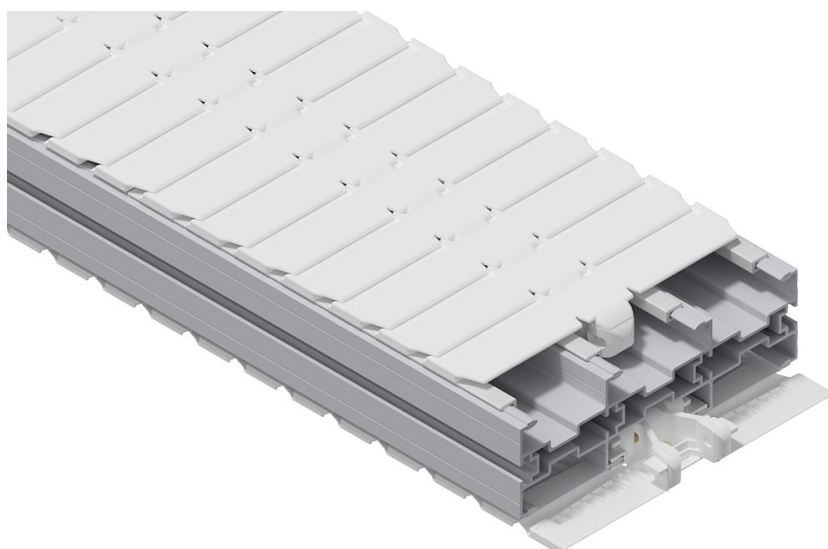


Series 220

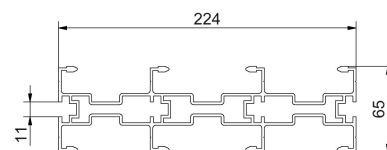
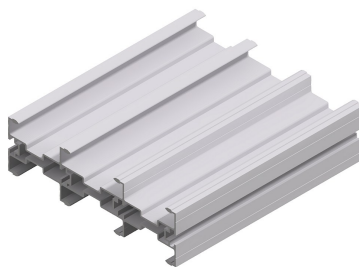


Technical specification S220	
Width of chain	220 mm
Chain pitch	38 mm
Width conveyor profile	224 mm
Height conveyor	80 mm
Radius conveyor chain on the drive and idler unit	70 mm
Max. permitted traction on the conveyor chain	1250 N
Weight conveyor	≈ 11,5 kg/m **
Recommended maximum load on conveyor	≈ 200 kg *
Recommended maximum load	≈ 20 kg/m *
Recommended maximum length of conveyor	≈ 20 m *
Recommended maximum speed	40 m/min
Minimum radius on horizontal bend	R 600 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	Anodized aluminum
* 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 220

Conveyor profile S220

Anodized aluminum
Weight 5400 g/m
Length 5.8 m
Qty/package 5 pcs



Part no. 220-1000

Series 220

Conveyor chain S220

Acetal, nylon and stainless steel.

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

Allowed traction force 1250 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

F = Flocked

Order example 220-2000L

Overlap chain

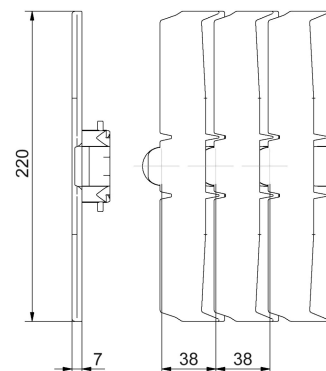
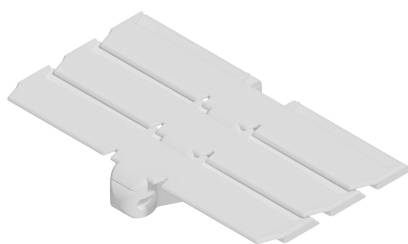
Slat standard chain for S220 and S560

