

Conveyor
Viking

A decorative graphic consisting of a horizontal row of colored squares. From left to right, the colors are: yellow, green, yellow, green, yellow, blue, blue, blue, blue, blue.

Industrial

BELT

Catalogue

0800 845 464
www.vikingconveyor.co.nz

Contents

	Page no
INDUSTRIAL - Quarrior/Tuffply/Viking	
Quarrior Rubber (M-24)	1
Tuffply Rubber (D-18)	1
Primary Rubber (M-24)	1
Viking Rubber (N-17)	1
SPECIALISED - Baler Belt/TimberSpeed/TimberSlide/TimberCleat/Viking MOR	
Baler Belt	2
TimberMate/TimberSlide/TimberCleat	2
Viking MOR	2
Viking Paint Table	2
PROFILED - RoughTop/Solid Woven	
Chevron / Cleat Face	3
Rubber RoughTop	3
Solid Woven	3
YOKOHAMA RUBBER	
REPAIR	
Repair	5
BELT CLEANING SYSTEMS	
Primary Belt Cleaners - Tungsten Tips	6
Primary Belt Cleaners - Urethane Blades	6
Secondary Cleaner - Urethane Blade	7
Reversible Secondary Belt Cleaner	8
Reversible Diagonal Belt Cleaner	8
V Series Plough Belt Cleaner	8
BUCKETS & BOLTS	
HD-Max Heavy Duty Buckets	9
Maxi-Tuff Elevator Buckets	9
Elevator Bolts	10
Elevator Washers / Nuts / Joiner	10
Industrial Component Identification Chart	11



Quarrior: M Grade Belt with excellent gouge, tear and abrasion resistance. Designed to handle sharp rock and abrasion resistance to fines.

Product Code	Plies Ply	Construction	Max Width	Belt Thickness mm			Belt Weight	Tensile Strength	Min Pulley Dia	Temp Range	Abrasion Resistance
				Top Cover	Bottom Cover	Total Belt					
		Strength / Grade	mm				kg/m ²	kg/mm	mm	Degrees C	mm ³
BQ3	3	EP160 (M-24)	1800	4	1.5	10	12	450	400	-40 to 80	<100
BQ4	4	EP160 (M-24)	1800	5	2	11	15	600	500	-40 to 80	<100

Tuffply: D Grade Belt with superior abrasion resistance. Best in applications handling fines such as coal, lime, sand, fertiliser, sand and shingles.

Product Code	Plies Ply	Construction	Max Width	Belt Thickness mm			Belt Weight	Tensile Strength	Min Pulley Dia	Temp Range	Abrasion Resistance
				Top Cover	Bottom Cover	Total Belt					
		Strength / Grade	mm				kg/m ²	kg/mm	mm	Degrees C	mm ³
BST	3	EP160 (D-18)	1800	5	2	11	12	450	400	-40 to 80	<90
BSU	4	EP160 (D-18)	1800	6	2	13	15	600	500	-40 to 80	<90

Tuffply Primary: M Grade Primary Belt with Breaker Ply. Excellent gouge, tear and abrasion resistance.

Product Code	Plies Ply	Construction	Max Width	Belt Thickness mm			Belt Weight	Tensile Strength	Min Pulley Dia	Temp Range	Abrasion Resistance
				Top Cover	Bottom Cover	Total Belt					
		Strength / Grade	mm				kg/m ²	kg/mm	mm	Degrees C	mm ³
BTP	4	EP160 (M-24)	1800	8	2	15	18	600	500	-40 to 80	<100

Viking: N Grade Belt. General purpose use. Good all round properties. Economical

Product Code	Plies Ply	Construction	Max Width	Belt Thickness mm			Belt Weight	Tensile Strength	Min Pulley Dia	Temp Range	Abrasion Resistance
				Top Cover	Bottom Cover	Total Belt					
		Strength / Grade	mm				kg/m ²	kg/mm	mm	Degrees C	mm ³
BCF	3	EP160 (N-17)	1500	4	1.5	10	11	450	400	-40 to 80	<160
BCH	4	EP160 (N-17)	1500	5	2	11	14	600	500	-40 to 80	<160



Specialised

Baler Belt: Tough, high strength product capable of handling the small pulley diameters encountered on round baler machines.

