

Conveyor Belt Sectional Vulcanizer DSLQ-S

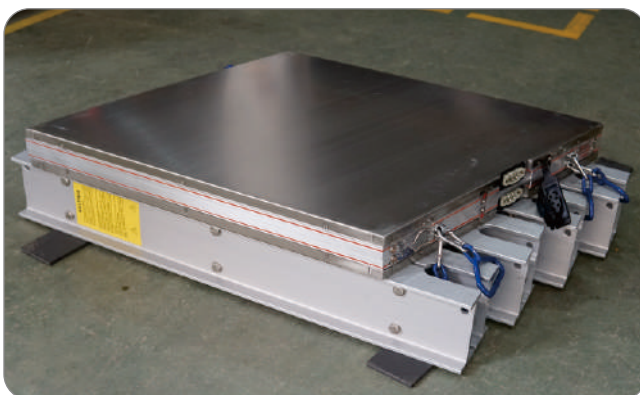


Beltwin new conveyor belt sectional vulcanizers DSLQ-S offer great heat vulcanized splicing for all fabric ply EP rubber belts, steel cord ST rubber belts. Working Pressure 100PSI and 200PSI. DSLQ-S can cover all splicing length and is portable to field site. Providing **12 months warranty** for whole machine & **24 months warranty** for heating element and pressure bag. Whole machine is CE certificated. Widely used in Germany, UK, France, Russia, USA, Mexico, Indonesia and many other countries.

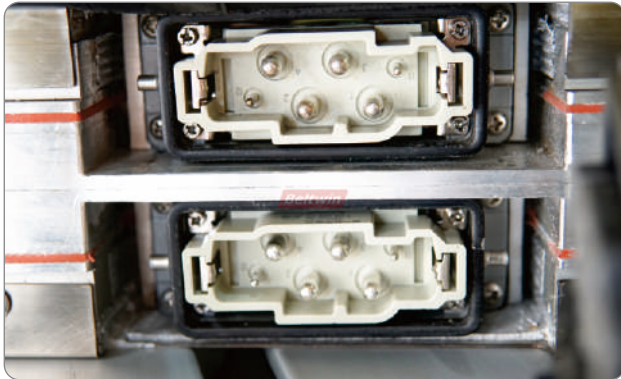
Technical Description:

Heating platen within water cooling system

- 53mm total thickness of Beltwin heating platen, insulating board covered by stainless steel (thickness 1.5~2mm). Max temperature 200°C, **20~30mins can heat up to 145°C**, the temperature difference of the whole surface is under $\pm 5^{\circ}\text{C}$ when dwell time.
- Quick integral water cooling incorporated in platen design, even if cooling via electric pressure pump is workable. **10~15mins fast cooling down from 145°C to 75°C**.
- Different from other vulcanizers, **Beltwin's newly designed cooling system ensures less residual water after long-term use**. Easy to clean the 10% remaining water in the platen with compressed air after cooling.



New electrical connector



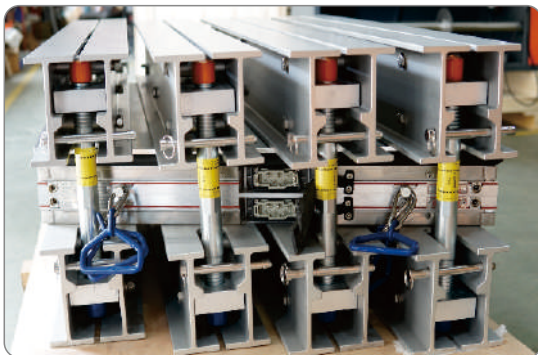
Beltwin uses the European standard plugs & Sockets, with CE marks. The pins is bigger size, to avoid loose contact and burn the socket. The new type connect system can reduce this risk 70~80%. Original "HARTING" brand connector is optional.

Heating Element

- 5 layers durable "Silicone Element" heating system (2 silicone layers, 2 glass fiber fabric layers and heater.)
- Durable composite insulation makes it much safer.
- Completed sealed to prevent oxidation, and ensure a longer lifetime.
- Flexible heating element offers uniform heating of the whole heating platen.
- Adopting etching technology, under computer control, equalizing distribution of the heater and evenly spaced.
- 24 months warranty on the heating element.