Weight 2340 g/m

Qty 27 pcs/m

Part no. 220-2300

Part no. 220-2300-BLUE



Top flight for overlap chain

Weight 54 g

Part no. 220-2301

Part no. 220-2301-BLUE

Overlap chain friction

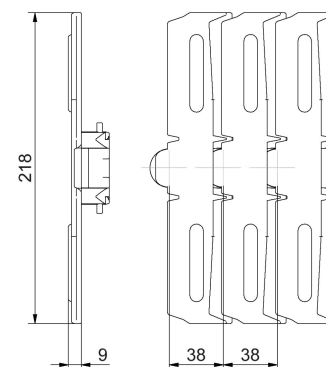
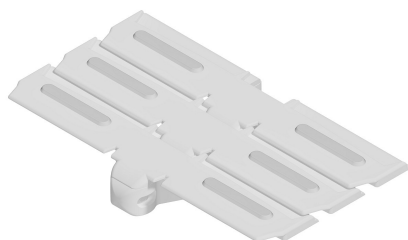
Standard chain with friction top flight
for S220 and S560

Weight 2420 g/m

Qty 27 pcs/m

Part no. 220-2310

Part no. 220-2310-BLUE



Top flight for friction overlap chain

Weight 57 g

Part no. 220-2311

Part no. 220-2311-BLUE

Series 220

Finger chain

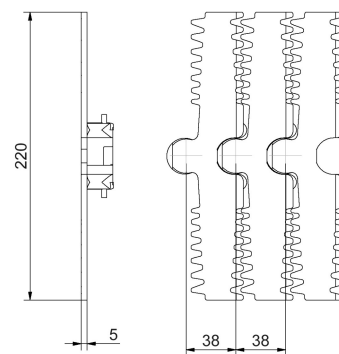
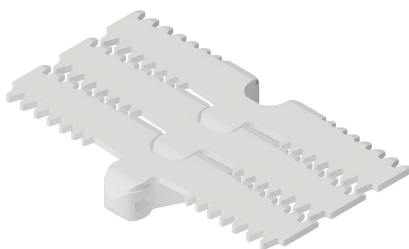
Slat standard chain for S220 and S560

Weight 2160 g/m

Qty 27 pcs/m

Part no. 220-2000

Part no. 220-2000-BLUE



Top flight for standard chain

Weight 46 g

Part no. 220-2001

Part no. 220-2001-BLUE

Finger chain friction

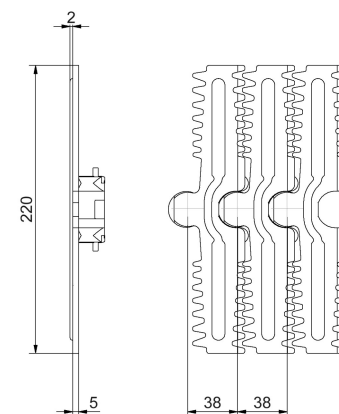
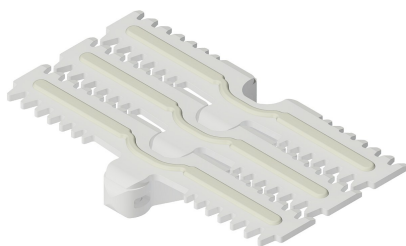
Standard chain with friction top flight
for S220 and S560

Weight 2211 g/m

Qty 27 pcs/m

Part no. 220-2010

Part no. 220-2010-BLUE



Top flight for friction chain

Weight 47 g

Part no. 220-2011

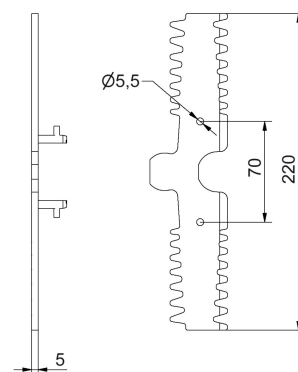
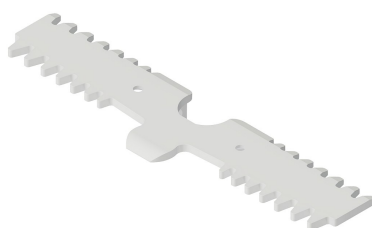
Part no. 220-2011-BLUE