Product Code	Plies Ply	Construction	Max Width	Belt Thickness mm			Belt Weight	Tensile Strength	Min Pulley Dia	Temp Range	Abrasion Resistance
				Top Cover	Bottom Cover	Total Belt					
			mm				kg/m ²	kg/mm	mm	Degrees C	mm ³
BPB	2	Rubber (M-24)	1500	1.5	1	6	8	400	80	-20 to 90	<120
BBW	3	Rubber (M-24)	1420	1.5	1	6	8	500	100	-20 to 90	<120

TimberMate / TimberSlide / TimberCleat: Premium nitrile covers for the timber processing industry

Product Code	Plies Ply	Construction	Max Width	Belt Thickness mm			Belt Weight	Tensile Strength	Min Pulley Dia	Temp Range	Abrasion Resistance
				Top Cover	Bottom Cover	Total Belt					
		Strength / Grade	mm				kg/m ²	kg/mm	mm	Degrees C	mm ³
BSB	3	EP160 (NBR)	1800	3	1.5	8	10	450	400	-20 to 70	<160
BSG-HD	4	EP160 (NBR)	1200	6	Bare	14	17	600	400	-20 to 70	<160
BSG	3	EP160 (NBR-Red)	1200	2	Bare	7	9	450	300	-20 to 70	<140

Viking MOR: Designed for exposure to moderate oil such as in the timber processing industry

Product Code	Plies Ply	Construction	Max Width	Belt Thickness mm			Belt Weight	Tensile Strength	Min Pulley Dia	Temp Range	Abrasion Resistance
				Top Cover	Bottom Cover	Total Belt					
		Strength / Grade	mm				kg/m ²	kg/mm	mm	Degrees C	mm ³
BCM	3	EP160 (MOR)	1500	4	Bare	9	12	450	350	-20 to 70	<250
BPC	2	EP150 (MOR)	1500	3	1.5	7	9	300	250	-20 to 70	<250

Viking Paint Table: For hide processing

Product Code	Plies Ply	Construction	Max Width	Belt Thickness mm			Belt Weight	Tensile Strength	Min Pulley Dia	Temp Range	Abrasion Resistance
				Top Cover	Bottom Cover	Total Belt					
		Strength / Grade	mm				kg/m ²	kg/mm	mm	Degrees C	mm ³
BPT	3	EP160 (M-24)	1395	4	1.5	9	16	450	350	-20 to 70	<100



Chevron / Cleat Face: Variety of profiles available for incline conveyors

Product Code	Plies Ply	Construction	Max Width	Belt Thickness mm			Belt Weight	Tensile Strength	Min Pulley Dia	Temp Range	Abrasion Resistance
				Top Cover	Bottom Cover	Total Belt					
		Strength / Grade	mm				kg/m ²	kg/mm	mm	Degrees C	mm ³
BCC	3	EP160 (N-17 C-15mm Chevron)	750	5	2	11	15	450	400	-40 to 80	<160
BC2	3	EP160 (N-17 Y-25mm Bull Horn)	900	5	2	11	14	450	400	-40 to 80	<160
BPA	3	EP160 (MOR 6mm Multi Vee)	1524	3	1.5	9	10	450	400	-20 to 70	<250
BPA-X	3	EP160 (MOR 6mm Multi Vee)	1220	3	Bare	7	10	450	400	-20 To 70	<250
BPE	2	EP160 (N-17 6mm Multi Vee)	1524	3	1.5	8	10	300	400	-40 to 80	<160

Profiled

Rubber Rough Top: Primarily used for packaged goods on incline conveyors

Product Code	Plies Ply	Construction	Max Width	Belt Thickness mm			Belt Weight	Tensile Strength	Min Pulley Dia	Temp Range	Abrasion Resistance
				Top Cover	Bottom Cover	Total Belt					
		Strength / Grade	mm				kg/m ²	kg/mm	mm	Degrees C	mm ³
BPL	2	EP100 N-17 Tan Roughtop	1500	RT	Bare	6	6	200	100	-20 to 70	<250
BPK	3	EP100 N-17 Tan Roughtop	1500	RT	Bare	8	8	300	150	-20 to 70	<250
BPM	3	EP135 Sheep Wash BLK HD Roughtop	900	RT	FS	10	9	350	250	-20 to 70	<160

Solid Woven: High tear resistant belts used for sorting, material handling and transfer

