



Juncor 



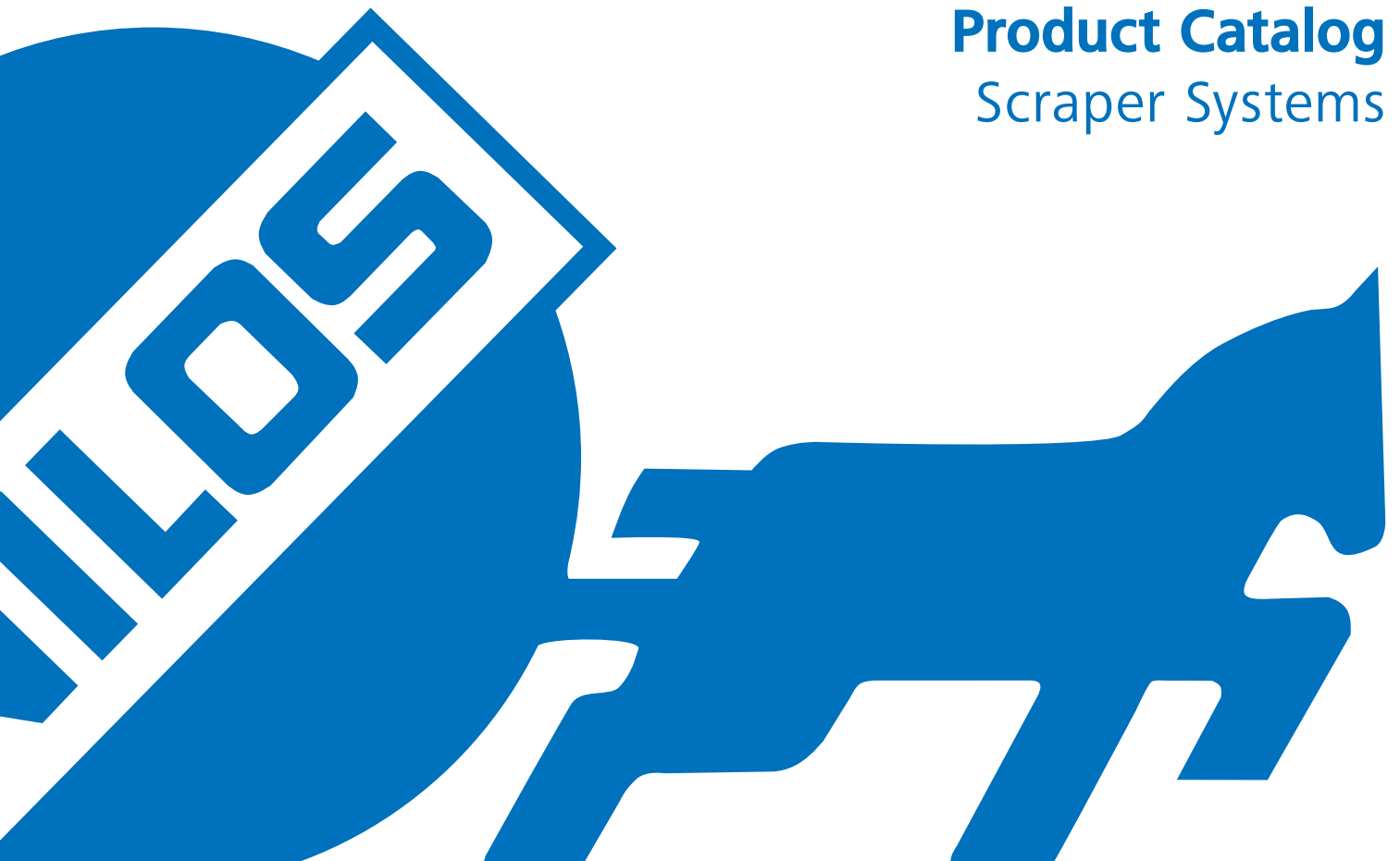
Catálogo Raspadores





NILOS

Product Catalog Scraper Systems





NILOS

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ZILLER Holding



NILOS GmbH & Co. KG

Conveyor belt Equipment

- Installation service
- Scope of delivery and reconditioning of conveyor belts
- Wear resistant lagging and lining
- Vulcanizing presses
- Tools
- Materials for hot vulcanization, cold bonding and repair
- Spare parts
- Belt cleaning systems

info@nilos.de

Watch our Company-Movie on
www.nilos.de



ZILLER GmbH & Co. KG

Seals for Anti-friction Bearing

- NILOS-Ring for grease lubricated ball
- Roller and taper roller bearings
- Z and RS bearings
- NILOS-Ring LSTO labyrinth seals
- Distance rings

info@nilos-ring.de

www.nilos-ring.de



KROLL & ZILLER GmbH & Co. KG

Gasket Technology

- G-ST flange and profile gaskets
- Sealing technology
- Other flange gaskets and packings

info@kroll-ziller.de

www.kroll-ziller.de





NILOS



2017

Joint Venture with LUTZE Group
Foundation: NILOS Schweiz AG

2015

NILOS Rollers

2010

Certification of all companies within the
Ziller Holding according to DIN EN ISO 9001:2008

2009

New Scope: NILOS campus

1995

Introduction of the Quality Management system

1975

Various company acquisitions at home and abroad

1949

Foundation: NILOS GmbH

1941

Foundation: Ziller & Co. roller bearing seals
Foundation: Kroll & Ziller flange

1926

Engineering Office Paul Wever - Entry Hans J. Ziller

1951



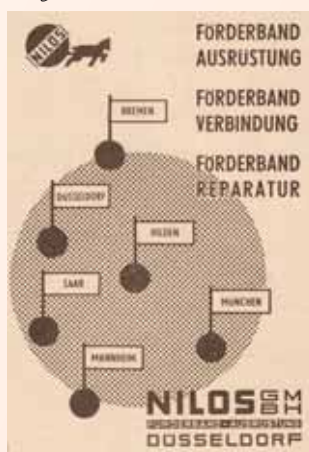
1953



1956



1957



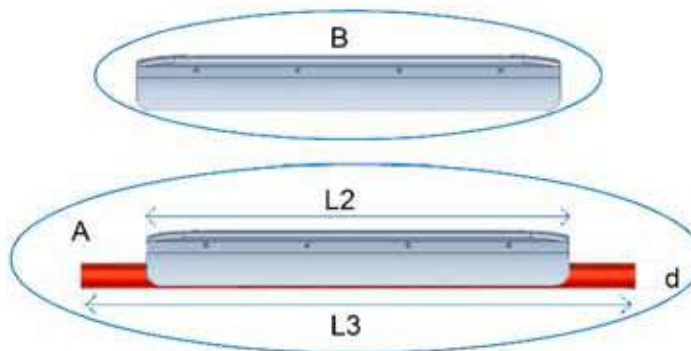
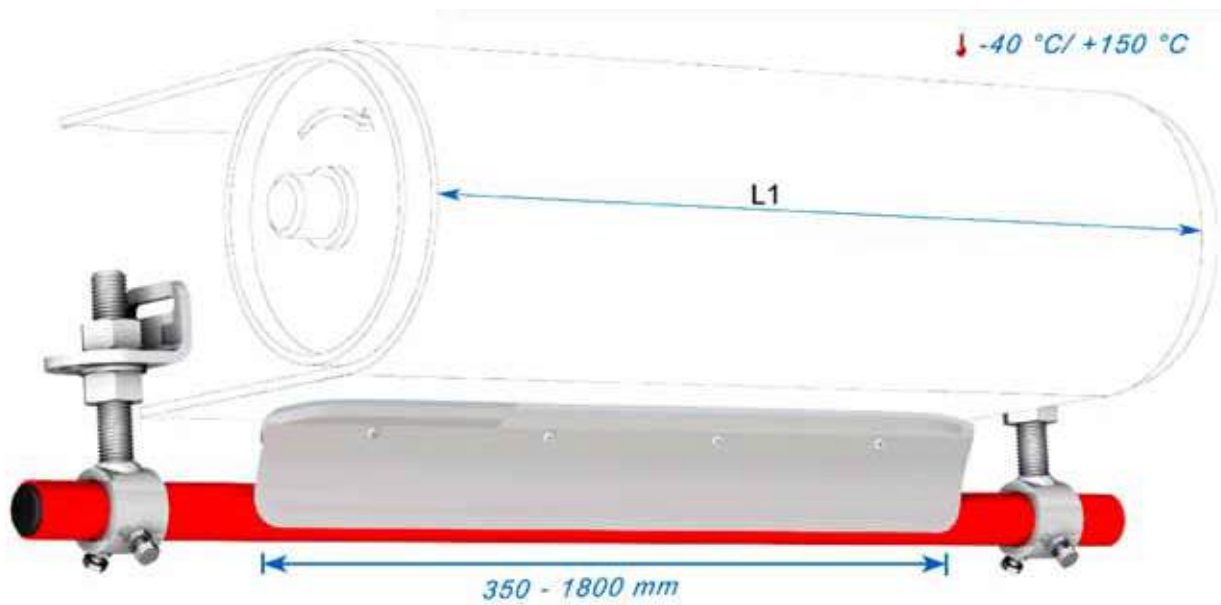
1965



1966

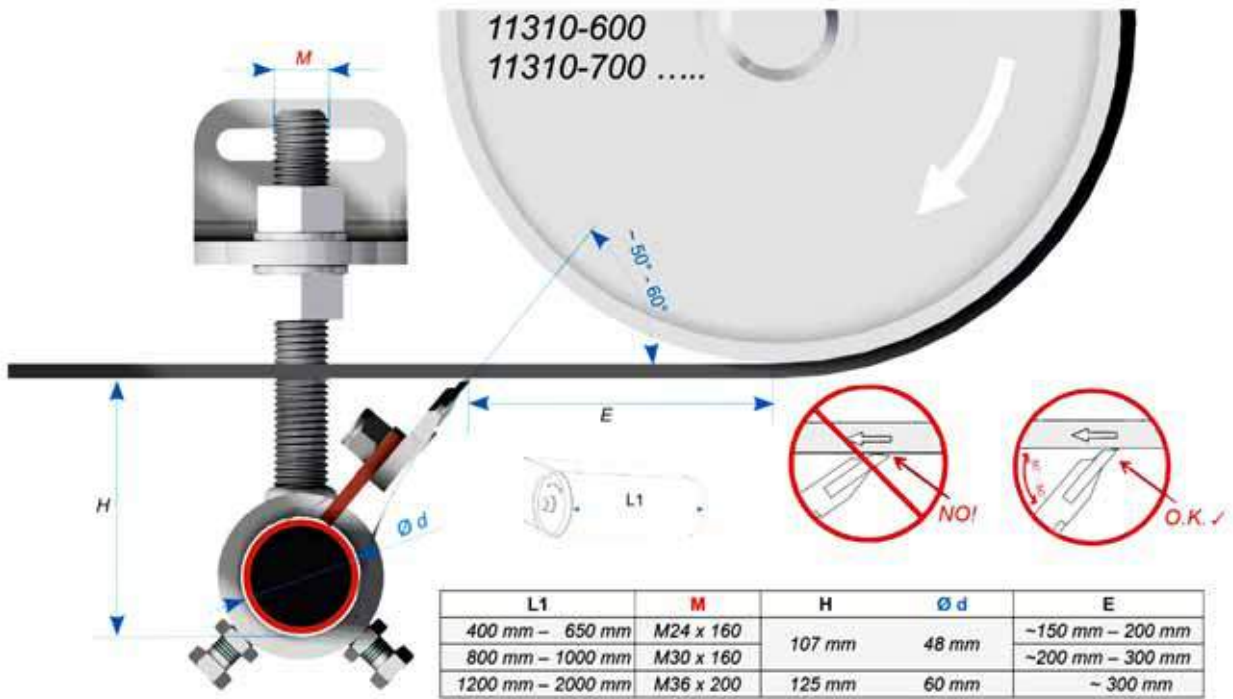


DURO-FLEX® Linear

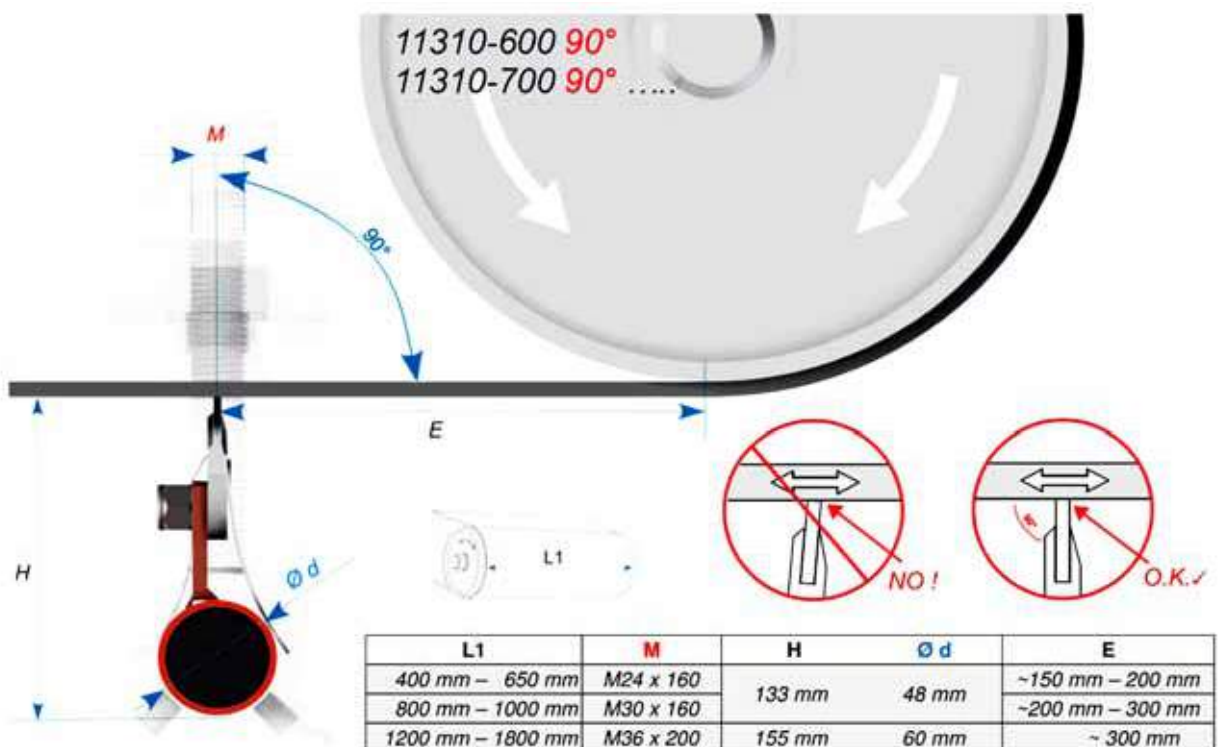


L1 mm	L2 mm	L3 mm	Ø d mm	A	€	B	€	C	D
400	350	900	48	11310 - 350		11320 - 350		M24 x 160 (53310 - 48)	53315
500	450	1000	"	11310 - 450		11320 - 450			
650	550	1200	"	11310 - 550		11320 - 550			
650	600	1200	"	11310 - 600		11320 - 600			
800	700	1300	"	11310 - 700		11320 - 700		M30 x 160 (53311 - 48)	53316
800	750	1300	"	11310 - 750		11320 - 750			
1000	900	1500	"	11310 - 900		11320 - 900			
1000	950	1500	"	11310 - 950		11320 - 950			
1200	1050	1700	60	11310 - 1050		11320 - 1050		M36 x 200 (53312 - 60)	53316
1200	1125	1700	"	11310 - 1125		11320 - 1125			
1400	1200	1900	"	11310 - 1200		11320 - 1200			
1400	1300	1900	"	11310 - 1300		11320 - 1300			
1600	1400	2100	"	11310 - 1400		11320 - 1400			
1600	1500	2100	"	11310 - 1500		11320 - 1500			
1800	1600	2300	60	* 11310 - 1600		11320 - 1600			
1800	1700	2500	"	* 11310 - 1700		11320 - 1700			
2000	1800	2500	"	* 11310 - 1800		11320 - 1800			