Series 220

Top flight for carrier

For S220 and S560
Weight 43 g

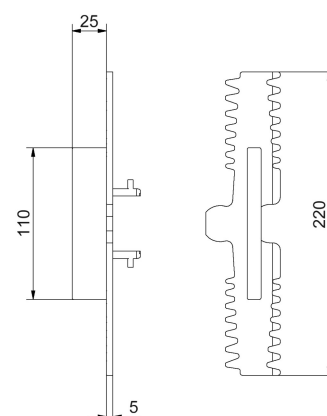
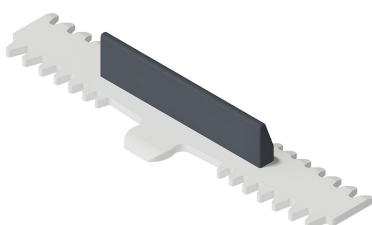
Part no. 220-2075



Top flight with carrier

For S220 and S560
Weight 70 g

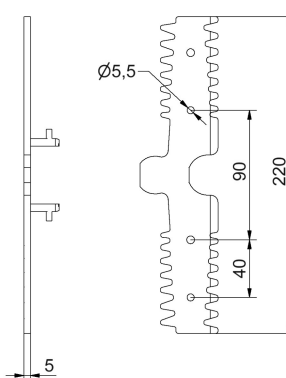
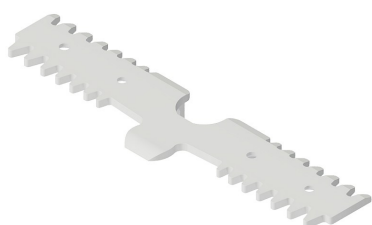
Part no. 220-2081



Top flight for carrier

For S220 and S560
Weight 42 g

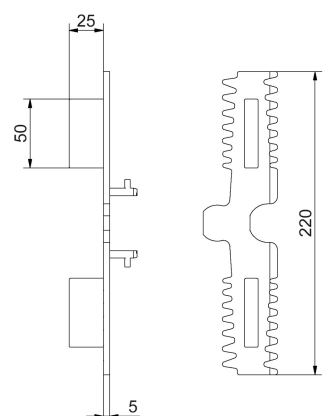
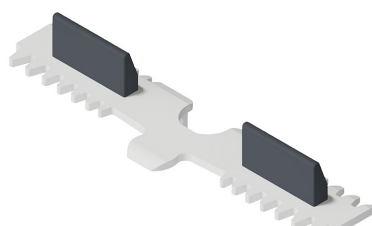
Part no. 220-2085



Top flight with carrier

For S220 and S560
Weight 75 g

Part no. 220-2086



Series 220

220-30

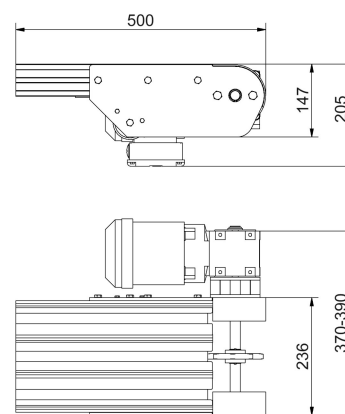
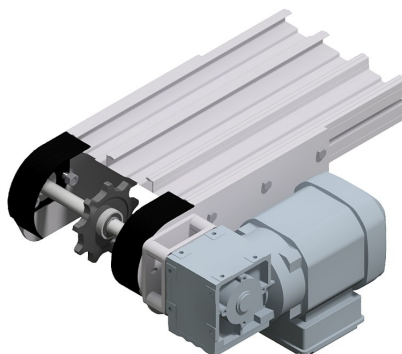
Drive unit with direct transmission S220. IP55.

Configuration of default drive with direct transmission. **220-30-ABC-D-E.**

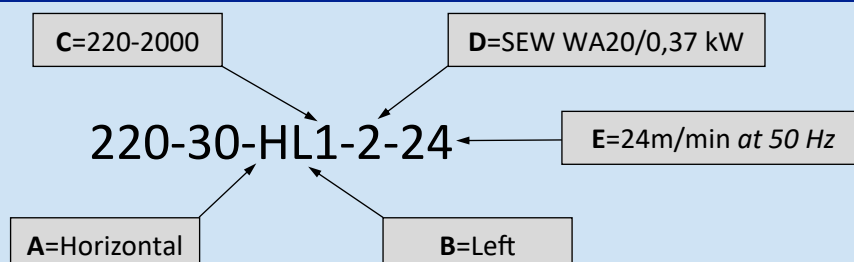
If needed, roller transfers and brackets can be found on page 64.