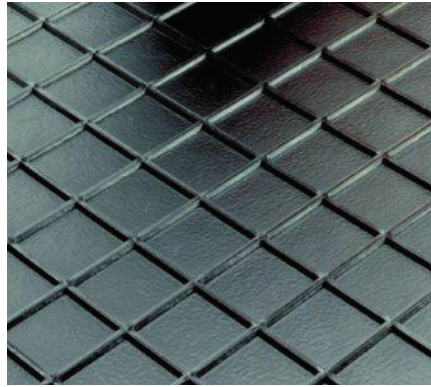
Product Code	Construction		Max Width	Belt Thickness mm			Belt Weight	Tensile Strength	Min Pulley Dia	Temp Range	Abrasion Resistance
				Top Cover	Bottom Cover	Total Belt					
			mm				kg/m ²	kg/mm	mm	Degrees C	mm ³
BDG	SW350	Solid Woven PVC	1829	Smooth	Brushed	6.5	8.5	600	180	-18 to 78	n/a
	SW200	Solid Woven PVC	1829	Smooth	Brushed	5	6.5	350	110	-18 to 78	n/a



Yokohama Rubber: Yokohama Rubber is one of the world's leading makers of heavy duty conveyor belts. The Yokohama product range offers high durable belts suitable for use in mines, quarries and harsh environments. The belts are premium and tailored made to meet the specific requirements of a site - they offer a unique solution.

Product Range	Description
Yokohama Steel Cord Belting	New generation process which fully encapsulates steel cords, eliminating the possibility of corrosion.
Protex	High elongation PE Fabric which provides minimum stretch under normal conditions while providing higher stretch when required. Protex offers superior rip resistance while avoiding carcass damaging expansion.
Ecotex	Proven energy savings technology which reduces the friction between belt and carry idlers. Ecotex offers substantial savings on energy costs and reduces CO2 emissions.
Super Non-Stick	Developed by drastically upgrading the performance of a conventional non-stick belt.
Hamaheat	Top end belt for high heat resistant applications; handles up to 400° C; super abrasion resistance.
Rip Detection System	Moulded induction loop type rip detection system for long and/or critical conveyors.

Yokohama



Repair: Various products available to repair belt damage

Product Code	Repair Type	Application	Max Width	Max Length	Max Thickness
			(mm)	(mm)	(mm)
BRP	Diamond	Repairs up to 60mm	360	270	3.8
BRS	Cover Strip	Repair of longitudinal belt cover damage	70	10	1.7 ~ 2.2
BRR	Fabric Reinforced Strip	Repair of longitudinal tears in fabric ply and steelcord belts	150	10	4.6
BRF	Cold Fabric Reinforced Strip	With CN bonding on both side	500	10	4.6

Rubber Repair Resin: Various products available to repair belt damage

Product Code	Repair Type	Description
BRRR	Rubber Repair Resin	Eli-Flex Rubber Repair Resin FR909 N60 500gram pack
BRRR	Rubber Repair Resin	Eli-Flex Rubber Repair Resin FR909 N60 300gram pack

Step 1



The Conveyor belt or rubber surface must be clean, dry and rough. use a hand-held belt scratcher, stiff-bristle wire brush or electrical grinding disc (use slowest speed setting).

Step 2



Open the resin pack by cutting the aluminium foil along the market lines.

Step 3



Once the resin pack is out of the foil sleeve, grasp both sides and gently pull apart until the separator pops up. Carefully slide out the separator and remove the divider clip.

Step 4



Mix by kneading and squashing the resin pack together until it starts to warm up (3-4 minutes). To ensure a homogeneous resin mix, use the plastic clip to move the resin from the corners of the resin pack towards the centre.

Step 5



Cut open any corner of the resin pack and squeeze out the resin on to the damaged surface area.