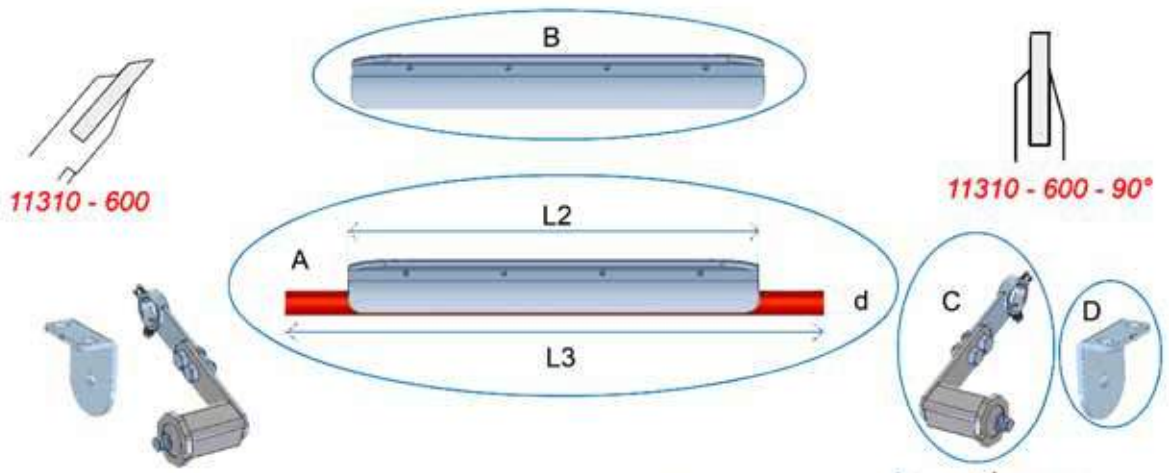
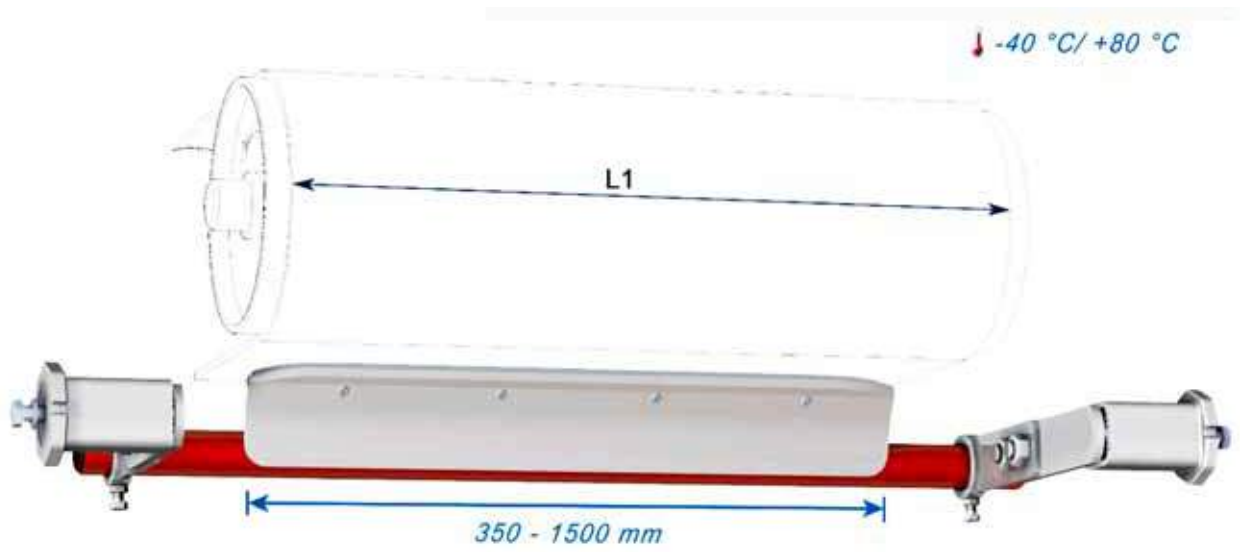
* Ø 76 mm (+20%)



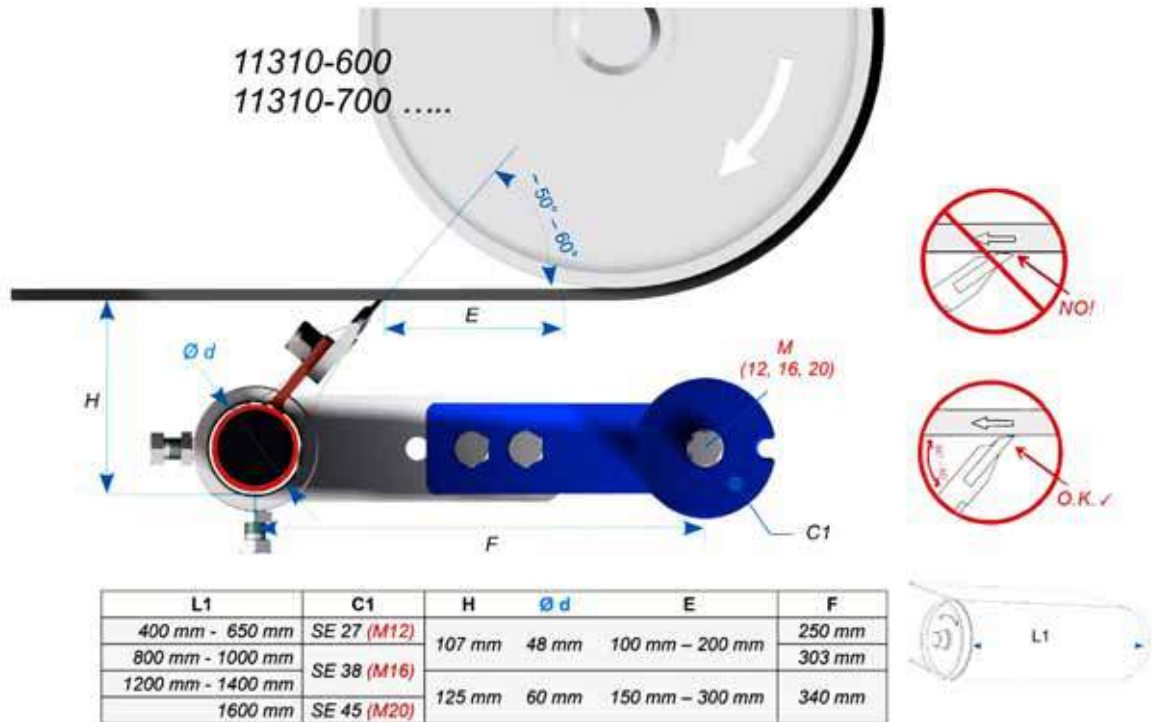
DURO-FLEX® Linear 90°



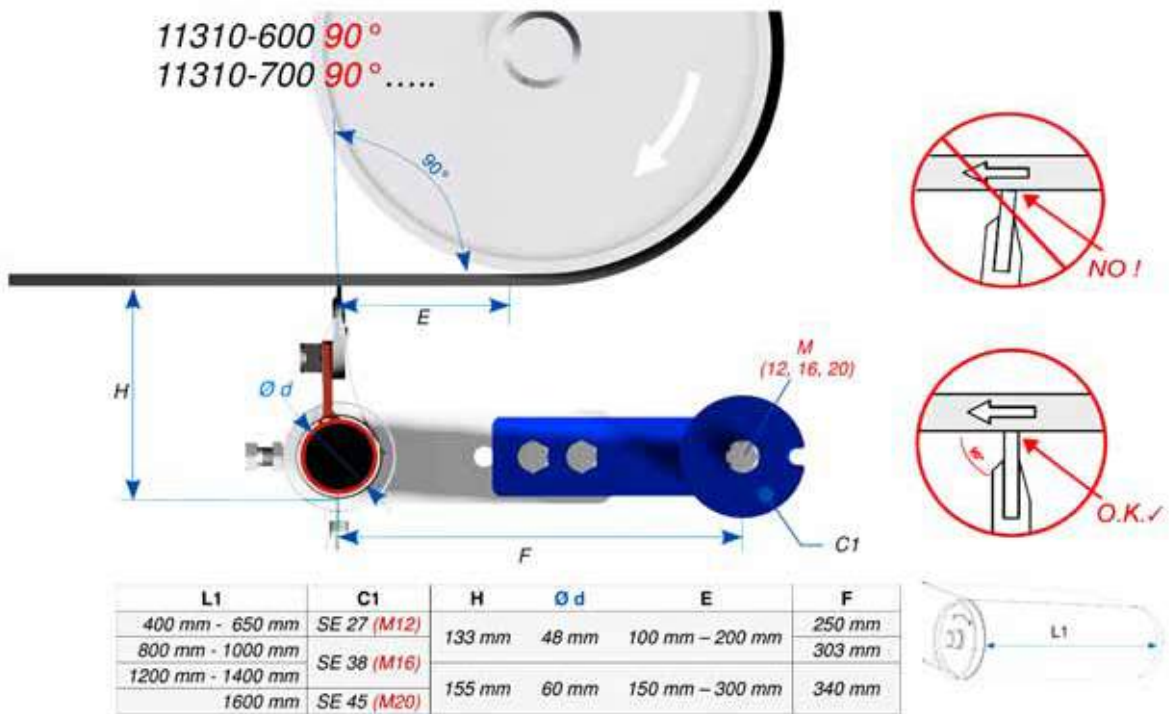
DURO-FLEX® Linear



L1 mm	L2 mm	L3 mm	Ø d mm	A	€	B	€	C	D
400	350	900	48	11310 - 350		11320 - 350		SE 27 (51271 - 48)	51027 - 1
500	450	1000	"	11310 - 450		11320 - 450			
650	550	1200	"	11310 - 550		11320 - 550		SE 38 (51381 - 48)	51038 - 1
650	600	1200	"	11310 - 600		11320 - 600			
800	700	1300	"	11310 - 700		11320 - 700		SE 38 (51381 - 60)	51045 - 1
800	750	1300	"	11310 - 750		11320 - 750			
1000	900	1500	"	11310 - 900		11320 - 900			
1000	950	1500	"	11310 - 950		11320 - 950			
1200	1050	1700	60	11310 - 1050		11320 - 1050			
1200	1125	1700	"	11310 - 1125		11320 - 1125			
1400	1200	1900	"	11310 - 1200		11320 - 1200			
1400	1300	1900	"	11310 - 1300		11320 - 1300			
1600	1400	2100	"	11310 - 1400		11320 - 1400			
1600	1500	2100	"	11310 - 1500		11320 - 1500			

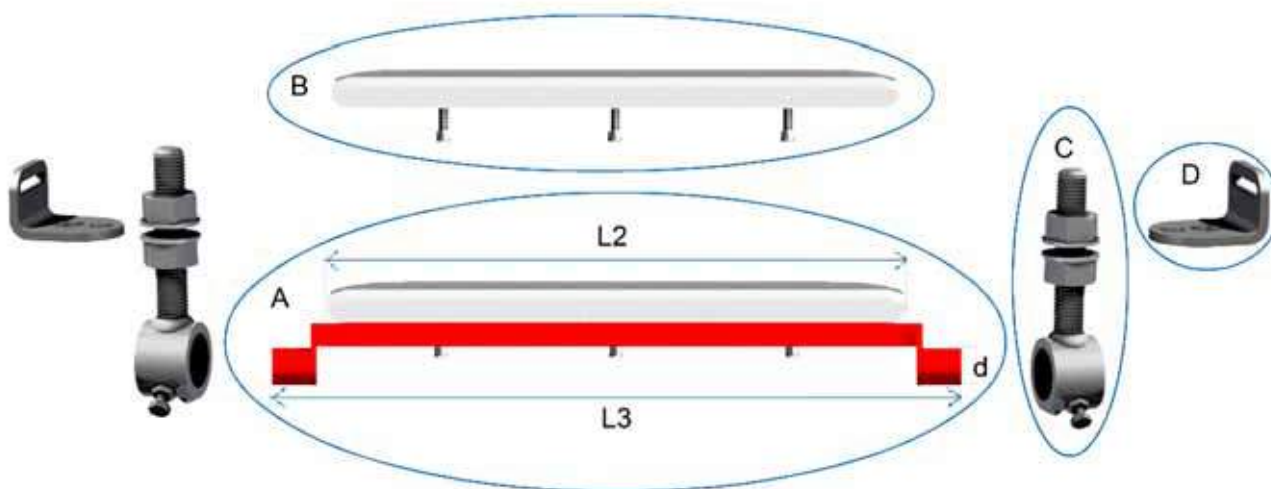
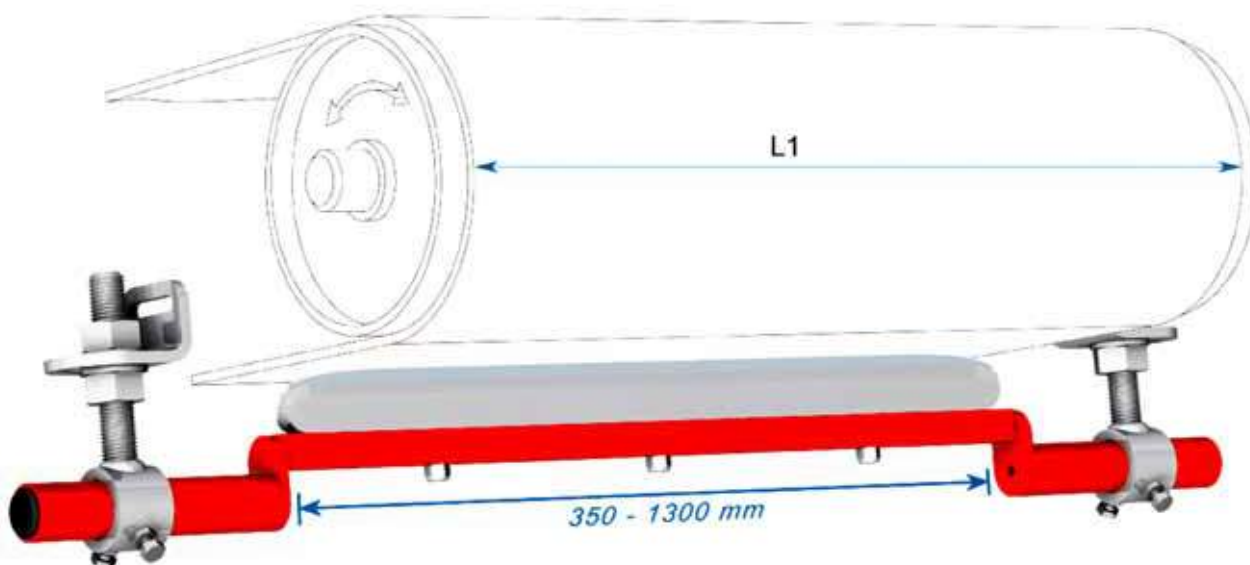