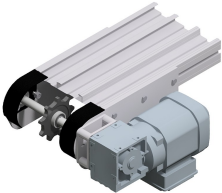
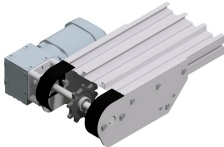
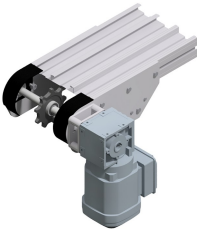
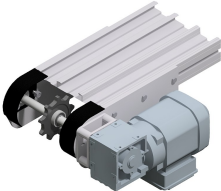
Weight without motor 5900 g

Weight with motor 12900-18900 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: 220-2300 220-2310 220-2000 220-2010 2: 220-2081		1: SEW WA20 0,25 kW 2: SEW WA20 0,37 kW	<table><tr><td>8</td><td>18</td><td>34</td></tr><tr><td>10</td><td>20</td><td></td></tr><tr><td>12</td><td>25</td><td></td></tr><tr><td>15</td><td>29</td><td></td></tr></table> <table><tr><td>18</td><td>34</td></tr><tr><td>20</td><td></td></tr><tr><td>25</td><td></td></tr><tr><td>30</td><td></td></tr></table>	8	18	34	10	20		12	25		15	29		18	34	20		25		30	
8	18	34																							
10	20																								
12	25																								
15	29																								
18	34																								
20																									
25																									
30																									
V: Vertical 	L: Left 	3: 220-2086		3: SEW WA30 0,37 kW 4: SEW WA30 0,55 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></td></tr><tr><td>12</td><td>25</td><td></td></tr></table> <table><tr><td>15</td><td>34</td></tr><tr><td>18</td><td></td></tr><tr><td>20</td><td></td></tr><tr><td>30</td><td></td></tr></table>	6	15	30	8	18	34	10	20		12	25		15	34	18		20		30	
6	15	30																							
8	18	34																							
10	20																								
12	25																								
15	34																								
18																									
20																									
30																									
					W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options →																				

Series 220

Cont. 220-30

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
7: Lenze G500-B110 0,18 kW	8 10 12 15	19 21 25 33	38
8: Lenze G500-B45 0,25 kW	19 22 25 28	32 36	
9: Lenze G500-B110 0,25 kW	11 12 15 19	21 25 27 31	38
10: Lenze G500-B45 0,37 kW	28 32 37		

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
12: Lenze G500-B45 0,55 kW	26 28 32 37		
13: Lenze G500-B110 0,55 kW	17 20 22 25	28 31 39	
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 220

Cont. 220-30

Bracket for roller transfer and connecting strip between conveyors

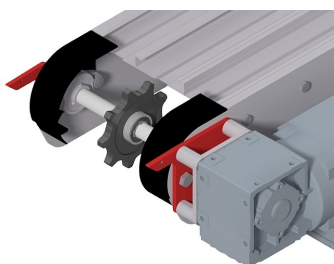
The following configuration is listed on order number 220-30-ABC-D-E- **with one additional letter**.

D = 900-7300 and 900-7325.

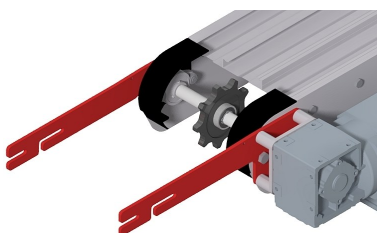
E = 900-7310 and 900-7320, 7 mm level difference between.

Order example: 220-30-HL1-2-24-**D**

D



E



Bracket for roller transfer and connecting strip including roller transfer

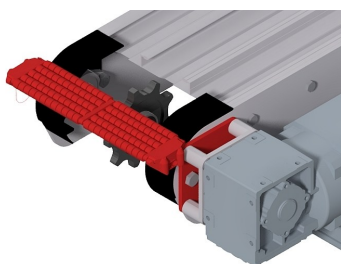
The following configuration is listed on the existing order number 220-30-ABC-D-E- **with two extra letters**.

DR = 900-7300, 900-7325 and 900-7430.