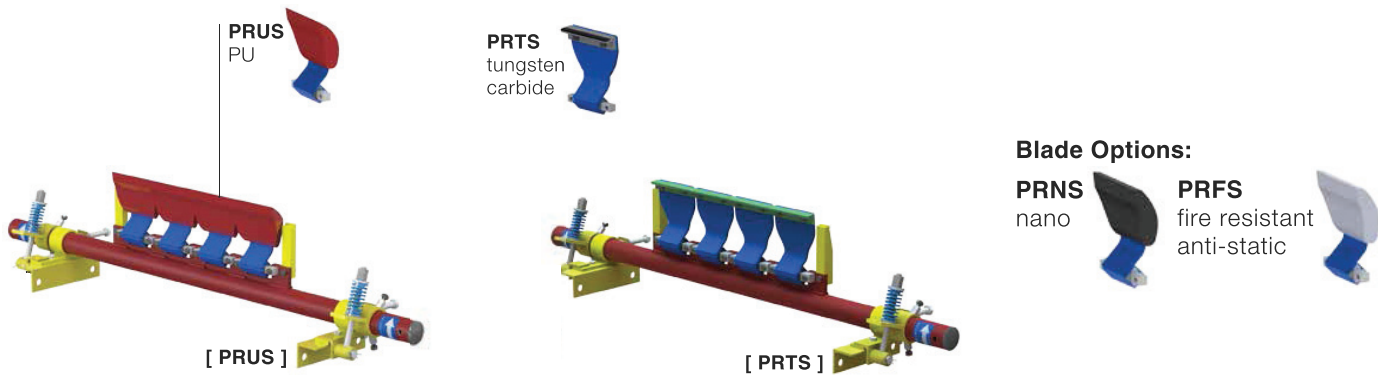
Step 6



Smooth the resin to the desired level using a flat edged implement e.g. putty knife or Eli-Flex spatula (available on request). Leave to cure (see below for curing times).