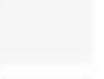


DURO-FLEX® Linear 90°

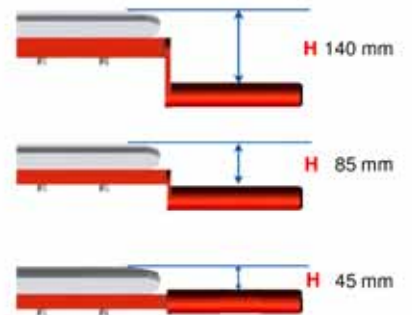
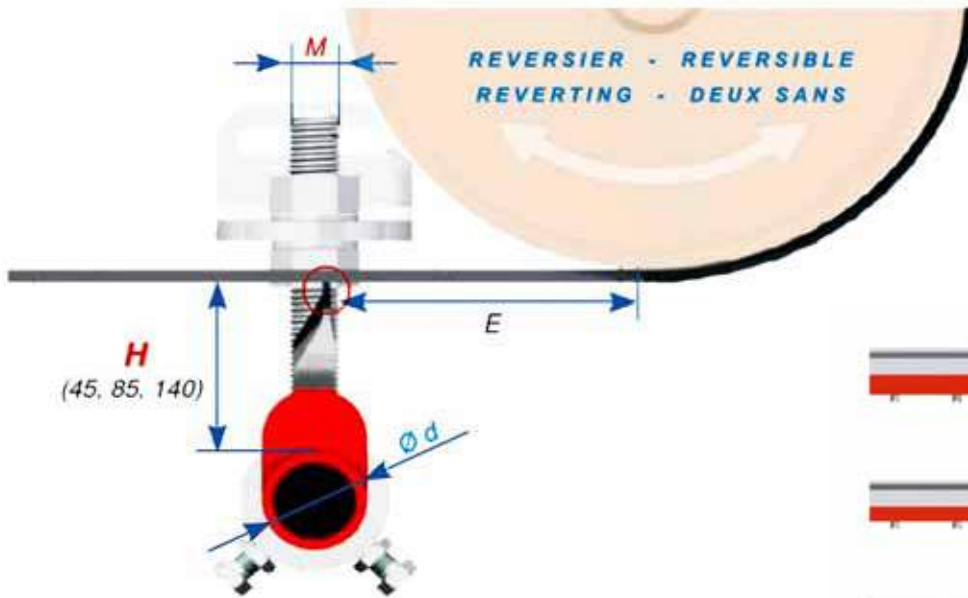


DURO-FLEX® Rea 2.0

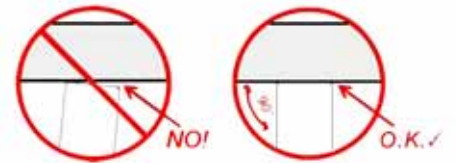
↓ -40 °C/ +150 °C



L1 mm	L2 mm	L3 mm	Ø d mm	A	€	B	€	C	D
400	350	900	48	11410 - 350_2.0		11420 - 350_2.0		 M24 x 160 (53310 - 48)	 53315
500	450	1000	"	11410 - 450_2.0		11420 - 450_2.0			
650	600	1200	"	11410 - 600_2.0		11420 - 600_2.0			
800	750	1300	"	11410 - 750_2.0		11420 - 750_2.0		 M30 x 160 (53311 - 48)	 53316
1000	950	1500	"	11410 - 950_2.0		11420 - 950_2.0			
1200	1125	1700	60	11410 - 1125_2.0		11420 - 1125_2.0		 M36 x 200 (53312 - 60)	 53316
1400	1300	1900	"	11410 - 1300_2.0		11420 - 1300_2.0			

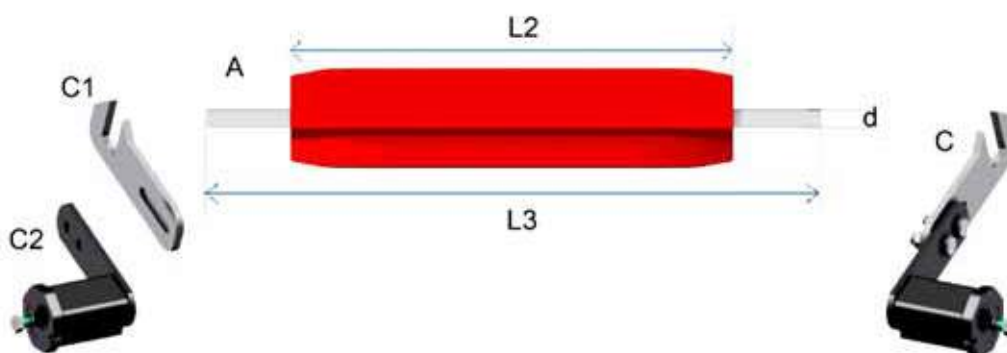
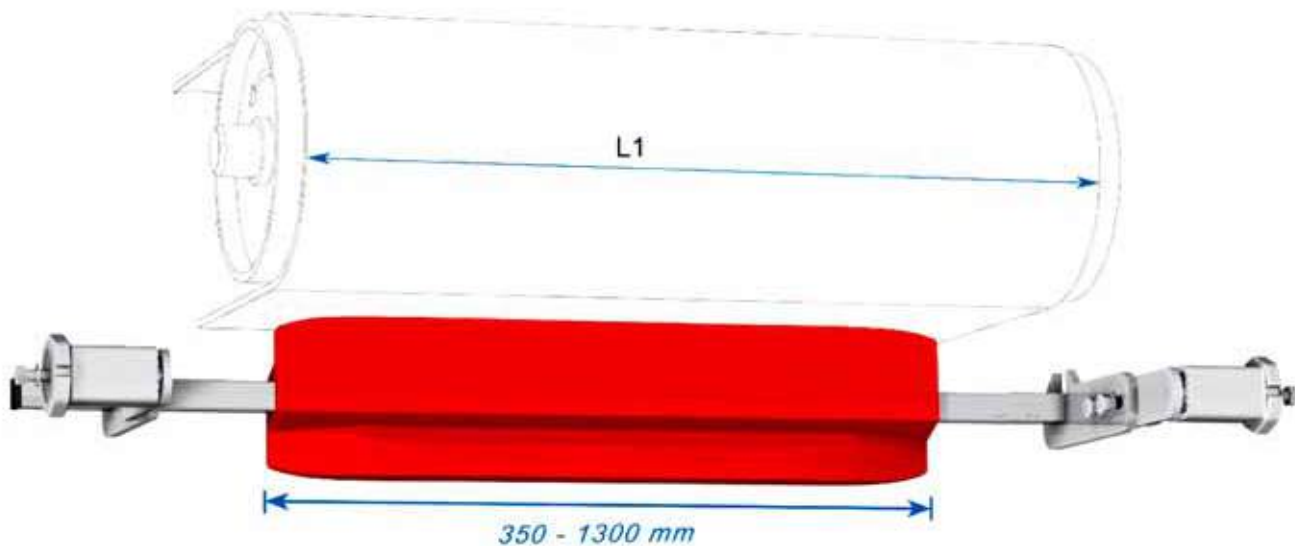




L1	M	Ø d	E
400 mm – 650 mm	M24 x 160	48 mm	~ 150 mm – 200 mm
800 mm – 1000 mm	M30 x 160		~ 200 mm – 300 mm
1200 mm – 1400 mm	M36 x 200	60 mm	~ 300 mm

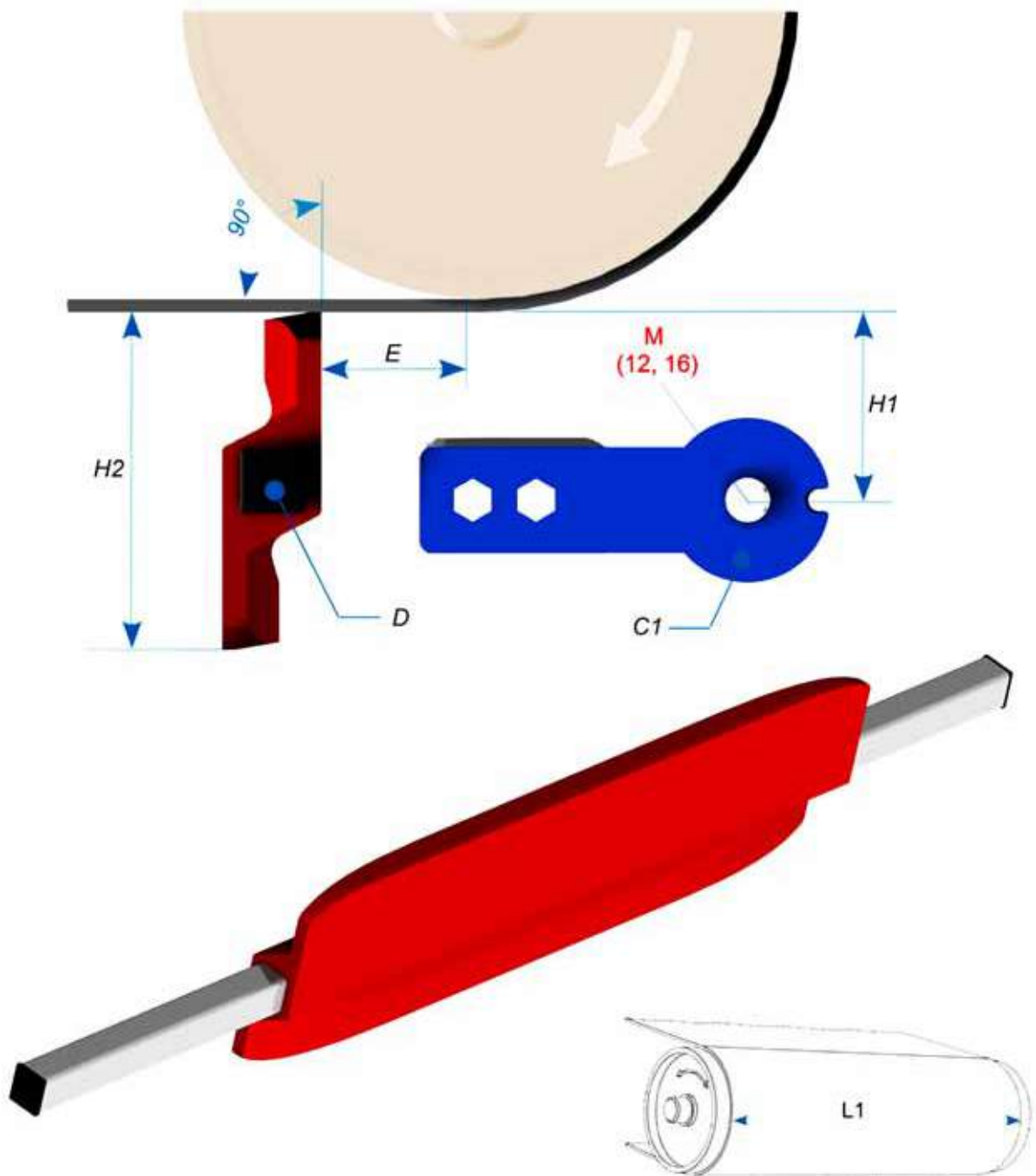


DURO-FLEX® 101

↓ -30 °C/ +80 °C

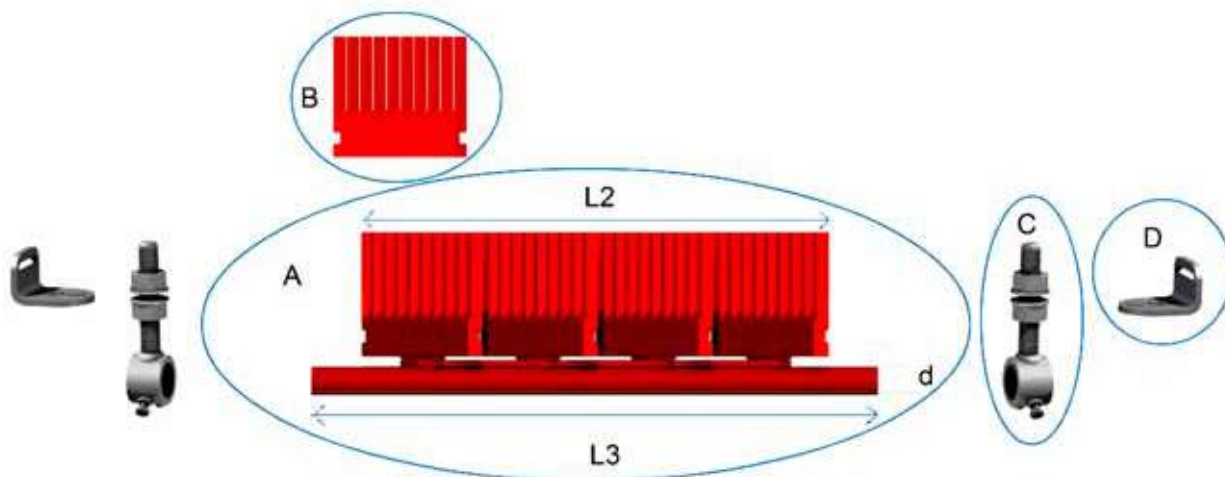
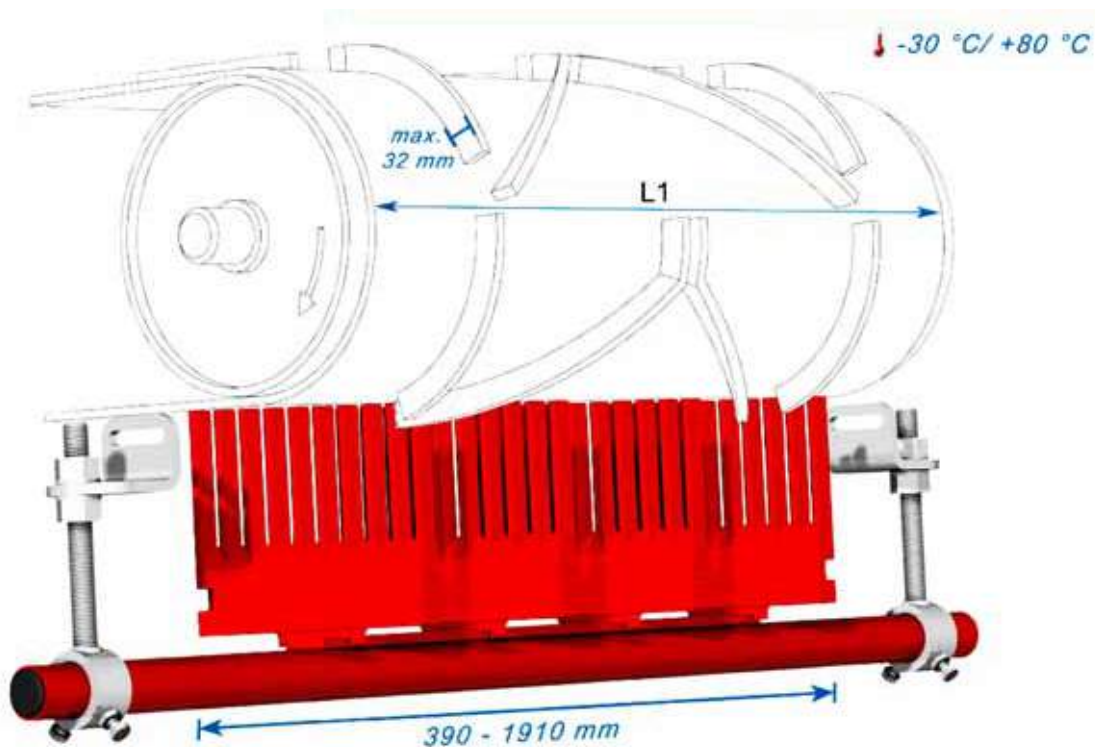