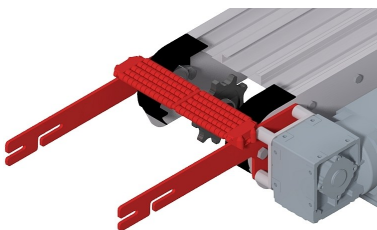
ER = 900-7310, 900-7320 and 900-7430, 7 mm level difference between conveyor.

Order example: 220-30-HL1-2-24-**DR**

DR



ER



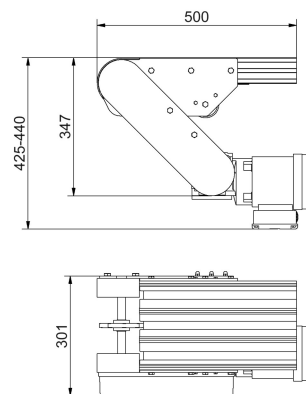
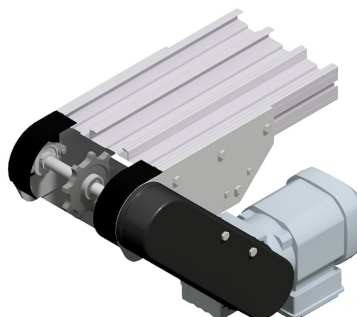
Series 220

220-31

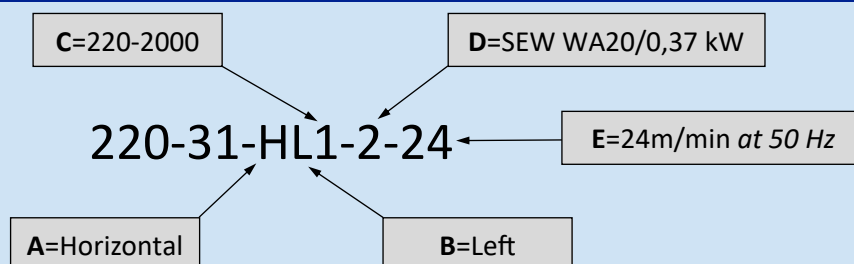
Drive unit with suspended motor with chain transmission S220.
IP55.

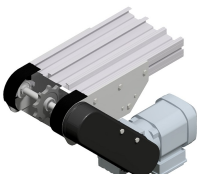
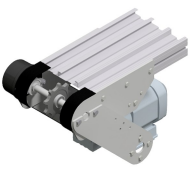
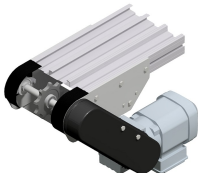
Configuration of default drive
220-31-ABC-D-E.

If needed, roller transfers and brackets can be found on page 67.



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: 220-2000 220-2010		1: SEW WA20 0,25 kW	8 18 34 10 20 12 25 15 29
		2: 220-2081		2: SEW WA20 0,37 kW	18 34 20 25 30
V: Vertical 	L: Left 	3: 220-2086		3: SEW WA30 0,37 kW	6 15 30 8 18 34 10 20 12 25
				4: SEW WA30 0,55 kW	15 34 18 20 30
					W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options —————→

Series 220

Cont. 220-31

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

D: Motor/gear Power	E: Speed m/min at 50 Hz
11: Lenze G500-B110 0,37 kW	11 22 34 13 25 39 16 28 20 32
12: Lenze G500-B45 0,55 kW	26 28 32 37
13: Lenze G500-B110 0,55 kW	17 28 20 31 22 39 25
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 67.

Series 220

Cont. 220-31

Bracket for roller transfer and connecting strip between conveyors

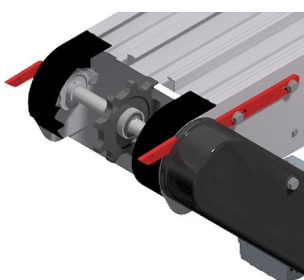
The following configuration is listed on order number 220-31-ABC-D-E- **with one additional letter**.

D = 900-7112.

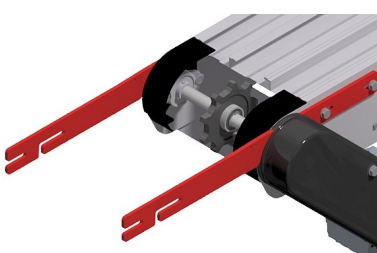
E = 900-7120, 7 mm level difference.