2 - 2 1/2 Hours@25°
2 1/2 - 3 Hours@18°
3 Hours@10°
5 Hours@5°

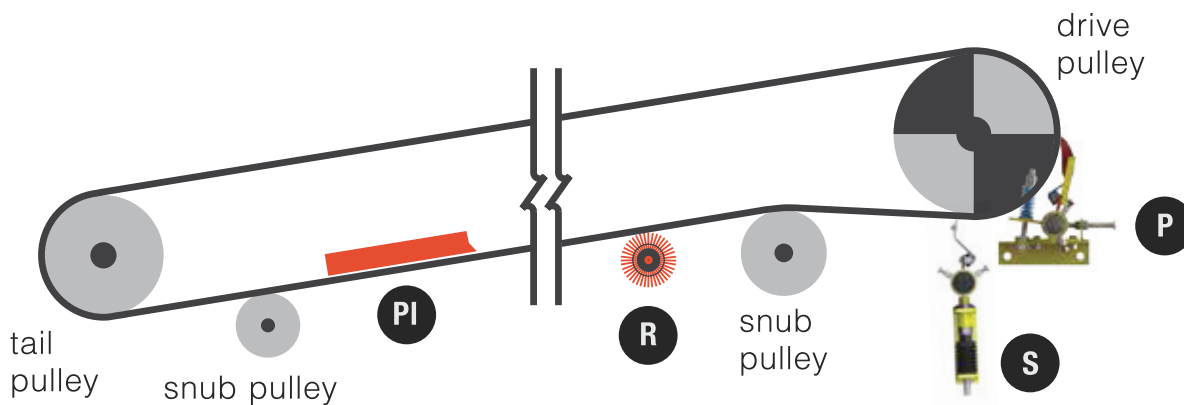
Repair



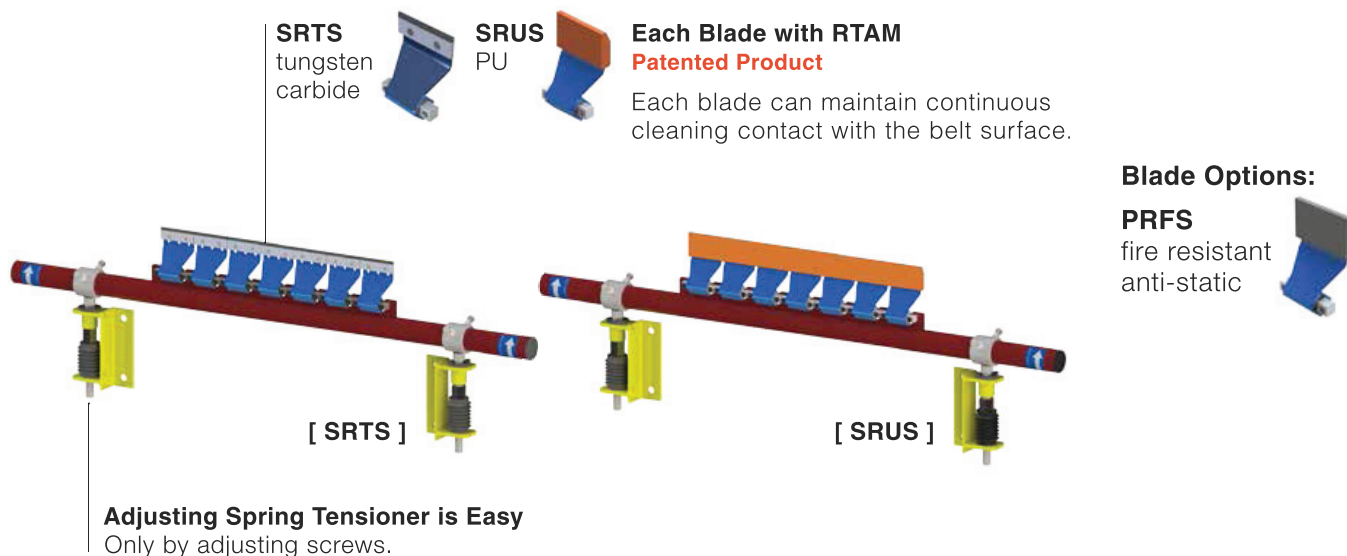
Primary Belt Cleaner: Essential part of the conveyor system, using low pressure to remove 75 ~ 85% of the carryback material.

Product Code	Description	Type	Application	Belt Width (mm)	Belt Speed
BMI8	Primary Belt Cleaner Jim Way c/w Tungsten Tips	JPR-TS	Coal, coke, fertilizer, salt, limestone, sandstone, sulfur	300mm - 1200mm	≤ 4 m/s
BMI9	Primary Belt Cleaner Jim Way c/w Urethane Blades	JPR-U-S	Coal, coke, sinter, salt, iron ore, fertilizer, furnace stone, limestone, sandstone, sulfur	300mm - 1200mm	≤ 4 m/s

Jimway Belt Cleaning Systems: Jim Way develops belt cleaners with high cleaning efficiency, long wear life and minimal maintenance. The cleaners prevent material built-up on the return rollers.