L1 mm	L2 mm	L3 mm	□ d mm	A	€	C	C1	C2
400	350	850	30 x 30 x 3	11010 - 350			51527	51270
500	450	1000	"	11010 - 450				
650	600	1200	"	11010 - 600	51275			
800	700	1200	"	11010 - 700				
800	800	1300	"	11010 - 800				
1000	900	1500	30 x 30 x 4	11010 - 900			51538	51380
1000	1000	1500	"	11010 - 1000				
1200	1100	1500	"	11010 - 1100	51385			
1400	1200	1500	"	11010 - 1200				
1400	1300	1500	"	11010 - 1300				

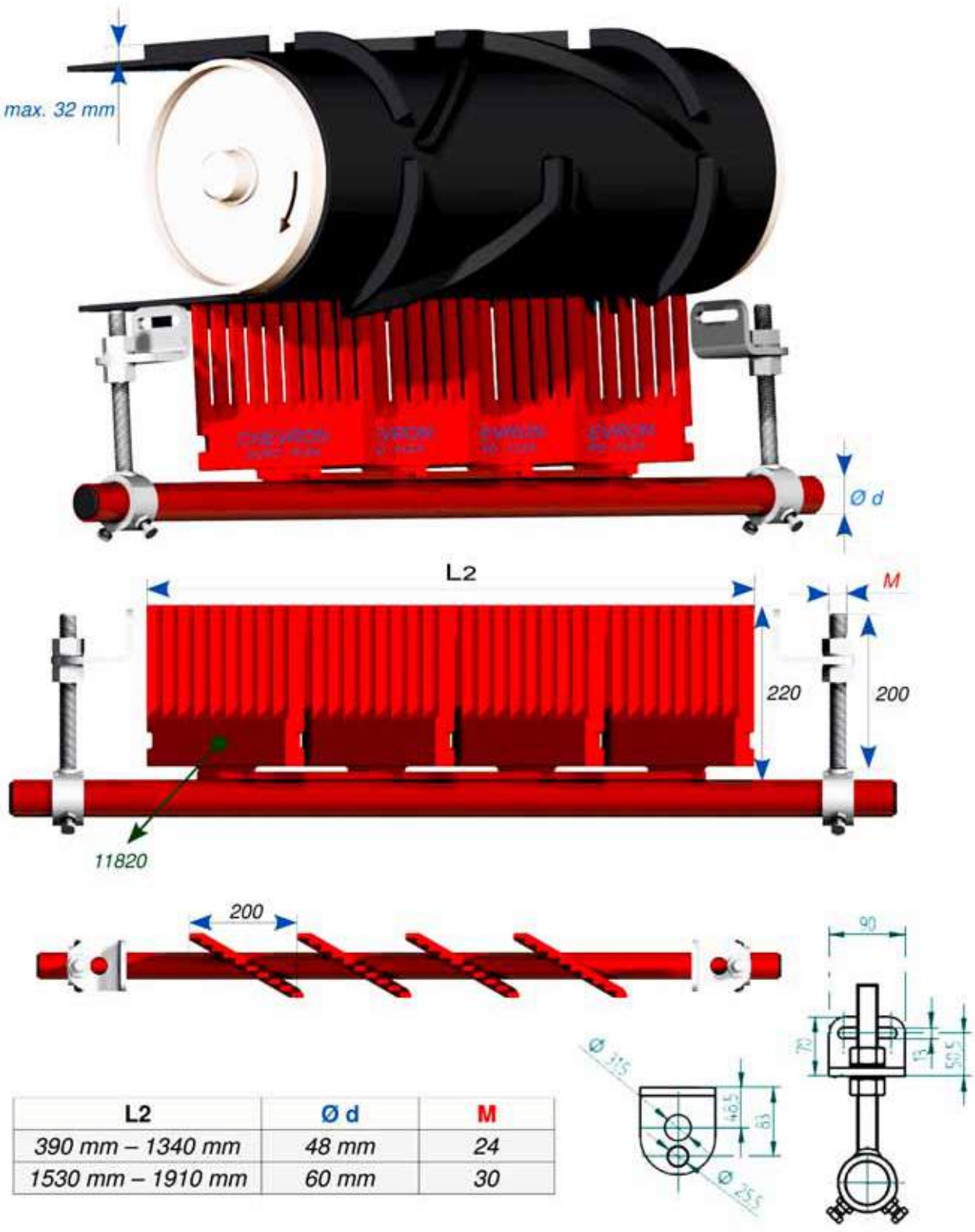


L1	C1	H1	E	H2	D
400 mm – 800 mm	SE 27 (M12)	~ 90 mm	50 mm - 100 mm	160 mm	30 x 30 x 3 mm
1000 mm – 1400 mm	SE 38 (M16)				30 x 30 x 4 mm

DURO-FLEX® Chevron

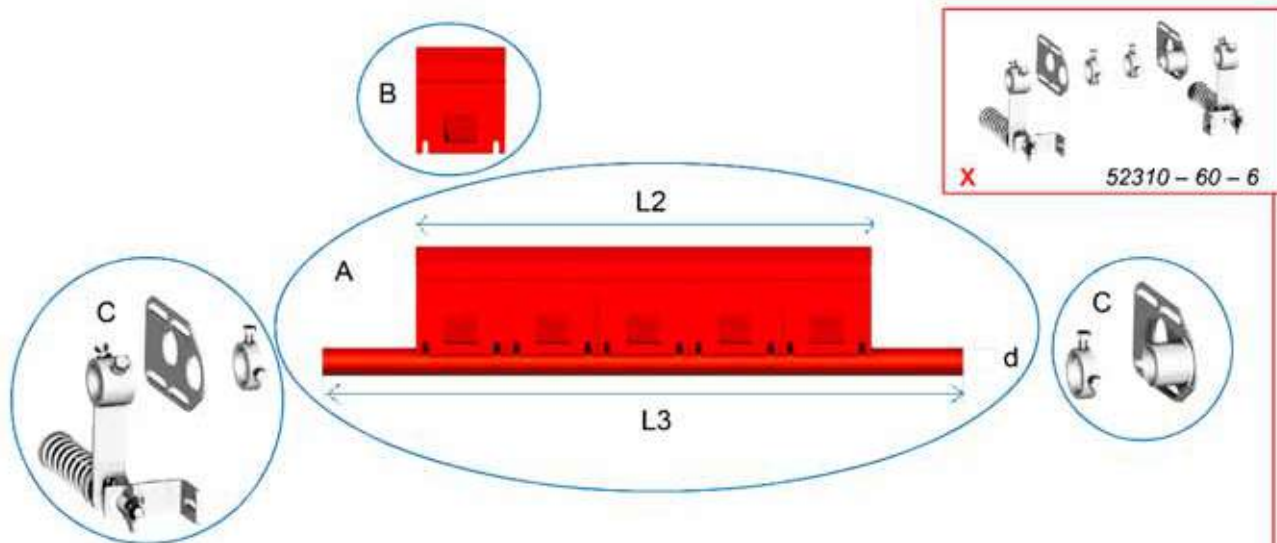
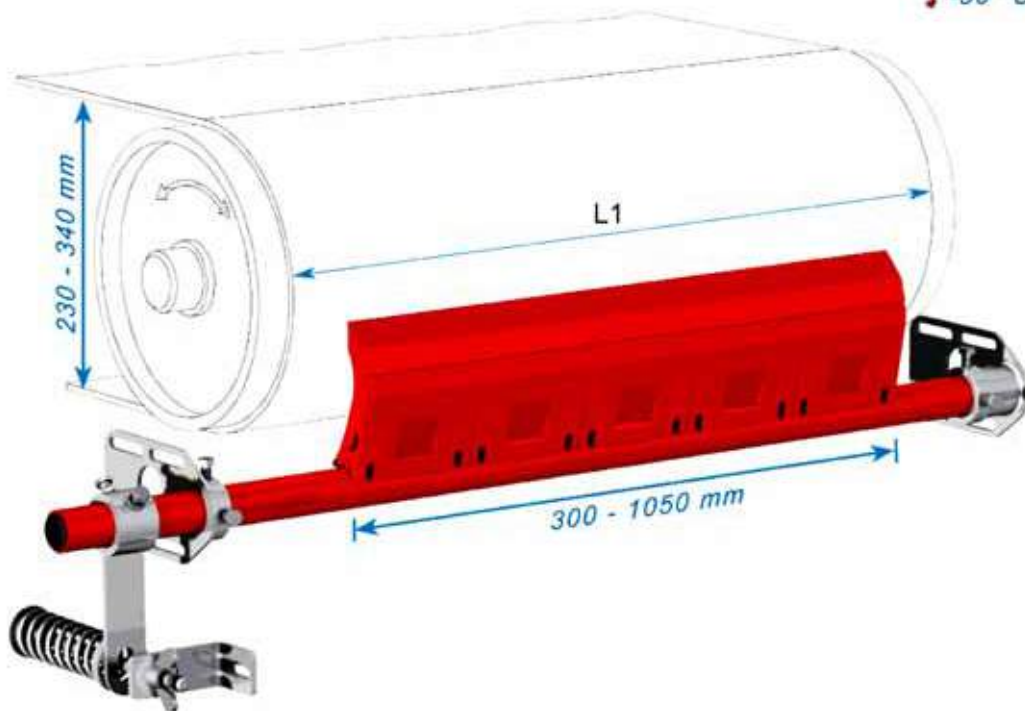


L1 mm	L2 mm	L3 mm	Ø d mm	B	A	€	B	C	D
400 / 500	390	1000	48	2	11810 - 390			 M24 x 200 (53310-200)	 53315
650	580	1200	"	3	11810 - 580				
800	770	1300	"	4	11810 - 770				
1000	960	1500	"	5	11810 - 960				
1200	1150	1700	"	6	11810 - 1150				
1400	1340	1900	"	7	11810 - 1340	11820			
1600	1530	2100	60	8	11810 - 1530		 M30 x 200 (53311-200)		
1800	1720	2300	"	9	11810 - 1720				
2000	1910	2500	"	10	11810 - 1910				



DURO-FLEX® PU-90 S

↓ -30 °C/ +80 °C



L1 mm	L2 mm	L3 mm	Ø d mm	B	A	€	B	C
500	300	1000	48	2	12110 - 300 S			
650	450	1200	"	3	12110 - 450 S			
800	600	1300	"	4	12110 - 600 S			52310 - 48
1000	750	1500	"	5	12110 - 750 S		12120 S	
1200	900	1700	60	6	12110 - 900 S			52310 - 60
x 1200	1050	1700	"	7	12110 - 1050 S			52310 - 60 - 6

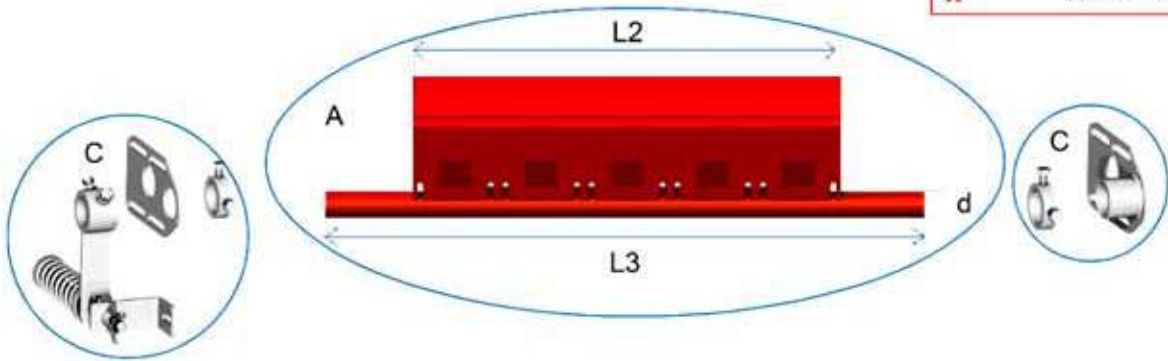
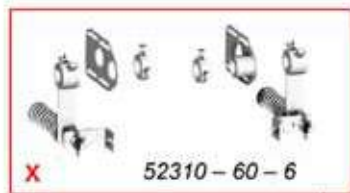
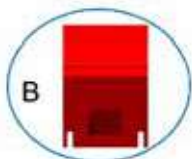
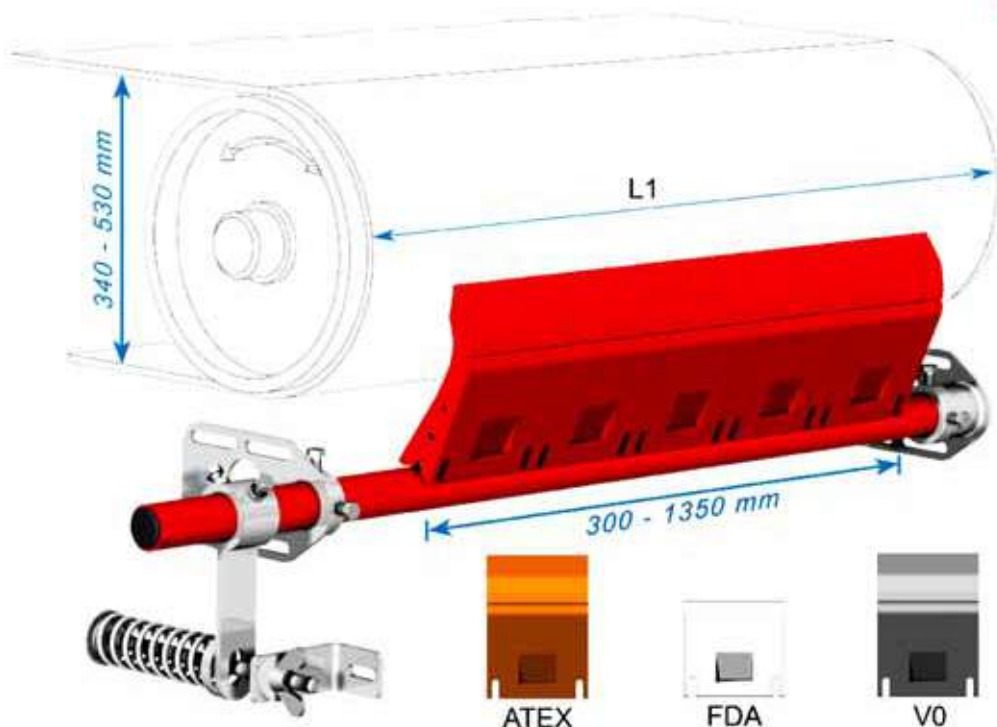
$v_{max} \sim 4 \text{ m/sec}$

