



CONTI Conveyor Belts for the Automotive Industry

CONTI Conveyor Belts

The economic alternative for the horizontal and vertical transport

As a result of the general trend toward and in the interest of rendering traction mechanisms that are less maintenance intensive, special transport belts have been developed for the automotive industry and other similar applications.

The advantages these offer over traditional traction mechanisms – like chains or cables – are the following:

- › quieter operation
- › less energy consumption
- › greater wear resistance
- › little or no maintenance requirement
- › invulnerability to overload
- › greater worker safety
- › long service life
- › joltless operation

What's more, steel cables enjoy an edge over textiles in the following aspects:

- › minimal elastic and plastic elongation (creep)
- › high dynamic strength – right down to the belt splice
- › visual running and life condition inspection

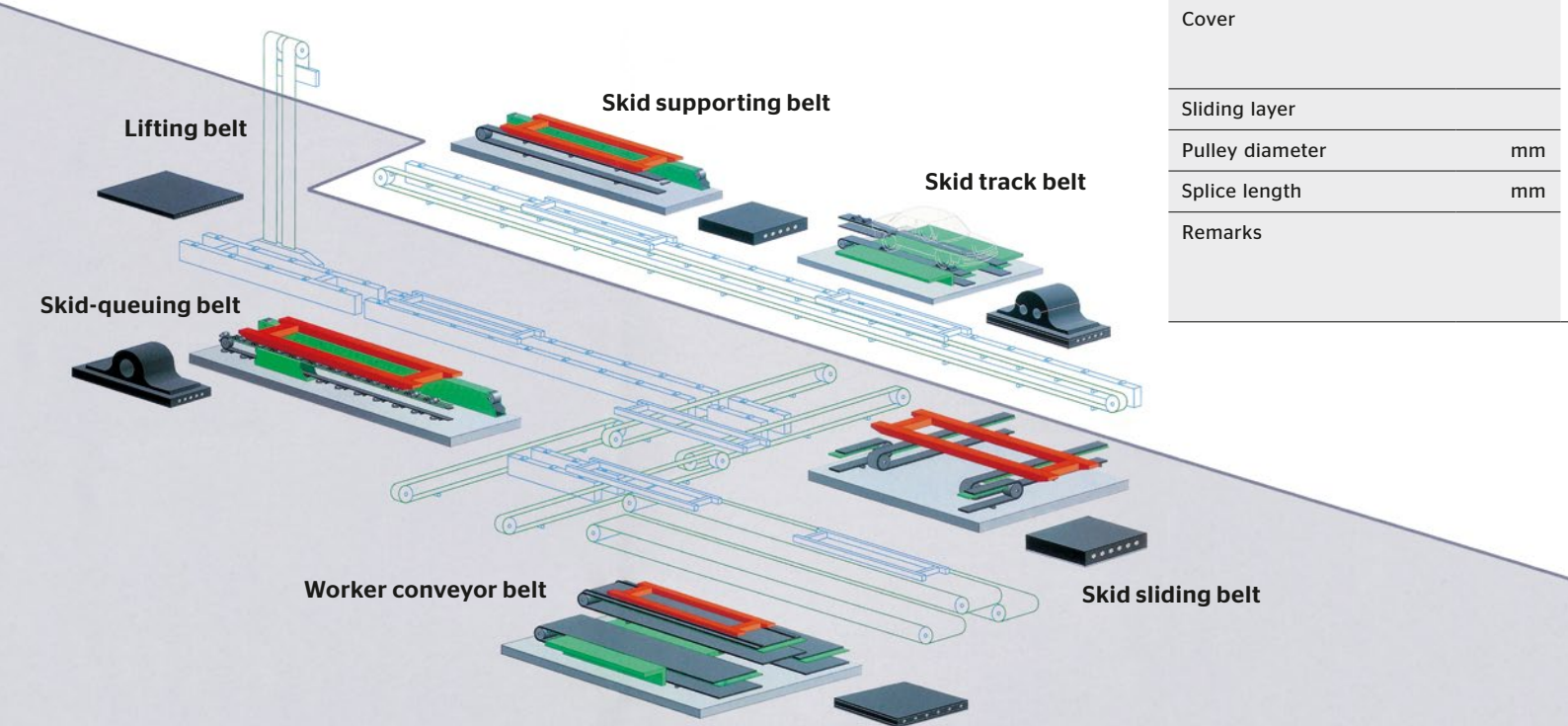
Application areas

Continental Conveyor Belts transport longitudinally, laterally and vertically:

- › passenger car bodyshells or truck cabs on skids
- › partially assembled passenger cars on assembly platforms
- › finished passenger cars on their own wheels
- › workers at assembly lines
- › pallets and skeleton containers used in material flow and warehouse operations



Technical data	
Standard type	
Nominal tensile strength	N/mm
Nominal breaking force	kN
Breaking elongation	%
Width	mm
Thickness	mm
Weight	kg/m
Steel cable diameter	ø mm
Cover	
Sliding layer	
Pulley diameter	mm
Splice length	mm
Remarks	





Skid sliding belts

skids are moved on belts in dual arrangement, sliding along a flat surface and moving perpendicular to the longitudinal axis.

Skid-queuing belts

arranged singly, they convey and queue up skids.

Supporting belts

used in single or dual arrangement for longitudinal conveyance of skids or platforms.