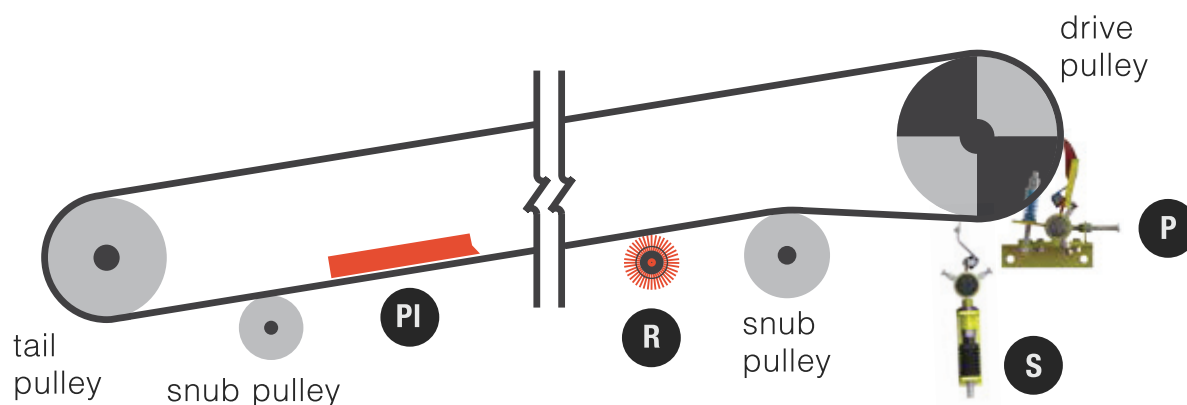


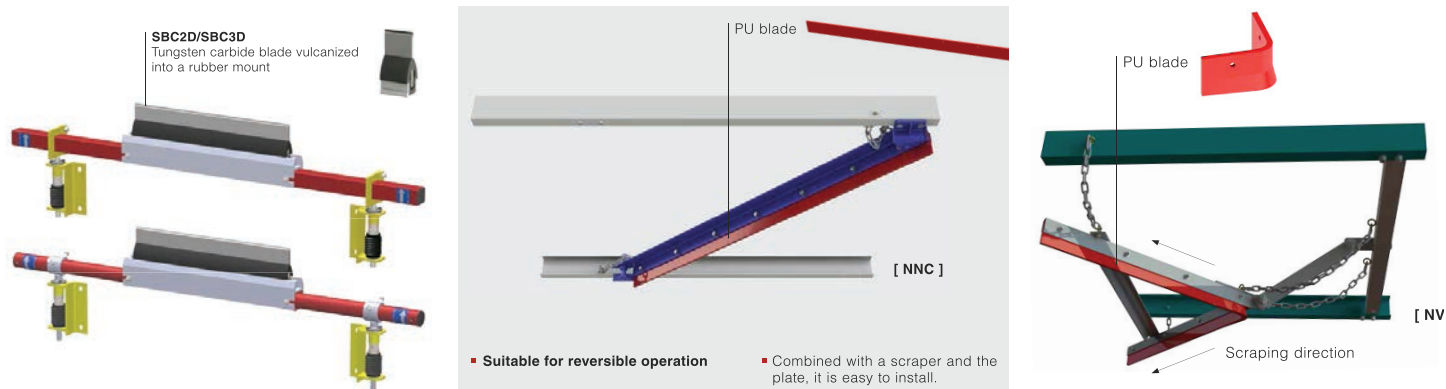
Cleaning



Secondary Belt Cleaner: Secondary and chevron belt cleaners remove residue from the belt still there after earlier cleaners.

Product Code	Description	Type	Application	Belt Width (mm)	Belt Speed
BMU9	Secondary Cleaner Jimway c/w Urethane Blade	JSR-US	Coal, coke, sinter, salt, iron ore, fertilizer, furnace stone, limestone, sandstone, sulfur.	450mm - 900mm	≤ 6.5 m/s





Reversible Secondary Belt Cleaner: Essential part of the conveyor system, using low pressure to remove 75 ~ 85% of the carryback material.

Product Code	Description	Type	Application	Belt Width (mm)	Belt Speed
BMK0	Reversible Secondary Belt Cleaner c/w Tungsten	SBC2D	Coal, coke, sinter, salt, iron ore, fertilizer, furnace stone, limestone, sandstone, sulfur.	300mm - 900mm	≤6 m/s

Reversible Diagonal Belt Cleaner:

Product Code	Description	Type	Application	Belt Width (mm)	Belt Speed
BMK0	Reversible Diagonal	SBC2D	Coal, coke, sinter, salt, iron ore, fertilizer, furnace stone, limestone, sandstone, sulfur.	300mm - 900mm	≤6 m/s

V Series Plough Belt Cleaner: Plow belt cleaner is designed to reduce build-up on the tail pulley to improve belt alignment problems and thus reduce belt damage within the conveyor system

Product Code	Description	Type	Application	Belt Width (mm)	Belt Speed
BMR7	V Series Plough	SBC2D	Coal, coke, sinter, salt, iron ore, fertilizer.	450mm - 1200mm	≤6.5 m/s



HD-Max Heavy Duty Buckets: Designed with thicker walls and reinforced front lip to increase its strength. Common applications: grain, fertiliser, pellets, corn wheat, soybean

Product Code	BUCKET SIZE, INCHES				WEIGHT, LBS.			CAPACITY				
	Bucket Size	Length	Proj.	Depth	(Poly) H.D.PE	Nylon	Urethane	Water Level Cu. Inches	100% Gross Capacity Cu.Inches	Capacity Cu. Feet X-X	Standard Spacing	Carton Qty
BEBR064	6 x 4	6- ¹ / ₄	4- ¹ / ₂	4	0.28	0.53	0.61	0.73	44.20	49.58	6	48
BEBR085	8 x 5	8- ¹ / ₄	5- ⁵ / ₈	5	0.30	0.90	1.04	1.18	88.54	97.98	7	35
BEBR106	10 x 6	10- ³ / ₈	6- ⁵ / ₈	6	0.30	1.64	1.87	2.25	170.69	185.62	8	18
BEBR127	12 x 7	12- ¹ / ₂	7- ³ / ₄	7- ¹ / ₈	0.33	2.73	3.15	3.78	292.41	319.63	9	14
BEBR147	14 x 7	14- ¹ / ₂	7- ¹ / ₈	7- ¹ / ₈	0.33	3.10	3.57	4.19	356.40	386.90	9	12

Maxi-Tuff Elevator Buckets: Traditional shape of a cast iron bucket. Common applications: handling stone, sand, gravel, coal, fertiliser, clay, salt, limestone and concrete.