temp $-30^{\circ}\text{C}/+80^{\circ}\text{C}$



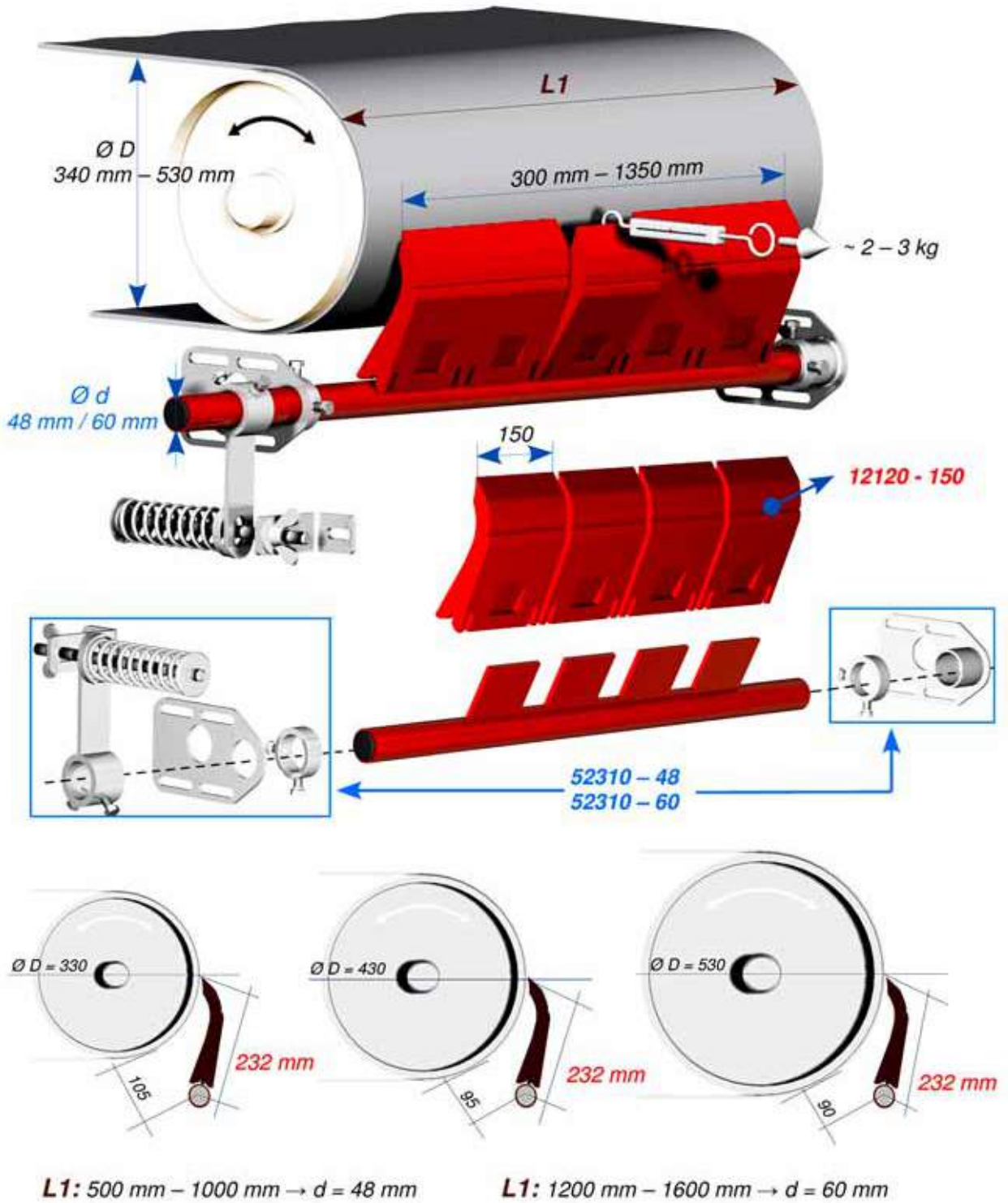
DURO-FLEX® PU-90

↓ -30 °C / +80 °C

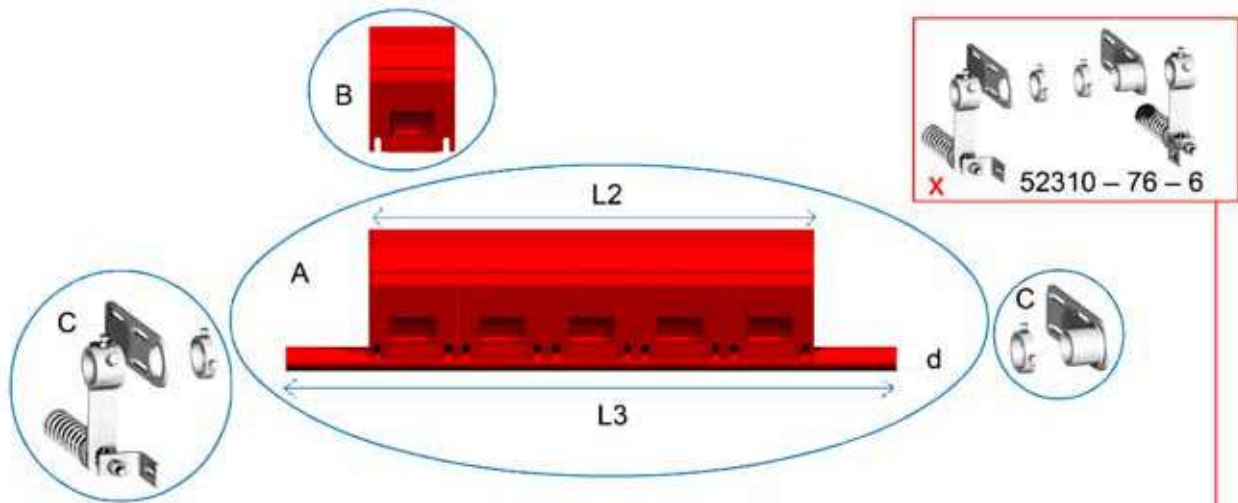
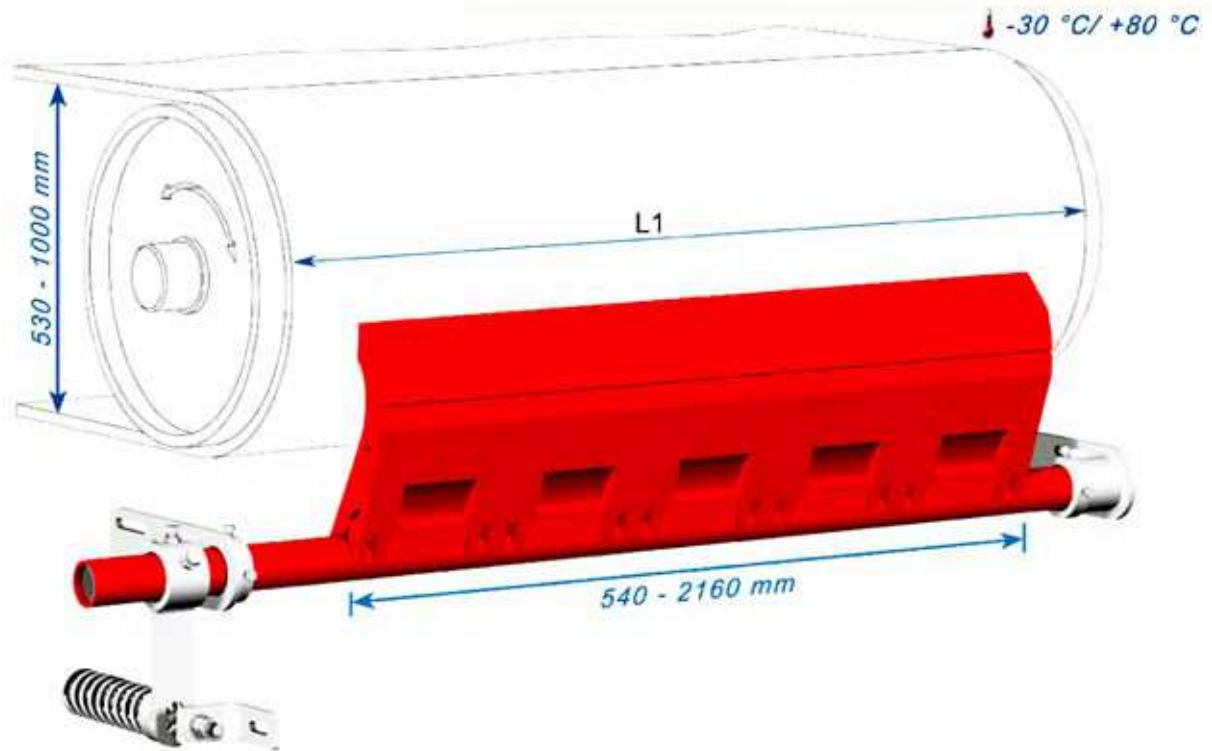


L1 mm	L2 mm	L3 mm	Ø d mm	B	A	€	B	C
500	300	1000	48	2	12110 - 300			
650	450	1200	"	3	12110 - 450			
800	600	1300	"	4	12110 - 600			52310 - 48
1000	750	1500	"	5	12110 - 750			
1200	900	1700	60	6	12110 - 900		12120 - 150	52310 - 60
x 1400	1050	1900	"	7	12110 - 1050			
x 1600	1200	2100	"	8	12110 - 1200			
x 1600	1350	2100	"	9	12110 - 1350			52310 - 60 - 6

$v_{max} \sim 4 \text{ m/sec}$ temp $-30^{\circ}\text{C} / +80^{\circ}\text{C}$

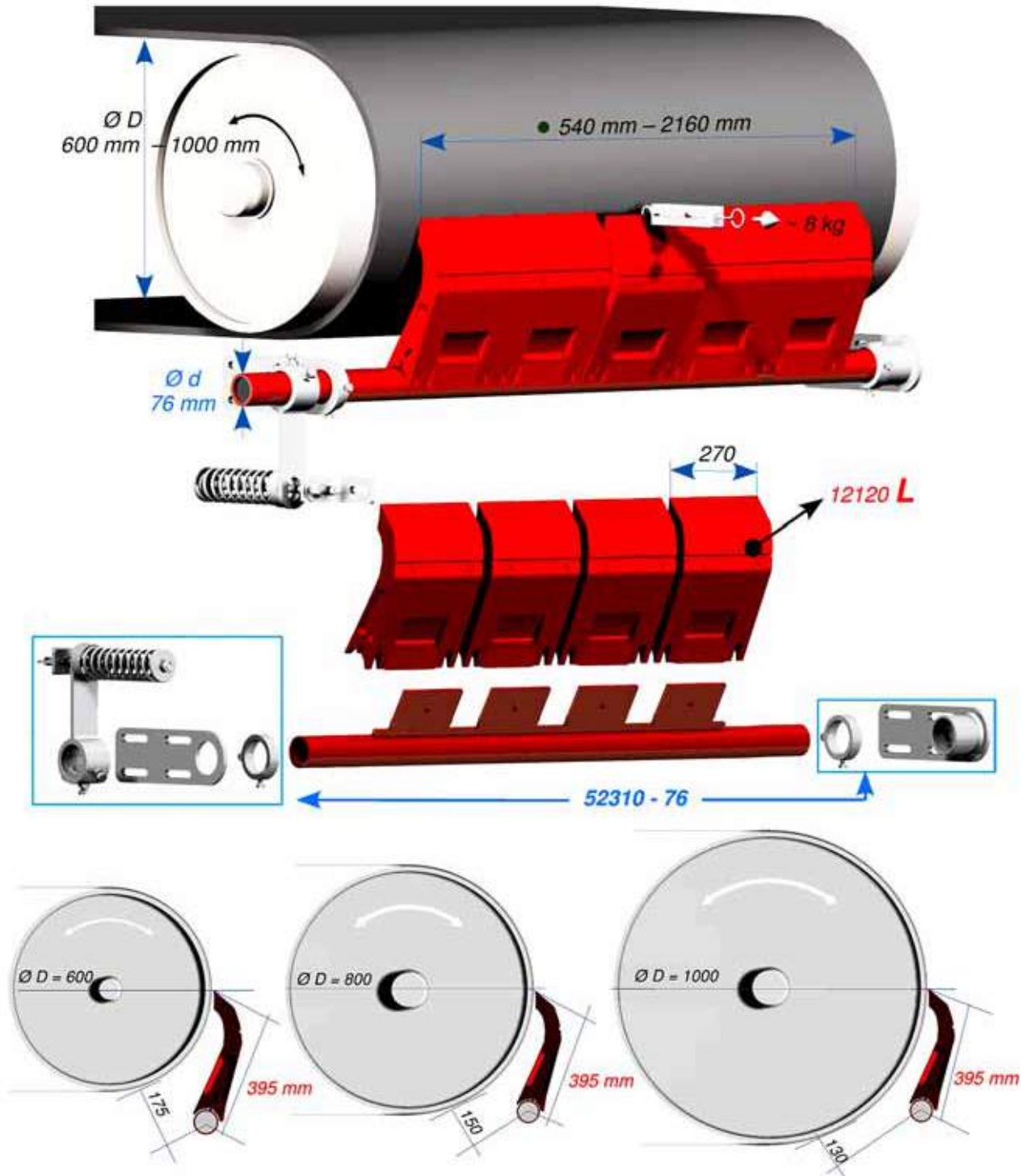


DURO-FLEX® PU-90 L

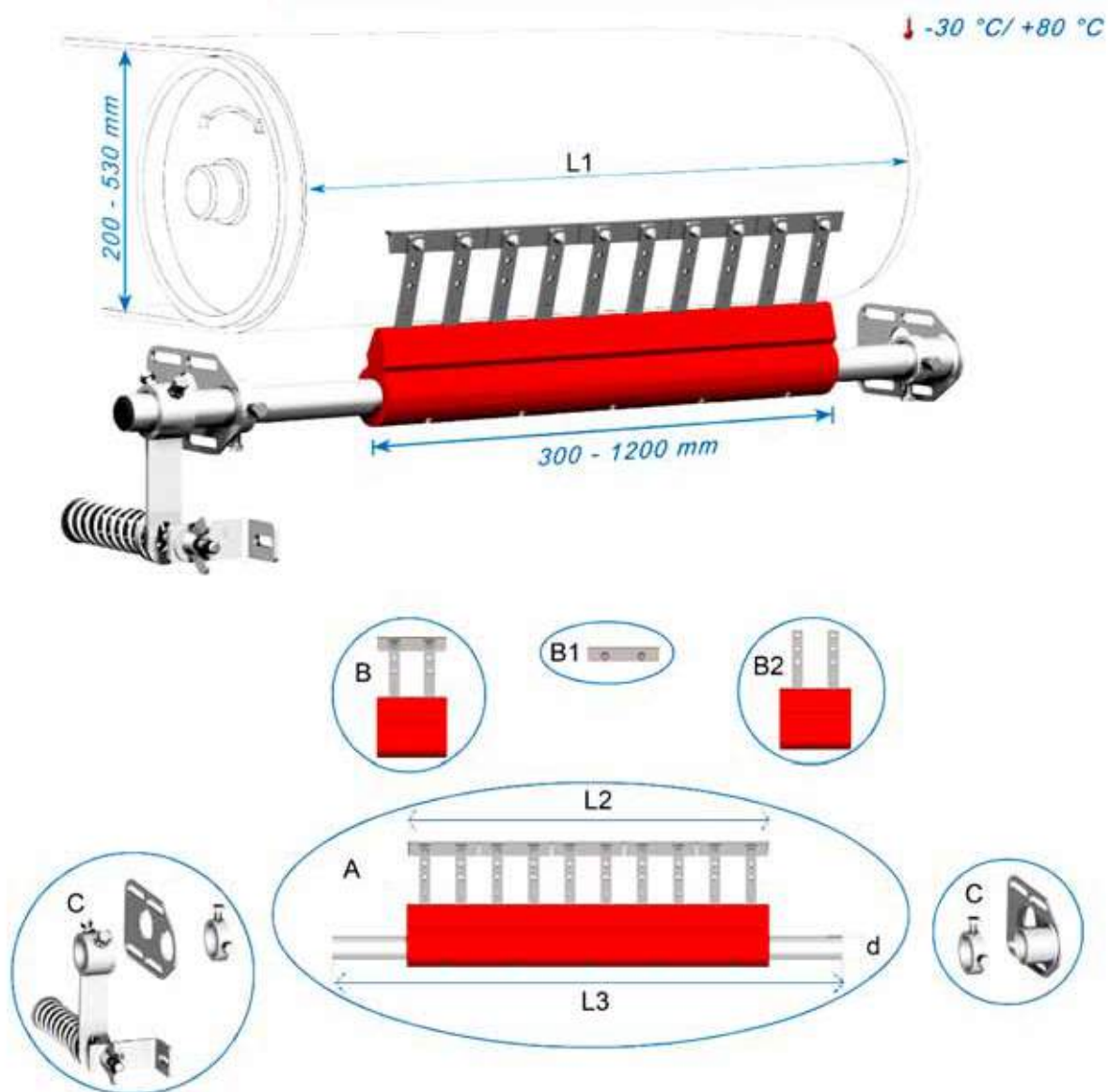




L1 mm	L2 mm	L3 mm	Ø d mm	B	A	€	B	C
800	540	1300	76	2	12110 - 540 L			
1000	810	1500	"	3	12110 - 810 L			52310 - 76
1200 / 1400	1080	1900	"	4	12110 - 1080 L			
x 1600	1350	2100	"	5	12110 - 1350 L		12120 L	
x 1800	1620	2300	"	6	12110 - 1620 L			
x 2000 / 2200	1890	2700	"	7	12110 - 1890 L			
x 2400	2160	2900	"	8	12110 - 2160 L			52310 - 76 - 6