Order example: 220-31-HL1-2-24-**D**

D



E



Bracket for roller transfer and connecting strip including roller transfer

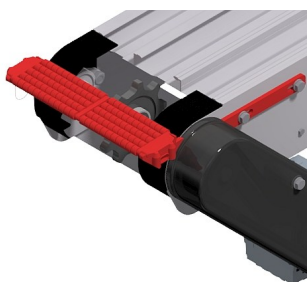
The following configuration is listed on the existing order number 220-31-ABC-D-E- **with two extra letters**.

DR = 900-7325 and 900-7430.

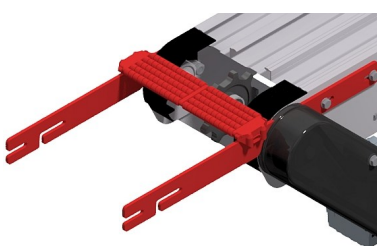
ER = 900-7320 and 900-7430, 7 mm level difference between conveyors.

Order example 220-31-HL1-2-24-**DR**

DR



ER



Series 220

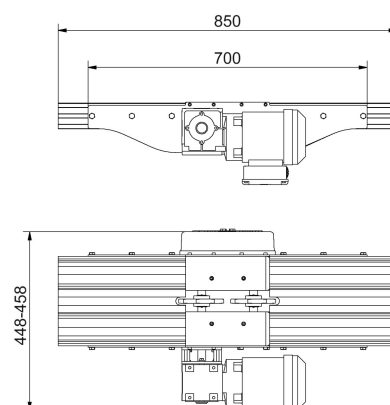
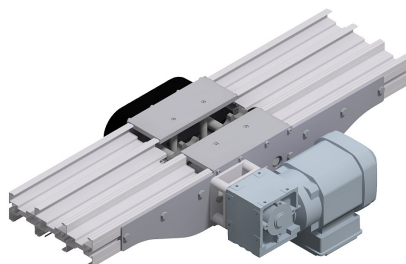
220-32

Drive unit with intermediate motor and returnchain S220.
IP55.

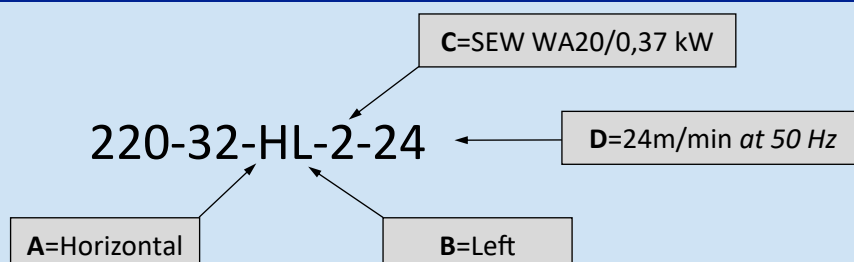
Configuration of default drive

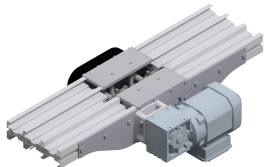
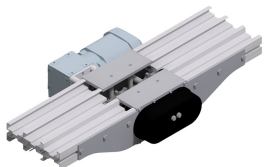
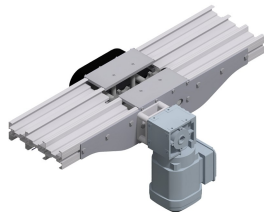
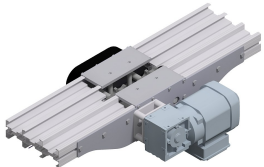
220-32-AB-C-D.

Use 220-4055 as front idler unit.



Order example



A: <u>Assembly position</u>	B: <u>Placement</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: SEW WA20 0,25 kW	8 18 34 10 20 12 25 15 29
			2: SEW WA20 0,37 kW	18 34 20 25 30
V: Vertical 	L: Left 		3: SEW WA30 0,37 kW	6 15 30 8 18 34 10 20 12 25
			4: SEW WA30 0,55 kW	15 34 18 20 30
				W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options →

Series 220

Cont. 220-32

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

D: Motor/gear Power	E: Speed m/min at 50 Hz
11: Lenze G500-B110 0,37 kW	11 22 34 13 25 39 16 28 20 32
12: Lenze G500-B45 0,55 kW	26 28 32 37
13: Lenze G500-B110 0,55 kW	17 28 20 31 22 39 25
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.

