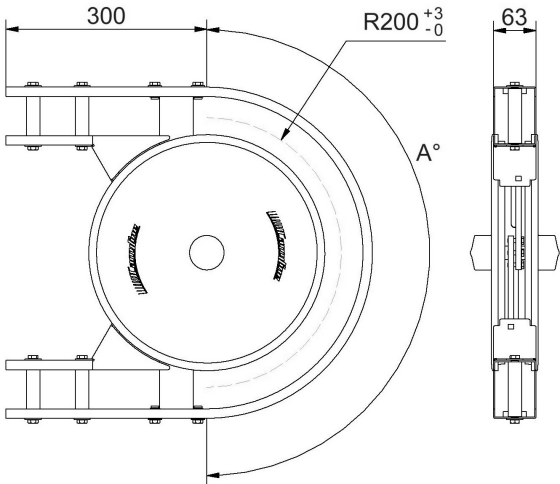
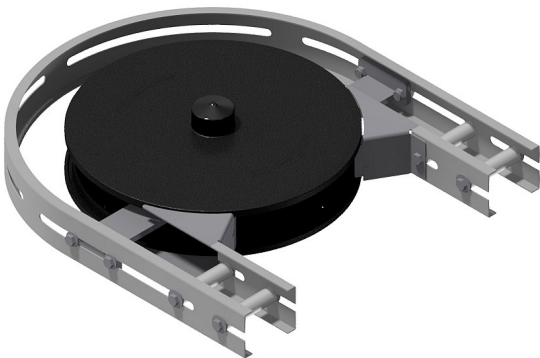
Standard angles for R200
A = 45°
A = 90°
A = 180°

Other angles are manufactured on request
Conneting strip 500-4320 is ordered separately

Order example

530-5055-45

A= 45°

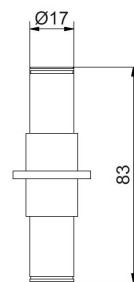


Series 530

Shaft

For wheel bend R150
Stainless steel
Weight 145 g

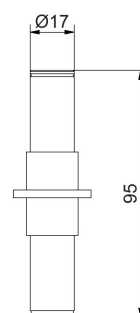
Part no. 14261_3



Shaft

For wheel bend R200
Stainless steel
Weight 165 g

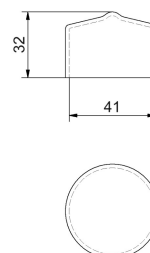
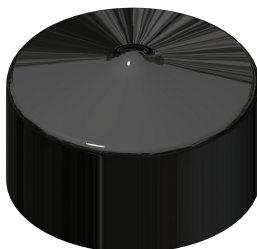
Part no. 14261_2



Plastic cover

For disc Ø252
Black PVC
Weight 11 g

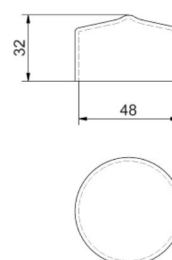
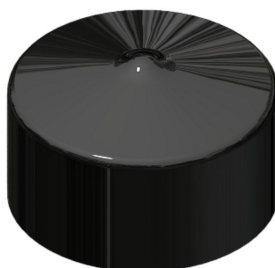
Part no. 830-5031



Plastic cover

For disc Ø350
Black PVC
Weight 15 g

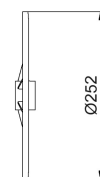
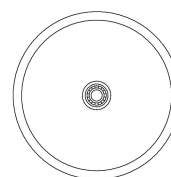
Part no. 830-5062



Series 530

Disc

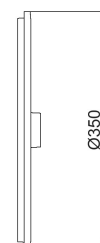
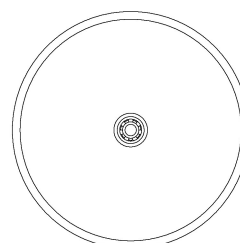
Upper disc for wheel bend R150
Complete with bearing SS6203-2RS
Black nylon
Weight 335 g



Part.no 530-5027

Disc

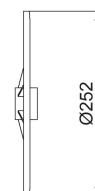
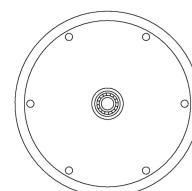
Upper disc for wheel bend R200
Complete with bearing SS6203-2RS
Black nylon
Weight 825 g



Part.no 530-5060

Disc

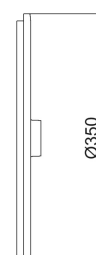
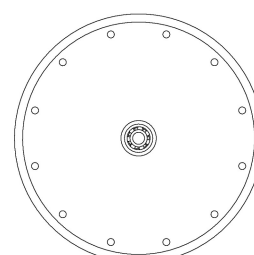
Lower disc for wheel bend R150
Complete with bearing SS6203-2RS
Black nylon
Weight 320 g



Part.no 17589

Disc

Lower disc for wheel bend R200
Complete with bearing SS6203-2RS
Black nylon
Weight 800 g