- 810 mm - 1350 mm v max ~ 6 m/sec temp -30°C/+80°C
- 1620 mm - 2160 mm v max ~ 5 m/sec



DURO-FLEX® P-2 / P-2 HD

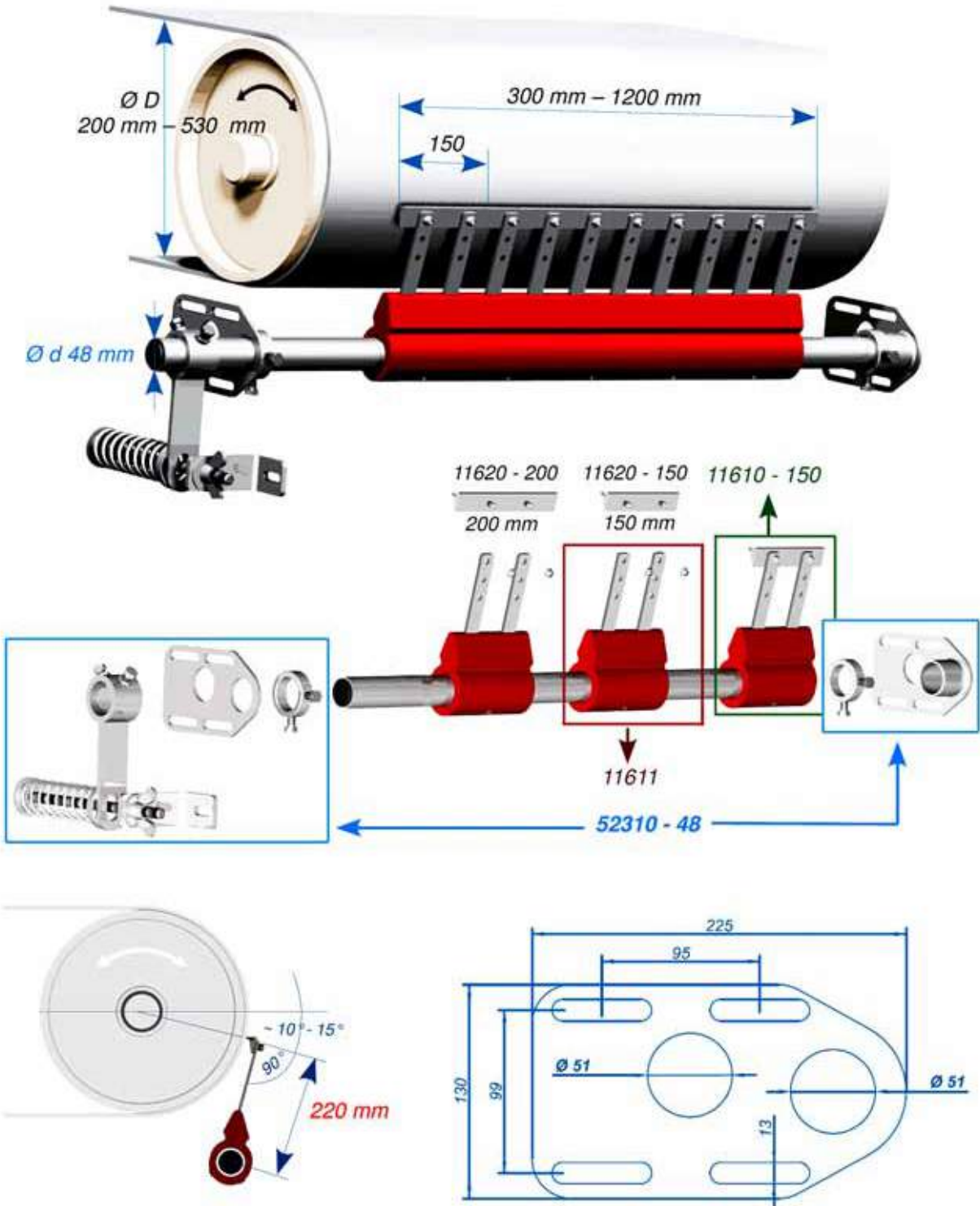


	L1 mm	L2 mm	L3 mm	Ø d mm	B	A	€	B	B1	B2	C
P-2 	500	300	1000	48	2	11610 - 300					
	650	450	1200	"	3	11610 - 450					
	800	600	1300	"	4	11610 - 600					
	1000	750	1500	"	5	11610 - 750		11610 - 150	11620 - 150	11611	52310 - 48
	1200	900	1700	"	6	11610 - 900					
	1400	1200	1900	"	8	11610 - 1200					
P-2 HD 	500	300	1000	48	2	11610 - 300 HD					
	650	450	1200	"	3	11610 - 450 HD					
	800	600	1300	"	4	11610 - 600 HD					
	1000	750	1500	"	5	11610 - 750 HD		11610 - 150 HD	11620 - 150 HD	11611	52310 - 48
	1200	900	1700	"	6	11610 - 900 HD					
	1400	1200	1900	"	8	11610 - 1200 HD					

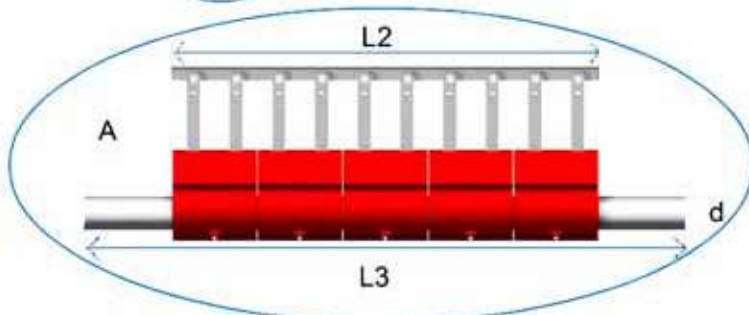
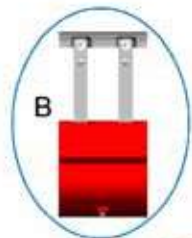
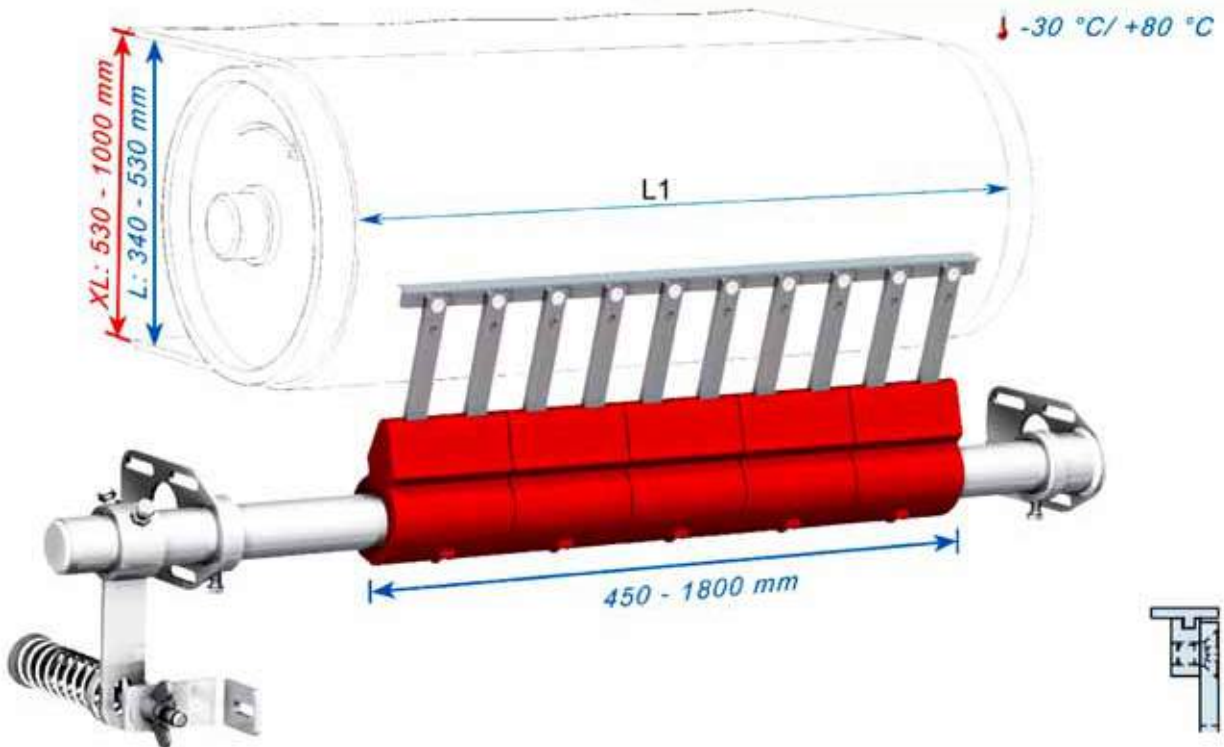
DURO-FLEX® P-2 / P-2 HD

v max ~ 1,5/sec

temp -30 / +80 °C



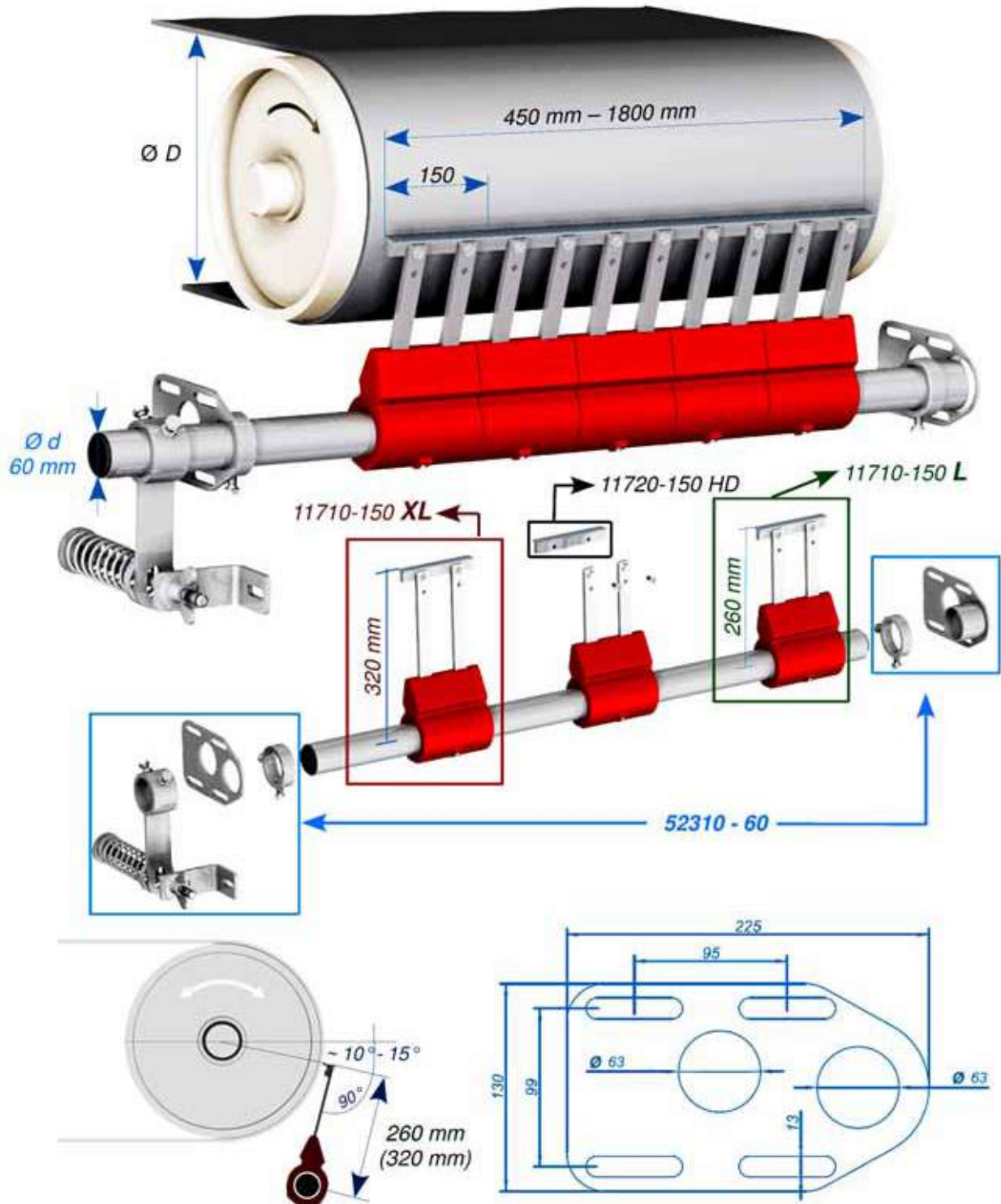
DURO-FLEX® P-3



L1 mm	L2 mm	L3 mm	Ø d mm	B	A	€	B	B1	C
650	450	1200	60	3	11710 - 450 (L/XL)				
800	600	1300	"	4	11710 - 600 (L/XL)				
1000	750	1500	"	5	11710 - 750 (L/XL)				52310 - 60
1200	900	1700	"	6	11710 - 900 (L/XL)				
x 1400	1200	1900	"	8	11710 - 1200 (L/XL)		11710 (L/XL)	11720 - 150 HD	
x 1600	1350	2100	"	9	11710 - 1350 (L/XL)				
x 1800	1500	2300	"	10	11710 - 1500 (L/XL)				
x 2000	1800	2500	"	12	11710 - 1800 (L/XL)				52310 - 60 - 6