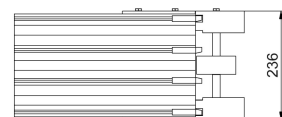
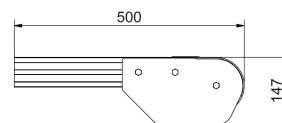
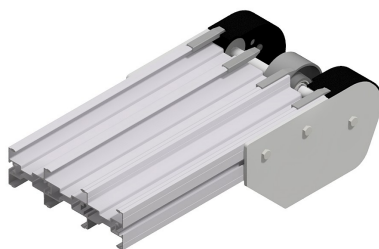
Series 220

Idler unit

Standard idler unit to S220

Weight 3900 g

Part no. 220-4005

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

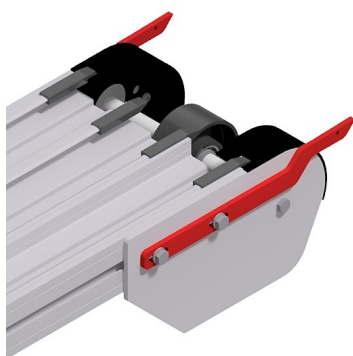
The following configuration is listed on order number 220-4005- **with an additional letter**.

D = 900-7330.

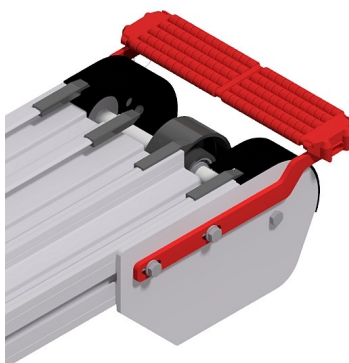
DR = 900-7330 and 900-7430.

Order example: 220-4005-**D**

D



DR



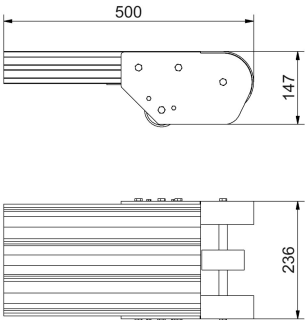
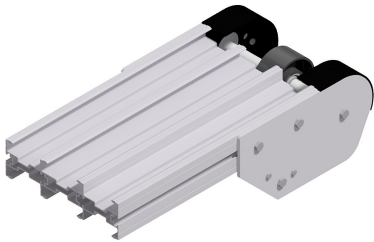
Series 220

Idler unit

Used as front idler unit for conveyor where drive unit 220-32 is included.
Configuration of idler unit

Part no. 220-4055-A

If needed, roller transfers and brackets can be found on page 72.



Order example

A=220-2000

220-4055-1

A: Conveyor chain		
1: 220-2000 220-2010	2: 220-2081	3: 220-2086

Series 220

Cont. 220-4055-A

Bracket for roller transfer and connecting strip between conveyors

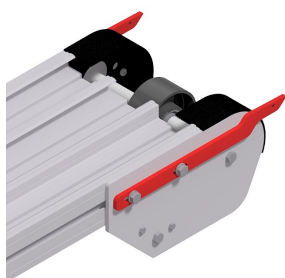
The following configuration is listed on order number 220-4055-A- **with one additional letter**.

D = 900-7325.

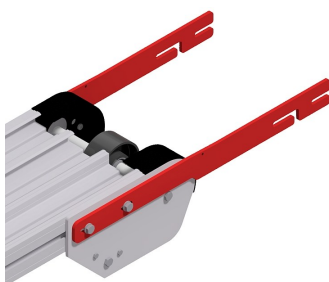
E = 900-7320, 7 mm level difference.

Order example: 220-4055-1-**D**

D



E



Bracket for roller transfer and connecting strip including roller transfer

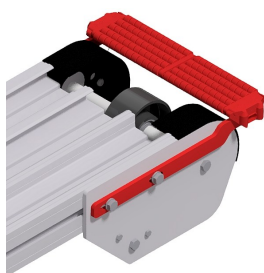
The following configuration is listed on the existing order number 220-4055-1- **with two extra letters**.