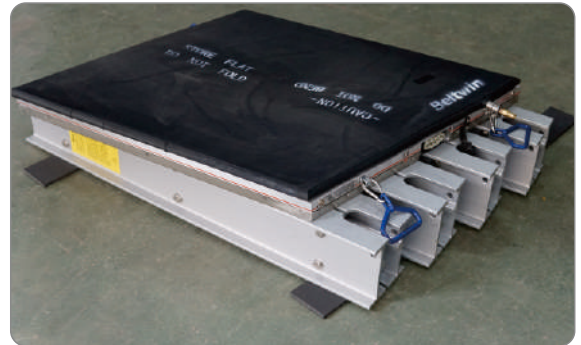
Light weight Beams with bolt & nut set



- The beams are made of lightweight extruded aluminum.
- **Standard beams use grade 7005 aluminum material, beam for over 1200mm belt width vulcanizer use grade 6082 aluminum material. Almex style E type cross beam is optional.**
- Recessed high tensile steel nut/bolt assemblies, made of material 45# steel.
- Nut and bolt within the beam, much safer.
- Beams with anodizing, compared with painting, can offer longer protection and looks much better.
- Completed section makes sure the beam structure will keep as original, much safer.
- Easy to assemble, no need to use a tension wrench.

Pressure System

- Pressure bag made of durable fabric-reinforced rubber ensures uniform pressure across splice surface. **The rubber inner bag expansion rate is 600-700, about 200-300% higher than others.** For example, can extend one pc 200mm long rubber to 1000mm and no damage. It will make sure the rubber will not have small holes after expand, so it will not leakage after a long time of use.
- **The rubber material is 3 times higher cost than normal rubber.**
- Pressure bag includes inner bag, fabric, rubber layer and outside protection layer. After production, **the bag is tested to keep 260PSI/18 BARS pressure keep 2 hours**, making sure it will not have any problem at 200PSI working pressure.
- **24 months** warranty of Beltwin reinforced bag. **One pressure bad can use for 200~300 jointing.**



Standard:
Electric pressure/cooling pump.

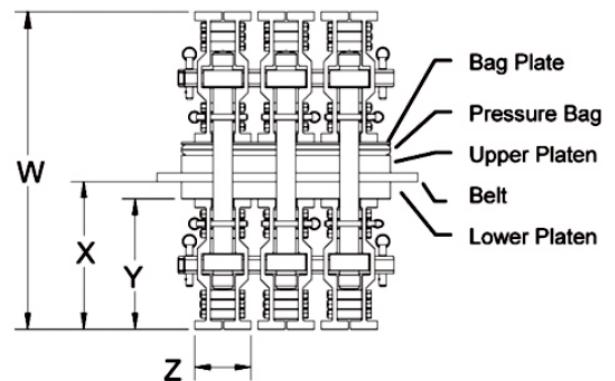


Auto controller with cables

- Include 2 temperature controllers, 1pc timer, 2 pcs amperemeters and 1 pc voltmeter.
- Dual Omron or SHIMADEN digital temperature control and indication.
- **The same standard as Almex, It's easy to replace your old Almex control system, being more flexible and saving costs.**
- Accurate temperature and read out, CE-approved electric components.



Optional:
Almex style E type cross beam

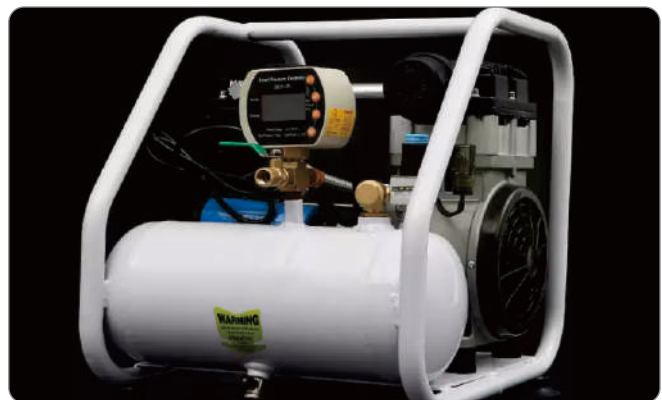


Beam Model	EA		EAX		EB		EC		E380		E430	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
W	22	559	27.5	699	32.5	826	32.5	826	36.5	927	36.5	927
X	9.75	248	12.5	318	15	381	15	381	17	432	19	483
Y	7.75	197	10.5	267	13	330	13	330	15	381	17	430
Z	7	178	7	178	6	152	6.5	165	6.5	165	6.5	165