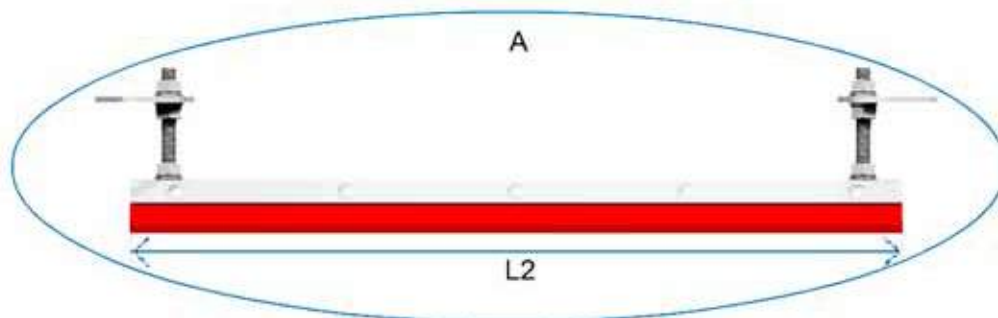
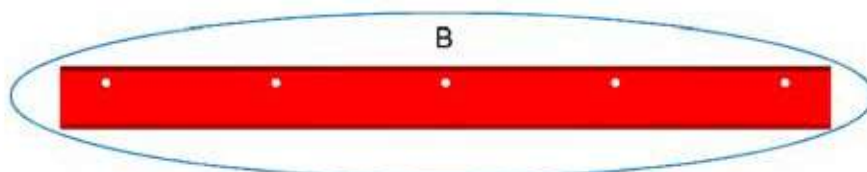
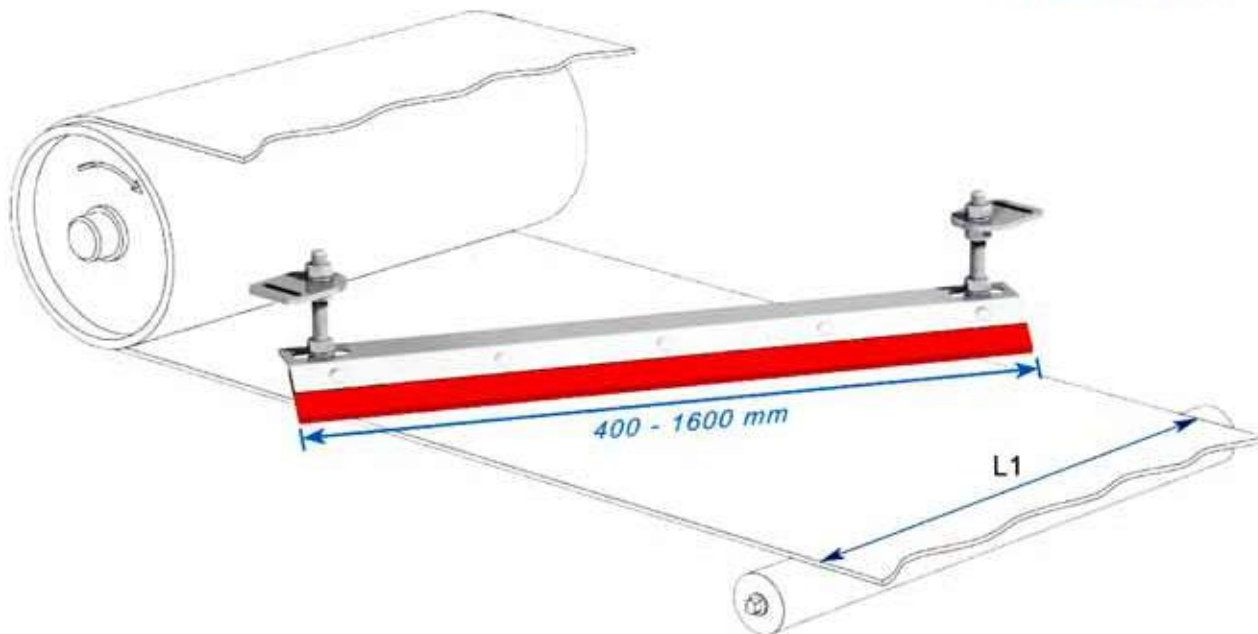
Ø D 340 - 530 mm element 11710-150 L
 Ø D 530 - 1000 mm element 11710-150 XL

temp -30°C / +80°C
 v max ~ 1,5 m/sec



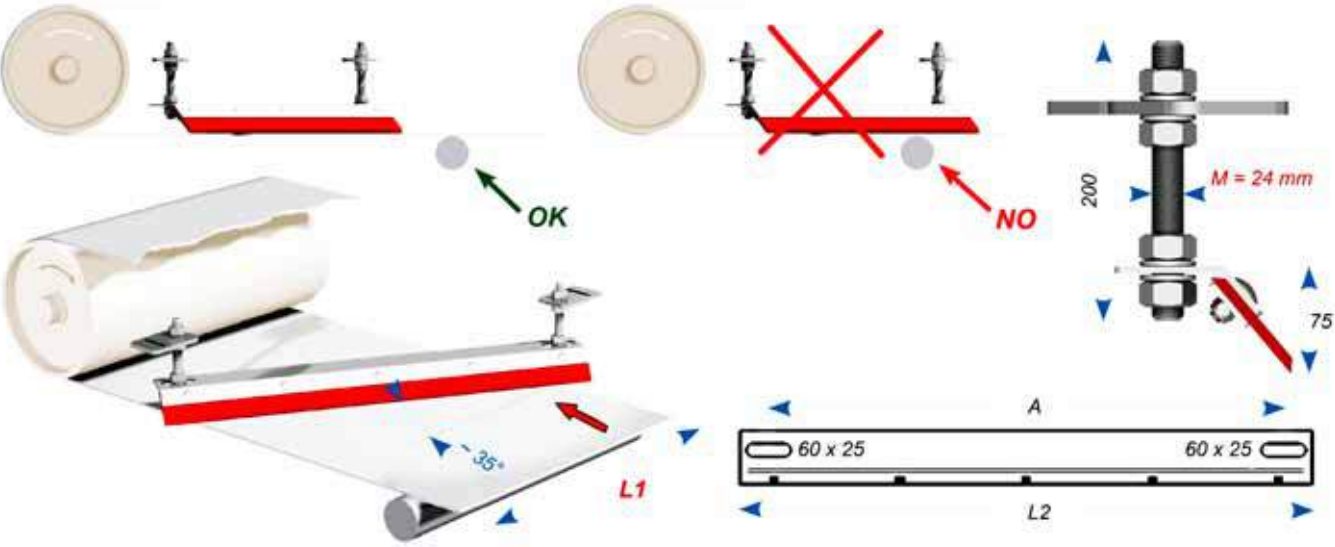
DURO-FLEX® DIAGONAL

↓ -30 °C/ +80 °C



L1 mm	L2 mm	A	€	B	€
400	450	13150 - 450		13160 - 450	
500	550	13150 - 550		13160 - 550	
650	700	13150 - 700		13160 - 700	
800	850	13150 - 850		13160 - 850	
1000	1050	13150 - 1050		13160 - 1050	
1200	1250	13150 - 1250		13160 - 1250	
1400	1450	13150 - 1450		13160 - 1450	
1600	1650	13150 - 1650		13160 - 1650	

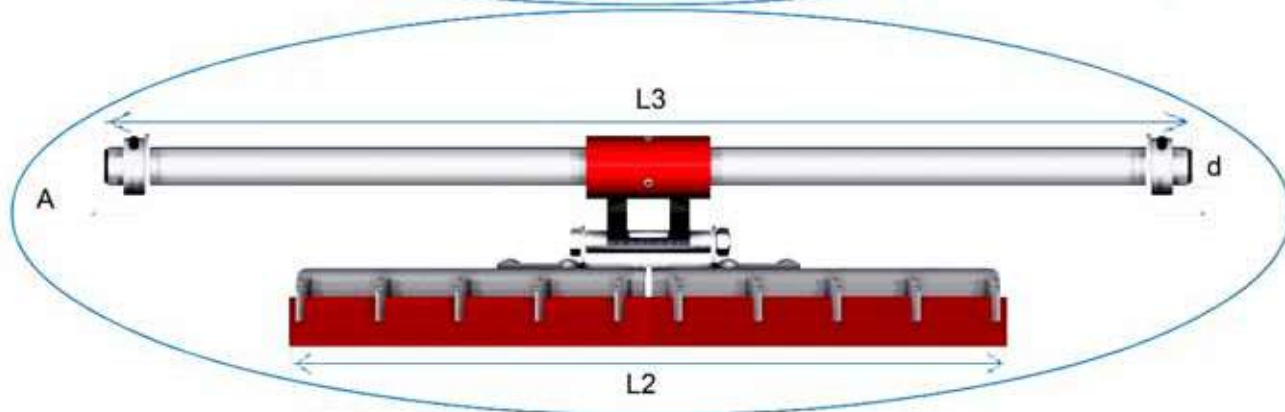
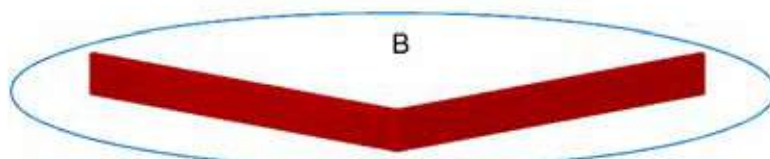
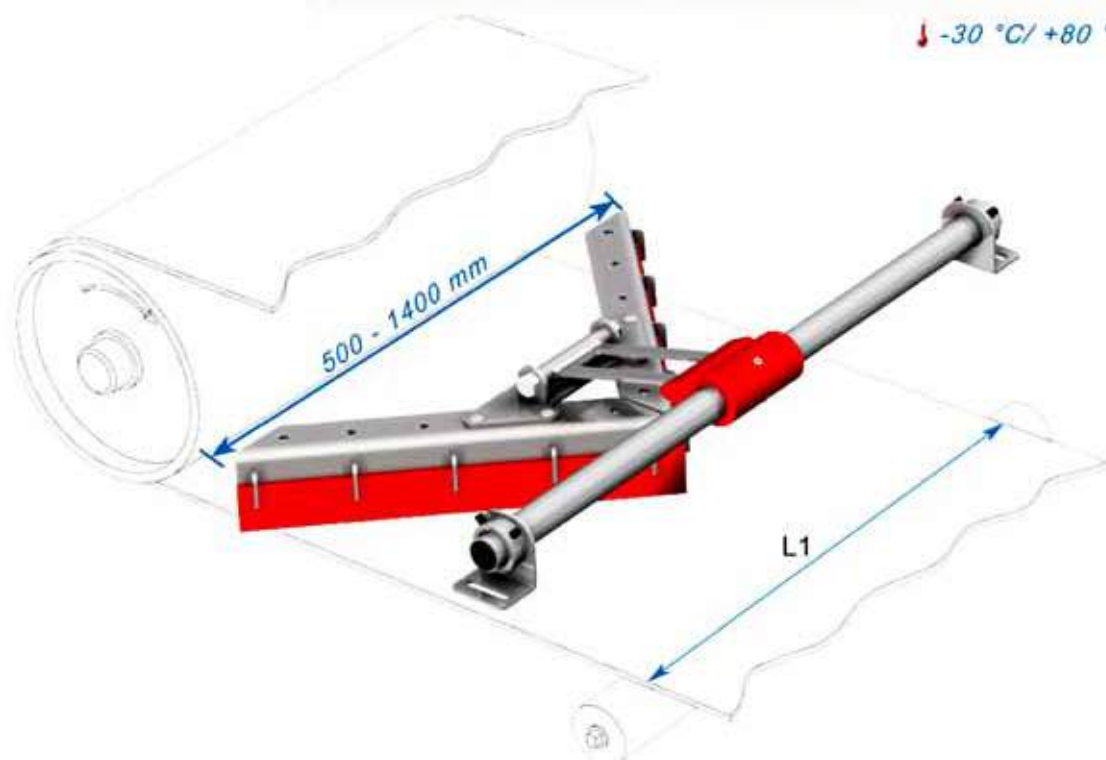
DURO-FLEX® DIAGONAL



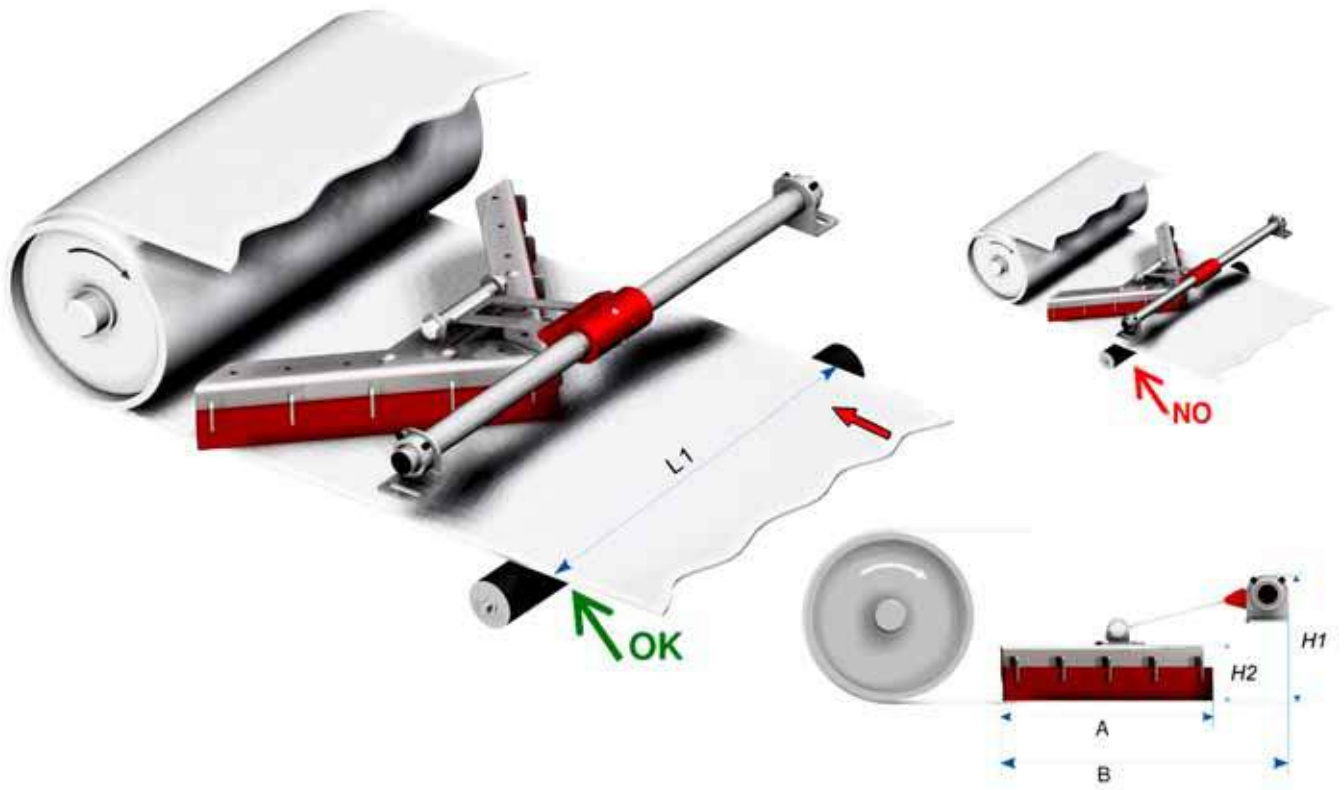
L1 (mm)	L2 (mm)	A (mm)	L1 (mm)	L2 (mm)	A (mm)
400	595	485	1000	1330	1220
500	715	605	1200	1570	1460
650	895	785	1400	1810	1700
800	1090	980	1600	2050	1940

DURO-FLEX® PFLUG P2

↓ -30 °C/ +80 °C



L1 mm	L2 mm	L3 mm	Ø d mm	A	€	B	€
500	550	800	48	13110 P 2 - 550		13120 P 2 - 550	
650	700	1000	"	13110 P 2 - 700		13120 P 2 - 700	
800	850	1100	"	13110 P 2 - 850		13120 P 2 - 850	
1000	1050	1300	"	13110 P 2 - 1050		13120 P 2 - 1050	
1200	1250	1500	"	13110 P 2 - 1250		13120 P 2 - 1250	
1400	1450	1700	"	13110 P 2 - 1450		13120 P 2 - 1450	