Product Code	BUCKET SIZE, INCHES				WEIGHT, LBS.			CAPACITY				
	Bucket Size	Length	Proj.	Depth	(Poly) H.D.PE	Nylon	Urethane	Water Level Cu. Inches	100% Gross Capacity Cu.Inches	Capacity Cu. Feet X-X	Standard Spacing	Carton Qty
BEBT064	6 x 4	6- ¹ / ₄	4- ¹ / ₈	4- ¹ / ₈	0.49	0.56	0.69	41.50	54.30	0.024	8	24
BEBT085	8 x 5	8- ¹ / ₈	5- ¹ / ₄	5- ¹ / ₄	1.02	1.17	1.40	89.70	111.70	0.052	10	28
BEBT106	10 x 6	10- ³ / ₈	6- ¹ / ₈	6- ¹ / ₈	1.39	1.54	1.88	148.30	191.60	0.086	12	35
BEBT127	12 x 7	12- ³ / ₈	7- ¹ / ₈	7- ¹ / ₈	2.21	2.47	3.00	244.10	320.40	0.141	14	12
BEBT147	14 x 7	14- ³ / ₈	7- ¹ / ₈	7- ¹ / ₈	2.57	2.91	3.50	298.40	384.40	0.178	14	12



Standard Bolts



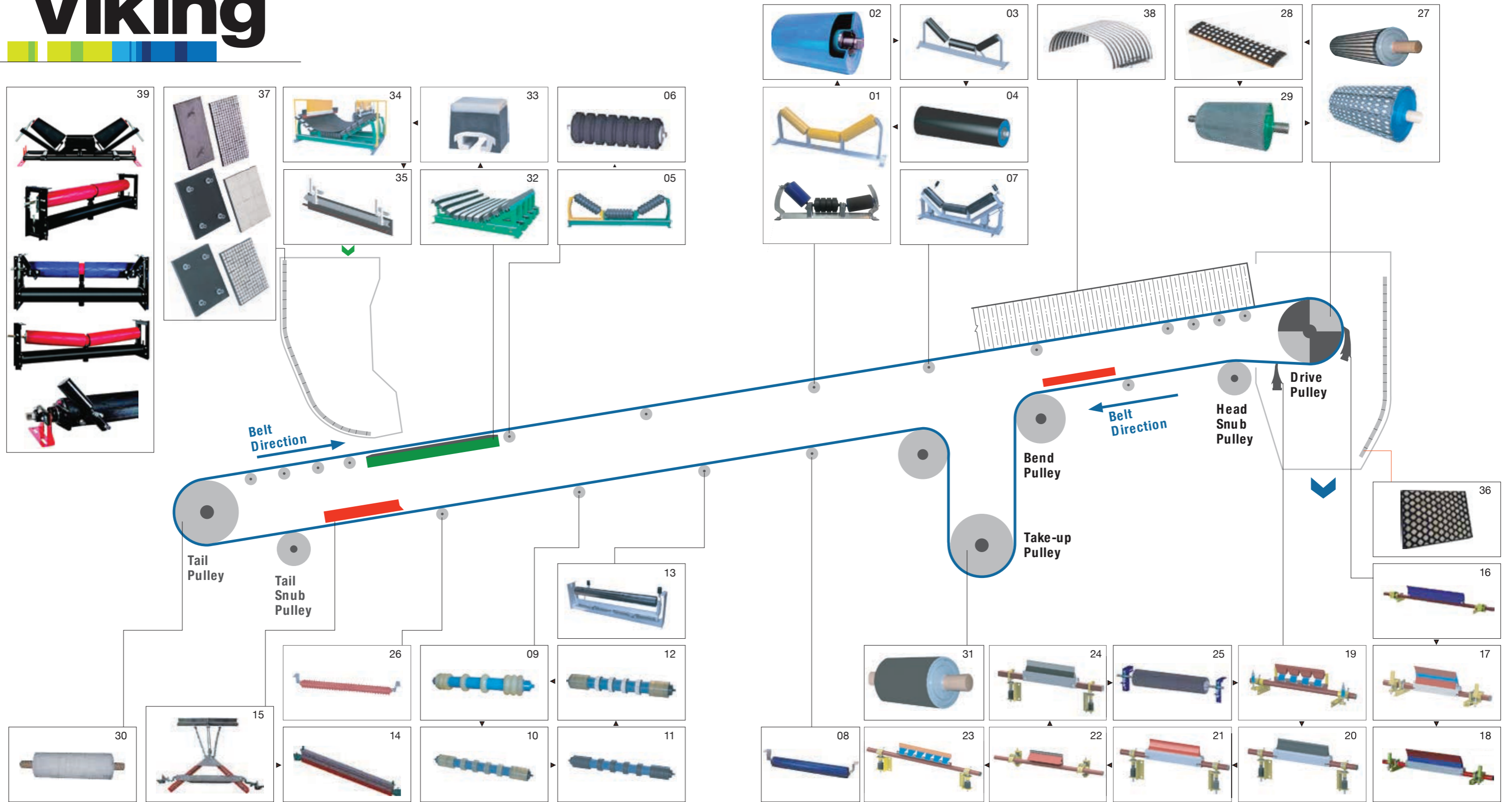
Sabre - Tooth Bolts

Elevator Bolts: Maxi-lift Elevator Bolts exceed all industry standards for grade 2 elevator bolts.

Product Code	Type	Material	Size - inches	Weight per 100pcs	Carton Qty
BEBN014/S	Standard - Norway	Carbon or Stainless	1/4" x 1"	3.24	100
BEBN516/S	Standard - Norway	Carbon or Stainless	5/16" x 1-1/2"	6.38	100
BEBS014	Sabre - Tooth	Carbon	1/4" x 1"	3.24	100
BEBS516	Sabre - Tooth	Carbon	5/16" x 1-1/2"	6.38	100
BEBS382	Sabre - Tooth	Carbon	3/8" x 2"	8.31	100

Elevator Washers / Nuts / Joiner: Maxi-lift Elevator Washers, Nuts and Joiner exceed all industry standards for grade 2 elevator bolts.

Product Code	Type	Material	Size - inches	Carton Qty
BEF014/S	Flat Washer	Zinc or Stainless	1/4"	100
BEF516/S	Flat Washer Split Ring Lock	Zinc or Stainless	5/16"	100