Optional:
Pressure/cooling pump with 90L water tank,



Optional:
Digital display air compressor,



Heating Platen Drawing:

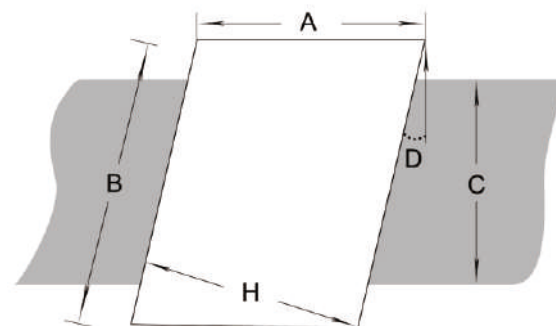
A= Length of heating platen along belt

B= Width of heating platen across the belt on the bias

C= Belt width

D= Bias angle

H= Vertical length of platen

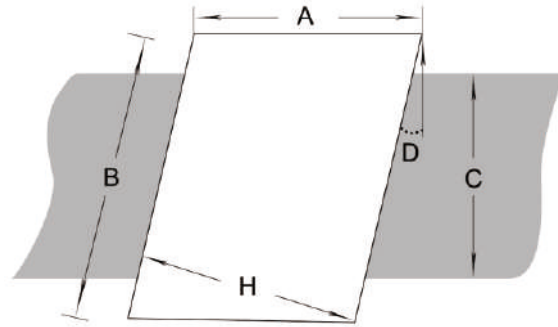


100PSI (7kg/cm sq.) units suitable for splicing fabric ply belting.

Model Number	Belt Width		Platen Information						Bias Angle (D)	Power Of Platen	Length Of Beams	Quantity Of Beams
	C		Dimension	H	A		B					
mm	mm	inch	L*W*H mm	mm	mm	inch	mm	inch		KW	L*W*H mm	Piece
DSLQ-S 800×830	800	31	950*830*55	830	870	34	950	37	17.3	9	1220*165*170	8
DSLO-S 800x1000	800	31	950*1000*55	1000	1050	41	950	37	17.3	11	1220*165*170	10
DSLQ-S 1000×660	1000	39	1160*660*55	660	690	27	1160	46	17.3	7.5	1440*165*170	6
DSLQ-S 1000×830	1000	39	1160*830*55	830	870	34	1160	46	17.3	11.5	1440*165*170	8
DSLQ-S 1000×1000	1000	39	1160*1000*55	1000	1050	41	1160	46	17.3	14	1440*165*170	10
DSLO-S 1200×660	1200	47	1380*660*55	660	690	27	1380	54	17.3	11	1660*165*250	6
DSLO-S 1200×830	1200	47	1380*830*55	830	870	34	1380	54	17.3	13	1660*165*250	8
DSLO-S 1200x1000	1200	47	1380*1000*55	1000	1050	41	1380	54	17.3	16	1660*165*250	10
DSLQ-S 1400×660	1400	55	1600*660*55	660	690	27	1600	63	17.3	12	1880*165*250	6
DSLO-S 1400×830	1400	55	1600*830*55	830	870	34	1600	63	17.3	16	1880*165*250	8
DSLQ-S 1400x1000	1400	55	1600*1000*55	1000	1050	41	1600	63	17.3	19	1880*165*250	10
DSLQ-S 1600×660	1600	63	1900*660*55	660	690	27	1900	75	17.3	15	2180*165*250	6
DSLQ-S 1600×830	1600	63	1900*830*55	830	870	34	1900	75	17.3	19	2180*165*250	8
DSLQ-S 1600x1000	1600	63	1900*1000*55	1000	1050	41	1900	75	17.3	22	2180*165+250	10
DSLQ-S 1800×660	1800	71	2100*660*55	660	690	27	2100	83	17.3	16	2400*165*250	6
DSLO-S 1800×830	1800	71	2100*830*55	830	870	34	2100	83	17.3	21	2400*165*320	8
DSLO-S 1800x1000	1800	71	2100*1000*55	1000	1050	41	2100	83	17.3	25	2400*165*320	10
DSLO-S 2000×660	2000	79	2300*660*55	660	690	27	2300	91	17.3	18	2600*165*320	6
DSLQ-S 2000×830	2000	79	2300*830*55	830	870	34	2300	91	17.3	23	2600*165*320	8
DSLO-S 2000x1000	2000	79	2300*1000*55	1000	1050	41	2300	91	17.3	28	2600*165*320	10
DSLO-S 2200×660	2200	87	2500*660*55	660	690	27	2500	98	17.3	20	2800*165*320	6
DSLO-S 2200×830	2200	87	2500*830*55	830	870	34	2500	98	17.3	25	2800*165*320	8
DSLO-S 2200x1000	2200	87	2500*1000*55	1000	1050	41	2500	98	17.3	30	2800*165*320	10