L1 (mm)	500	650	800	1000	1200	1400
A (mm)	336	386	460	562	670	763
B (mm)	~600		~650	~750	~850	~950
H1 (mm)	200 – 350					
H2 (mm)	95					

Jet-Streamer, Pneumatic Scraper Systems

Fields of application

- contact-free cleaning of cleated and sidewall belts where conventional stripper systems cannot be used
- contact-free cleaning of smooth conveyor belt surfaces
- contact-free cleaning of wet and/or slightly adhesive, tacky materials such as e. g. sand, gypsum, slags, fine ores, etc.
- non-contact cleaning of max. 2 transfer points

Properties

- long life service
- minimum maintenance
- protection of the conveyor belt surface
- quick and simple installation
- low space requirements at the conveyor belt (only approx. 100 mm clearance under the conveyor belt required)
- available for belt widths up to 3.000 mm

Scope of supply Jet Streamer

The Jet Streamer consists of the following components:

- high-pressure radial fan
- nozzle pipe
- throttle flap
- installation materials with tube
- manual control (automatic control is available)

Properties of manual control

- splash-proof housing
- integrated protective motor switch (matching the motor power rating)
- integrated manually-switched star/delta switch (automatic control is available)

Properties of automatic control

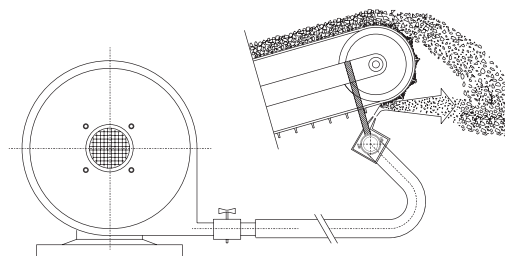
- splash-proof housing
- integrated protective motor switch (matching the motor power rating)
- fully automatic star/delta switch, upon pressing the button once the start-up phase of the motor is automatically switched to full load
- integrated coil temperature monitor for the motor with automatic shut-off on overheating

Jet Streamer for smooth conveyor belts and conveyor belts with cleats *

Belt width	Height cleatprofile	Type	Item no.
500 mm	0 - 15 mm	JS 500/15	01266
600 - 700 mm		JS 650/15	01267
800 mm		JS 800/15	01268
1.000 mm		JS 1000/15	01269
1.200 mm		JS 1200/15	01270
1.400 mm		JS 1400/15	01271

Jet Streamer for conveyor belts with cleats *

Belt width	Height cleatprofile	Type	Item no.
500 mm	16 - 30 mm	JS 500/30	01273
600 - 700 mm		JS 650/30	01274
800 mm		JS 800/30	01275
1.000 mm		JS 1000/30	01276
1.200 mm		JS 1200/30	01277
1.400 mm		JS 1400/30	01278



Services

NILOS offers almost all assembly services:

Belt repair and belt splices

- repairing of longitudinal cracks, transverse cracks, breakdowns and edge damage with hot vulcanizing
- repair of partial surface damage on running- and carrying sides with cold vulcanizing

Belt finishing

- by using hot vulcanizing the conveyor belt is subsequently provided with edge bead
- sidewalls and cleats of all kinds are applied with cold vulcanizing

Belt renewal

- the customer gets a good as new conveyor belt with the mileage of a new belt
- worn out belt surfaces are retreaded and vulcanized to original strength on running and carrying sides
- our know-how in Belt Recycling additionally enables the assembly of up to four individual strips to a belt body

Belt Recycling

- we offer the complete disposal of unusable conveyor belts to

Damage assessment and counseling

- damage assessment, definition of damage repair, NILOS testing laboratory for evaluation and validation of technical parameters

Training

A service that is often used and much appreciated is the training and instruction of belt vulcanizing operators at our factory. We transfer all the relevant theoretical and practical knowledge we have about conveyor belts.

NILOS campus

NILOS is certified by Certqua. The knowledge gained during training courses can be implemented into daily working processes. Preventive maintenance and detection of faults as well as purposeful adjustment will be facilitated. Expert instructions and skilled trainers with many years of experience and highest qualifications conduct the theoretical and practical schooling and training course: campus@nilos.de

Operating Belt Conveyors

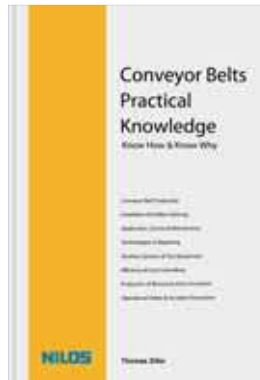
We do the worrying when it comes to your conveying problems and regular scheduled maintenance for your conveyor belt unit. Our technicians will put right any problems and faults in the shortest possible time.

Final Disposal

Old belts that can no longer be recycled are disposed of in a cost-effective and environmentally friendly way.

Franchising

There is an additional option, to make use of the know-how, infrastructure and products of the NILOS brand as a NILOS franchising partner and thus ensuring a presence in the market as a strong and competent partner.



NILOS

CAMPUS



Scan the QR-Code and learn more about NILOS on www.nilos.de.

Conveyor belts require a high amount of investment in belt units. Conveyor belt repair, regeneration and refurbishing preserve the resources of our planet. NILOS offers workshop facilities with tried and tested technology for the refurbishing of damaged or worn fabric and steel cord belts. Decades of experience in practice guarantee our competence in planning, design and equipping.

Starting with the servicing of small- and medium-sized damaged areas, the repair facilities also include conveyor belt regeneration and refurbishing, supplemented by the use of unvulcanized rubber materials from our own preparation division.

We can offer the following type of workshop facilities:

NILOS Repair Workshop

Splicing, repairing of damaged belts and service facilities in plant and on site with mobile vulcanizers.

NILOS Regeneration Workshop

Treating worn areas on conveyor belts that are still usable overall.

NILOS Reconditioning Workshop

Incorporation of new belt partial strips and overall refurbishing of damaged or worn conveyor belts.

NILOS Workshop for Conveyor belt Regeneration with Rubber Preparation Division and Test Laboratory

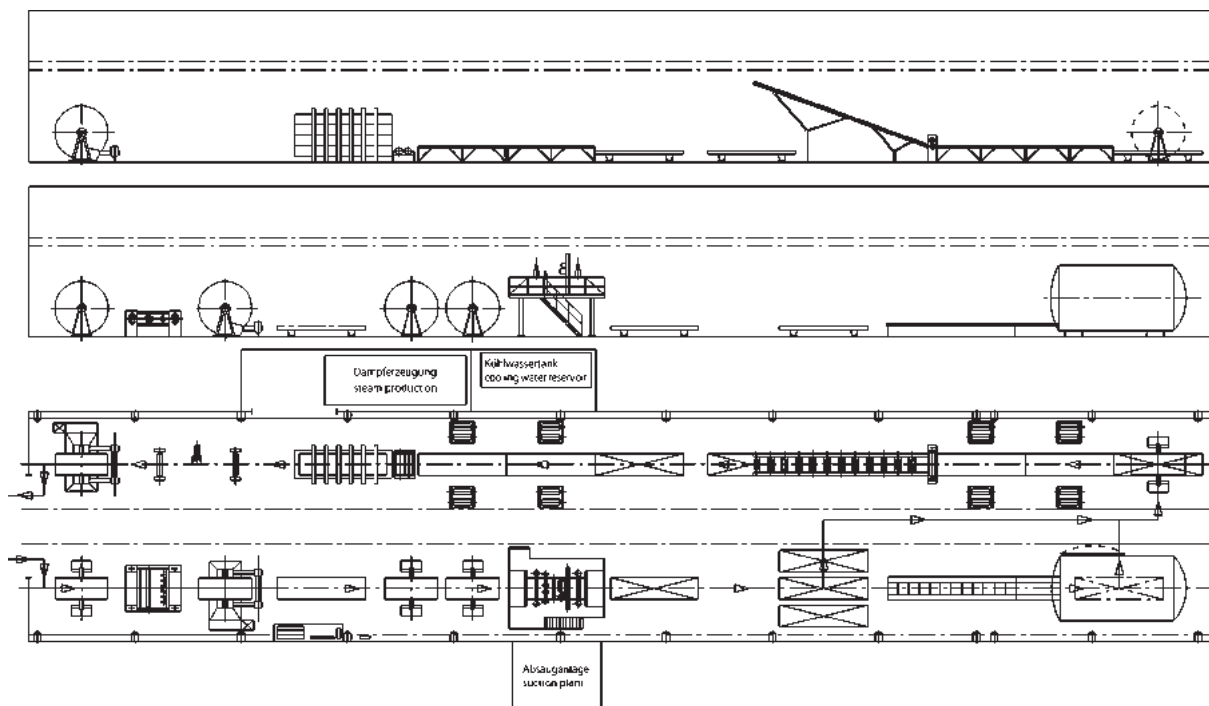
The combination of the above-mentioned types makes it possible to carry out the work completely independently and without any additional suppliers, thanks to special machine facilities.

These four basic types can be adapted individually to customer-specific requirements. Any existing suitable facilities are incorporated in the planning and setting up.



Design and Supply of Complete Conveyor belt Repair Workshops
Realization with a wide range of equipment and special-purpose machines developed by us, on request.

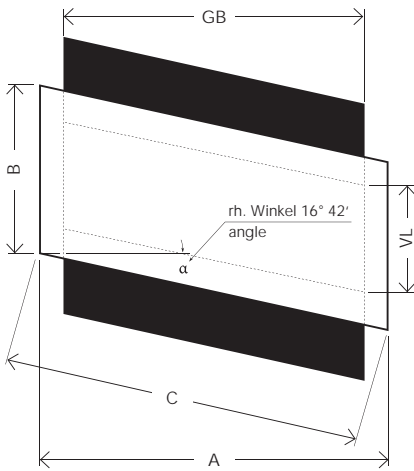
Specialized personnel can be trained by us – the program includes complete instruction of NILOS technology and know-how transfer for the repair of conveyor belts of all types and sizes.



Technical questionnaire for vulcanizing presses



Relevant dimensions to define the size of a heating platen



- A = plate width
- B = plate length
- C = edge length
- GB = belt width
- VL = splice length

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Please fill out this questionnaire as completely as possible:

1. Contact Information

- Mr Mrs

Contact person

Phone

E-mail

Company

Street & no.

Zip Code & City

Country

Country of use

2. Belt type

- Steel cord belt
 Textile conveyor belt

3. Place of operation

- Underground
 Above ground

4. Type of splice

- Rhombic 16° 42°
 Rhombic 22°
 Rectangular 90°

5. Power supply

- 220/230 V 3-Ph + Pe
 400 V 3-Ph + Pe + N
 480 V 3-Ph + Pe
 _____ V

6. Belt width

- 500 650 800 1000 1200 1400 1600 1800 2000 _____
 24" 26" 36" 40" 48" 54" 60" 72" 78" _____

- 60 Hz / 60 C/S
 50 Hz / 50 C/S

7. Your splice length in mm according to belt manufacturer

- 500 650 800 1000 1200 1400 1600 1800 2000 _____

8. Temperature

_____ F

9. Belt quality (EP500/4 / ST2000...)

10. Specific surface pressure



Technical questionnaire for vulcanizing presses

- Please note the relevant dimensions to define the size of a heating platen
- Please fill out this questionnaire as completely as possible

Conversion Table of the Unit of Measurement

Linear measure UK-/US	Linear measure metric	Linear measure metric	Linear measure UK-/US
1 inch [in]	25,4 mm	1 mm	0,03937 inch
1 inch [in]	2,54 cm	1 cm	0,39370 inch
1 foot (12 in) [ft]	0,3048 m	1 m	3,2808 ft
1 yard (3 ft) [yd]	0,9144 m	1 m	1,0936 yd
1 mile (statute) [mi]	1,60934 km	1 km	0,6214 mi
1 mile (nautical) [nmi]	1,852 km	1 km	0,54 nmi
Square measure UK-/US	Square measure metric	Square measure metric	Square measure UK-/US
1 square inch [sq in]	6,4516 cm ²	1 cm ²	0,1550 sq in
1 square foot [sq ft]	0,0929 m ²	1 m ²	10,764 sq ft
1 square yard [sq yd]	0,8361 m ²	1 m ²	1,1960 sq yd
1 square mile [sq mile]	2,5899 km ²	1 km ²	0,3861sq mile
Cubic measure UK-/US	Cubic measure metric	Cubic measure metric	Cubic measure UK-/US
1 cubic inch [cu in]	16,3871 cm ³	1 cm ³	0,061cu in
1 cubic foot [cu ft]	0,02832 m ³	1 m ³	35,3107 cu ft
1 cubic yard [cu yd]	0,76455 m ³	1 m ³	1,30795 cu yd
Capacity measure UK	Capacity measure metric	Capacity measure metric	Capacity measure UK
1 fluid ounce [UK fl oz]	28,4131 cm ³	1 cm ³	0,0352 UK fl oz
1 pint [UK pt]	0,56826 dm ³	1 dm ³	1,7598 UK pt
1 quart [UK qt]	1,13652 dm ³	1 dm ³	0,8799 UK qt
1 gallon [UK gal]	4,54609 dm ³	1 dm ³	0,2199 UK gal
Capacity measure US	Capacity measure metric	Capacity measure metric	Capacity measure US
1 fluid ounce [US fl oz]	29,5735 cm ³	1 cm ³	0,0338 US fl oz
1 liquid pint [liq pt]	0,47317 dm ³	1 dm ³	2,1134 US liq pt
1 liquid quart [liq qt]	0,94635 dm ³	1 dm ³	1,0567 US liq qt
1 gallon [US gal]	3,78541 dm ³	1 dm ³	0,2642 US gal
Weights UK-/US	Weights metric	Weights metric	Weights UK-/US
1 ounce [oz]	28,3495 g	1 g	0,03527 oz
1 pound [lb]	0,45359 kg	1 kg	2,20463 lb
1 ton (short) US	907,185 kg	1 to (1000 kg)	1,102 ton (short)
1 ton (long) UK	1016,05 kg	1 to (1000 kg)	0,984 ton (long)
Speed UK-/US	Speed metric	Speed metric	Speed UK-/US
1 mile per hour [mph]	1,6093 km/h	1 km/h	0,6214 mph (mi/h)
1 mile (nautical) per hour [kn]	1,852 km/h	1 km/h	0,54 kn (nmi/h)
Force UK-/US	Force metric	Force metric	Force UK-/US
1 poundal [pdl]	0,1382 N	1 N	7,2330 pdl
1 pound-force [lbf]	4,4482 N	1 N	0,2248 lbf
1 UK ton-force = 2240 lbf	9,96402 kN	1 kN	0,1004 UK tonf
1 US ton-force = 2000 lbf	8,89644 kN	1 kN	0,1124 US tonf
Pressure UK-/US	Pressure metric	Pressure metric	Pressure UK-/US
1 pound-force/sq ft [lbf/ft ²]	47,8803 Pa	1 Pa = 1 N/m ²	0,02089 lbf/ft ²
1 pound-force/sq in [lbf/in ²]	6,89476 kPa	1 kPa	0,14503lbf/in ²
1 pound-force/sq in (psi)	0,689476 N/cm ²	1 N/cm ²	1,45038 lbf/in ² (psi)
1 pound-force/sq in (psi)	0,068947 bar	1 bar	14,5038 lbf/in ² (psi)
Temperature UK-/US	Temperature metric	Temperature metric	Temperature UK-/US
x ° Fahrenheit [° F]	x ° Celsius [° C] x 9/5) + 32	x ° Celsius [° C]	x ° Fahrenheit [° F] – 32) x 5/9

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