Track belts

operating in dual arrangement, these belts transport finished passenger cars on their own wheels in a longitudinal direction. Belts can be equipped with wheel stoppers.

Worker conveyor belts

in single or multiple arrangement, these belts slide along a flat surface, transporting workers, skid-mounted vehicle bodies, finished passenger cars etc..

Lifting belts

usually arranged in pairs, they lift and lower evenly distributed loads.

Sliding belt S 501 GL-43CE-VSK S 502 GL	Supporting belt S 125 T-53CE-GIK	Skid queuing S 125 PH-35CE-GIK*	Lifting belt S 125 SX-33CE-GIK	Track belt S ... QST/ GL-SS-CE-VSK	Worker conveyance belt S ... QST/ GL-SS-CE-VSK
500	1250	1250	1250	500 ... 2000	500 ... 2000
33,2 / 49,8 66,4 / 99,6	85,5 / 85,5 / 119,7 153,9 / 170,0	85,5 / 85,5 / 119,7 153,9 / 170,0	116 ... 546	-	-
approx. 2	approx. 2	approx. 2	approx. 2	approx. 2	approx. 2
55/80/110/160	55/70/80/100/110	55/70/80/100/110	75 ... 360	250 ... 2000	1000 ... 5000
approx. 10,0	approx. 12,0	approx. 12,0	approx. 8,75	13,0 ... 18,0	12,0 ... 18,0
0,7 / 1,0 / 1,4 / 2,0	1,12 / 1,60 / 1,75 2,20 / 2,24	1,12 / 1,60 / 1,75 2,20 / 2,24	1,06 ... 5,10	-	-
2,8	4,1	4,1	2,8	2,8 ... 5,1	2,8 ... 5,1
CE Standard black 57 Shore A rubber, KTL proof V for additionally oil, grease and welding resistance EPDM for additionally wax resistance					
silicone-free	silicone-free	silicone-free	silicone-free	silicone-free	silicone-free
synthetic-fabrics	-	-	-	synthetic-fabrics	synthetic-fabrics
> 230 (200 opt.)	> 280	> 280	> 300	250 ... 630	250 ... 630
400	1000	1000	-	400 ... 1200	400 ... 1000
Options: endless ex works, bottom cover - sliding fabric		Options: rubber bracket, grooves	Option: wedged end fastener	Options: wheel stopper, smart belt	Options: wheel stopper

* PH = with fasteners/PN = with grooves on one side
Further types (strengths, widths) available upon request.