BEL014/S	Washer Split Ring Lock	Zinc or Stainless	1/4"	100
BEL516/S	Washer	Zinc or Stainless	5/16"	100
BEN014/S	Hex Nut	Zinc or Stainless	1/4"	100
BEN516/S	Hex Nut	Zinc or Stainless	5/16"	100
BEMSCI	Hex Bolt & Nut (2' width)	MAXI-SPLICE CI	1/2" x 4-1/2"	100



- 01. Steel Troughing Idler with Galvanised Frame Adjustable Galvanised Frame
- 02. Steel Roller
- 03. HDPE Troughing Idler
- 04. HDPE Roller
- 05. Impact Troughing Idler
- 06. Impact Roller
- 07. Self-Training Carrying Idler
- 08. Return Idler

- 09. Return Roller with Ring
- 10. Return Roller with Flat Disc
- 11. Return Roller with Rubber Disc
- 12. Return Roller with Ceramic Disc
- 13. Self-Training Return Idler
- 14. Plow Type Belt Cleaner
- 15. Vee Type Belt Cleaner

- 17. Primary Belt Cleaner - CRT1
- 18. Primary Belt Cleaner - C1UD
- 19. Primary Belt Cleaner - PRUS
- 20. Secondary Belt Cleaner -SBC2
- 21. Secondary Belt Cleaner -SUC2
- 22. Secondary Belt Cleaner -SRT2
- 23. Secondary Belt Cleaner -SRUS
- 24. Secondary Reversible Belt Cleaner -SBC2D

- 25. Secondary Belt Cleaner - RBC
- 26. Spiral Return Idler
- 27. Drive Pulley
- 28. Replaceable Pulley Lagging
- 29. Drive Pulley with Diamond Groove Lagging
- 30. Tail Pulley with Flat Ceramic Lagging
- 31. Take-Up Pulley

- 33. Replaceable Impact Bed
- 34. Light-Duty Impact Bed
- 35. Multiply Skirt Rubber
- 36. Ceramic Liner
- 37. Ceramic Liner for Impact Area
- 38. Belt Cover
- 39. Tru-Trac Tracking Systems