DR = 900-7325 and 900-7430.

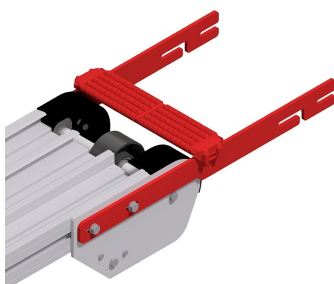
ER = 900-7320 and 900-7430, 7 mm level difference.

Order example: 220-4055-1-**DR**

DR



ER



Series 220

Plain bend

Standard plain bend S220
R600 consists of an aluminum profile
Other radius of four aluminum profiles and plastic clamp.

Plain bend configuration

Part no. 220-5375-A-B

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

A = Radius	B = Angle
600 mm	15°, 30°, 45°, 90°, 180°
900 mm	15°, 30°, 45°, 90°, 180°

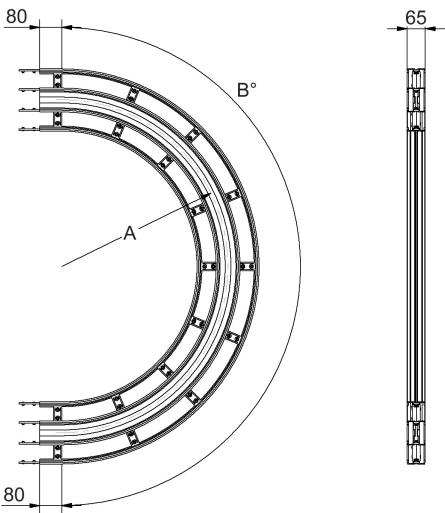
Other radius and angles are manufactured on request

Order example

220-5375-600-90

A= 600 mm

B= 90°



Series 220

Vertical bend

Standard vertical bend R400

Anodized aluminum and curve clamps in plastic

Vertical bend configuration

Part no. 220-5645-A

A= Angle on bend

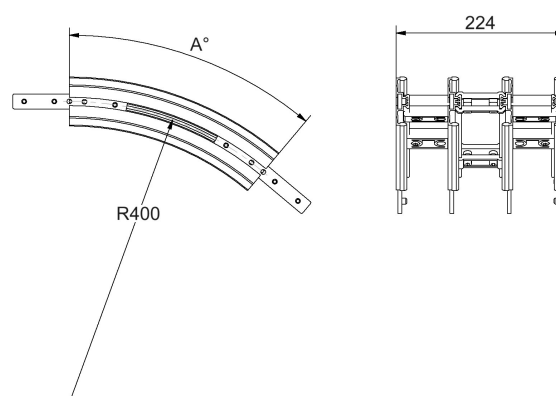
Standard angles for R400
A = 10°
A = 15°
A = 20°
A = 30°
A = 45°
A = 60°
A = 90°

Other radius and angles are manufactured on request.
Minimum 10°

Order example

220-5645-45

A= 45°



Series 220

Vertical bend

Standard vertical bend R860
Anodized aluminum and curve clamps in plastic

Vertical bend configuration
Part no. 220-5695-A

A= Angle on bend

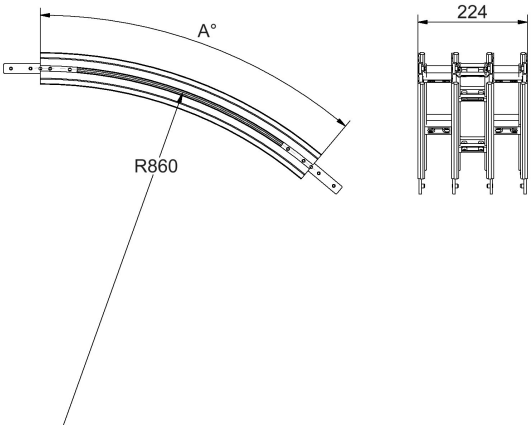
Standard angles for R860
A = 5°
A = 10°
A = 15°
A = 20°
A = 30°
A = 45°
A = 60°
A = 90°

Other radius and angles are manufactured on request.
Minimum 5°

Order example

220-5695-45

A= 45°





S300