Part.no 17590

Series 530

Plain bend S530

Standard plain bend S530
Stainless steel

Plain bend configuration
Part no. 530-5375-A-B

A= bend radius
B= angle on bend
The following radius and angles are standard

A = Radius	B = Angle
200 mm	15°, 30°, 45°, 90°, 180°
300 mm	15°, 30°, 45°, 90°, 180°
400 mm	15°, 30°, 45°, 90°, 180°
500 mm	15°, 30°, 45°, 90°, 180°
600 mm	15°, 30°, 45°, 90°, 180°
900 mm	15°, 30°, 45°, 90°, 180°

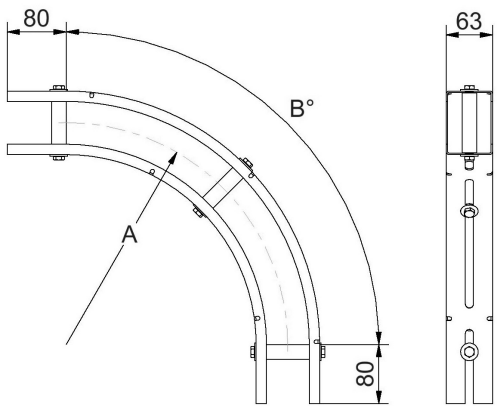
Other radius and angles are manufactured on request

Order example

530-5375-600-90

A= 600 mm

B= 90°



Series 530

Vertical bend

Standard vertical bend R400
Stainless steel

Vertical bend configuration
Part no. 530-5645-A

A= angle on bend

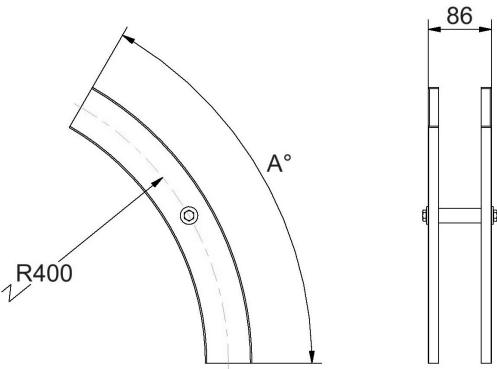
Standard angles for R400
A = 10°
A = 15°
A = 20°
A = 30°
A = 45°
A = 60°
A = 90°

Other radius and angles are manufactured on request
Minimum 10°

Order example

530-5645-45

A= 45°



Series 530

Vertical bend

Standard vertical bend R860
Stainless steel

Vertical bend configuration
Part no. 530-5695-A

A= angle on bend

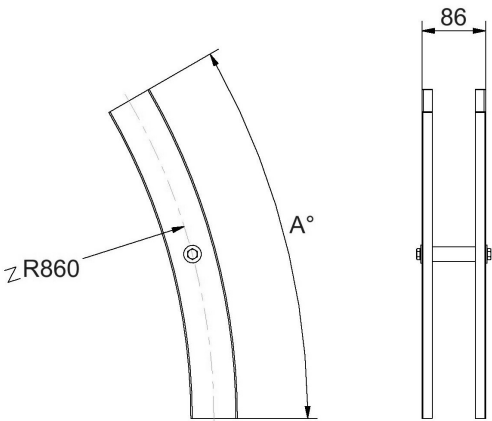
Standard angles for R860
A = 5°
A = 10°
A = 15°
A = 20°
A = 30°
A = 45°
A = 60°
A = 90°

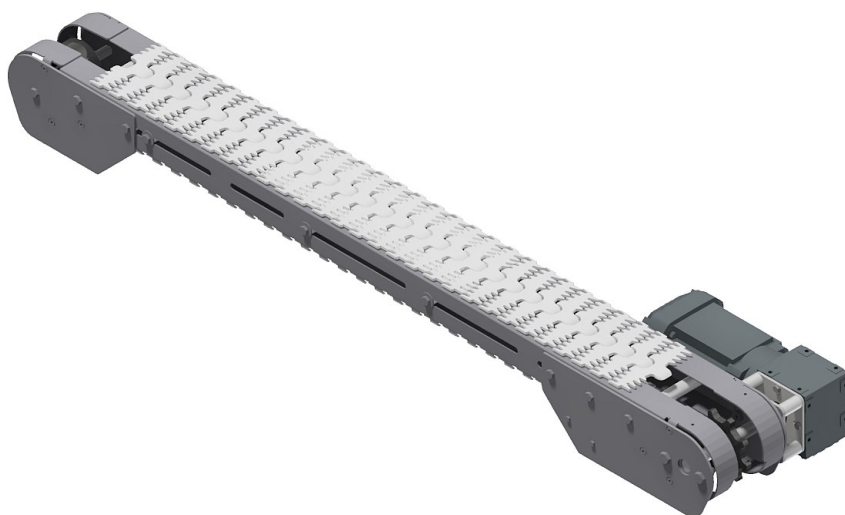
Other radius and angles are manufactured on request
Minimum 5°

Order example

530-5695-45

A= 45°





S540