Heating Platen Drawing:

A= Length of heating platen along belt
 B= Width of heating platen across the belt on the bias
 C= Belt width
 D= Bias angle
 H= Vertical length of platen



200PSI (14kg/cm sq.) units suitable for splicing steel cord conveyor belting.

Model Number	Belt Width		Platen Information						Bias Angle (D)	Power Of Platen	Length Of Beams	Quantity Of Beams
	C		Dimension	H	A		B					
mm	mm	inch	L*W*H mm	mm	mm	inch	mm	inch		KW	L*W*H mm	Piece
DSLQ-S 800×830	800	31	950*830*55	830	870	34	950	37	17.3	9	1220*165*170	12
DSLO-S 800x1000	800	31	950*1000*55	1000	1050	41	950	37	17.3	11	1220*165*170	8
DSLQ-S 1000×660	1000	39	1160*660*55	660	690	27	1160	46	17.3	7.5	1440*165*170	10
DSLQ-S 1000×830	1000	39	1160*830*55	830	870	34	1160	46	17.3	11.5	1440*165*170	12
DSLQ-S 1000×1000	1000	39	1160*1000*55	1000	1050	41	1160	46	17.3	14	1440*165*170	8
DSLO-S 1200×660	1200	47	1380*660*55	660	690	27	1380	54	17.3	11	1660*165*250	10
DSLO-S 1200×830	1200	47	1380*830*55	830	870	34	1380	54	17.3	13	1660*165*250	12
DSLO-S 1200x1000	1200	47	1380*1000*55	1000	1050	41	1380	54	17.3	16	1660*165*250	8
DSLQ-S 1400×660	1400	55	1600*660*55	660	690	27	1600	63	17.3	12	1880*165*250	10
DSLO-S 1400×830	1400	55	1600*830*55	830	870	34	1600	63	17.3	16	1880*165*250	12
DSLQ-S 1400x1000	1400	55	1600*1000*55	1000	1050	41	1600	63	17.3	19	1880*165*250	8
DSLQ-S 1600×660	1600	63	1900*660*55	660	690	27	1900	75	17.3	15	2180*165*250	10
DSLQ-S 1600×830	1600	63	1900*830*55	830	870	34	1900	75	17.3	19	2180*165*250	12
DSLQ-S 1600x1000	1600	63	1900*1000*55	1000	1050	41	1900	75	17.3	22	2180*165*320	8
DSLQ-S 1800×660	1800	71	2100*660*55	660	690	27	2100	83	17.3	16	2400*165*320	10
DSLO-S 1800×830	1800	71	2100*830*55	830	870	34	2100	83	17.3	21	2400*165*320	12
DSLO-S 1800x1000	1800	71	2100*1000*55	1000	1050	41	2100	83	17.3	25	2400*165*320	8
DSLO-S 2000×660	2000	79	2300*660*55	660	690	27	2300	91	17.3	18	2600*165*320	10
DSLQ-S 2000×830	2000	79	2300*830*55	830	870	34	2300	91	17.3	23	2600*165*320	12
DSLO-S 2000x1000	2000	79	2300*1000*55	1000	1050	41	2300	91	17.3	28	2600*165*320	8
DSLO-S 2200×660	2200	87	2500*660*55	660	690	27	2500	98	17.3	20	2800*165*320	10
DSLO-S 2200×830	2200	87	2500*830*55	830	870	34	2500	98	17.3	25	2800*165*320	12
DSLO-S 2200x1000	2200	87	2500*1000*55	1000	1050	41	2500	98	17.3	30	2800*165*320	8

Accessory List

Aluminum Cross Beam



Built- in Bolt



Safety Pin



Heating Platen



Pressure Bag



Pressure Equalization Plat



Control Box



Input Cable



Output Cable



Electric Pump



High-pressure Pipe



Cooling System Pipe
Blue cold water inlet



Drain Pipe
Red hot water outlet



Connector Clip



Fuse Protector



Quick Coupling

