



BIQUICK PROCESS SYSTEMS
Global Service Shanghai China



Sweden Design Germany Quality China Made

Providing Solutions For
steel belts and cooling solidification systems



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Biquick Process Systems

Products

Chemical Stainless Steel Belt

Food Conveyor Belt (stainless steel or carbon steel)

Special Belt (high strength belt)

Single Belt Cooler (flake) System

Double Belt Cooler System

Pastille System

Mould and Sheet Casting System

Technical Support

Spare Parts and Service

Please contact us what you are interested in. We will provide our professional service according to your requests.

Notes

Introduction

Biquick Process Systems is a high tech company founded by group of oversea Chinese system experts and steel belt manufactures. More than 40 employees globally work together and genuinely cooperate with customers to provide best solutions to meet customer satisfactions. Our mission is: Based in China and serve globally.

We are expertise in providing total solutions, advanced applications, production process controls and post service to those steel belt transmission based manufactures such as cooling systems, pastille systems, mould and sheet casting ems, dehydrate systems, and so on.

In China, BPS's head quarter is in Shanghai and offices will be set up in Beijing, GuangZhou, JiangXi, HuNan, and FuJian.

The service center is in Shanghai, China providing spare parts, inspection and maintenance, urgent repairs, installation, and operation trainings to present productivity value of these investments.



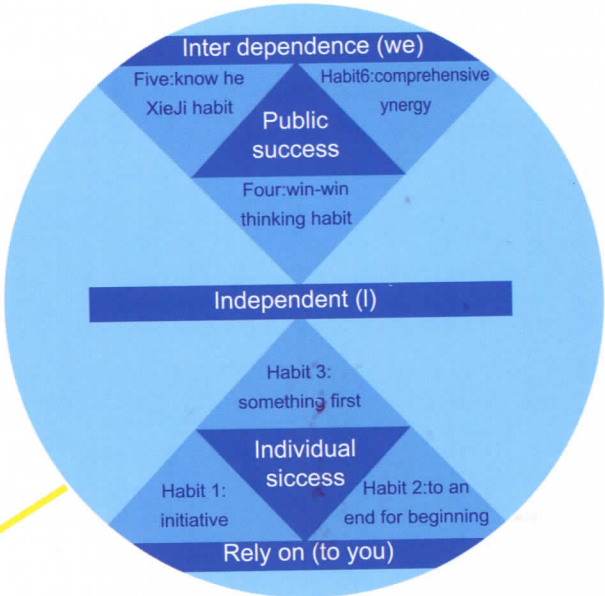


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Biquick Process Systems

Our Team

As a the best steel belt solution provider over the world, our team is to be a valued partner to steel belts and cooling systems customers in China and around the world, offering steel belts and solidification solutions with newest tech, materials, and components.



Cooperation and creation



Target and action

Good Quality BPS Steel Belt

BPS has very unique expertise and technology in steel belt systems and applications. BPS provides customization, design, manufacture, installation, and service in different industries , especially in foods and chemical industries.

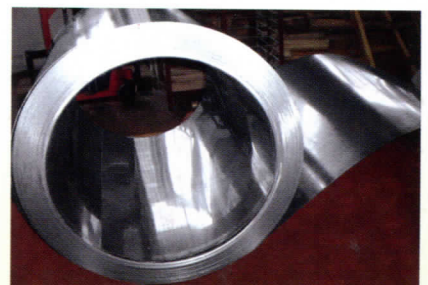
BPS has below product attributes:

- Stiff and smooth
- Temperature resistant
- Easy to clean
- Wearable
- High thermal transmission
- High tensile stress
- Easy to weld
- Easy to maintain



We also provide customized design to fulfill special requirements

- Stainless steel belt and carbon steel belt
- Polished belt
- Perforation belt
- Longitudinal belt



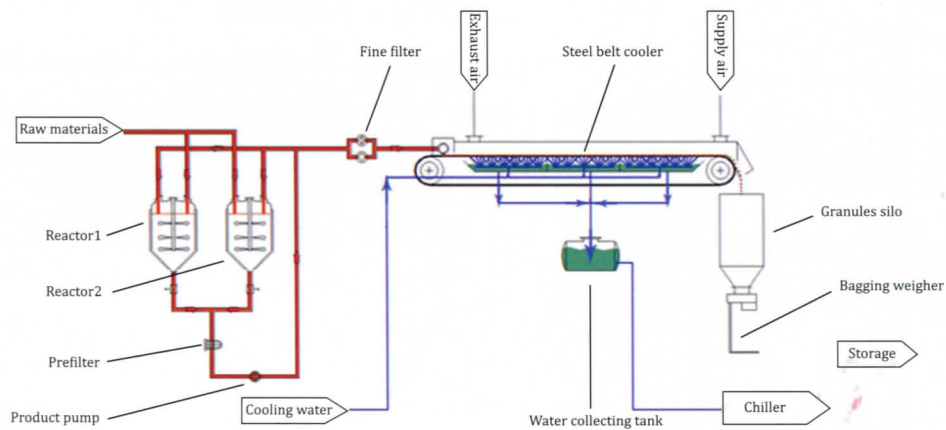
Different Solutions

- The ideal process and equipments establish continuous production line with less exposure under atmosphere, environmentfriendly,highly efficient operation, easy to operate and maintain.

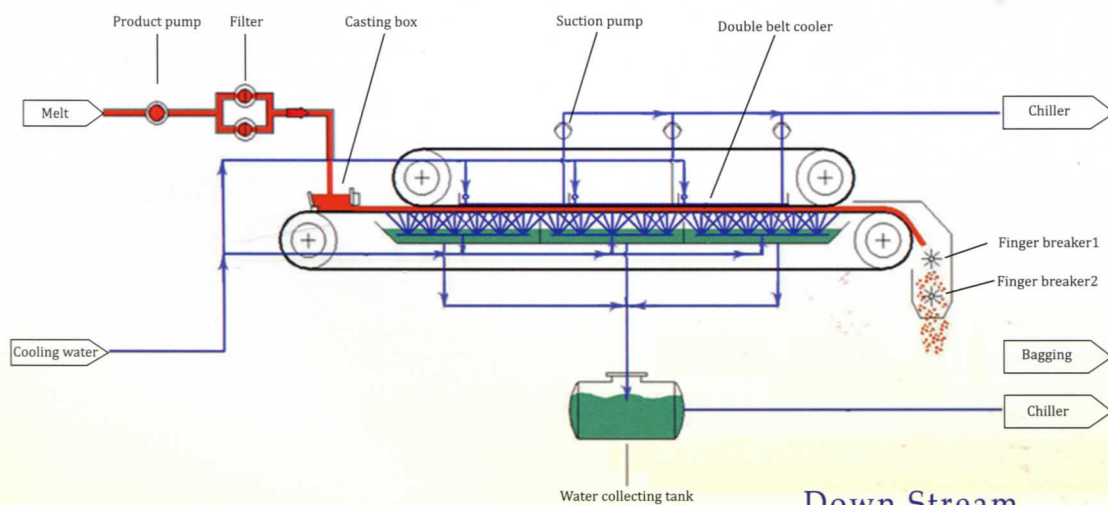


BPS cooling process systems

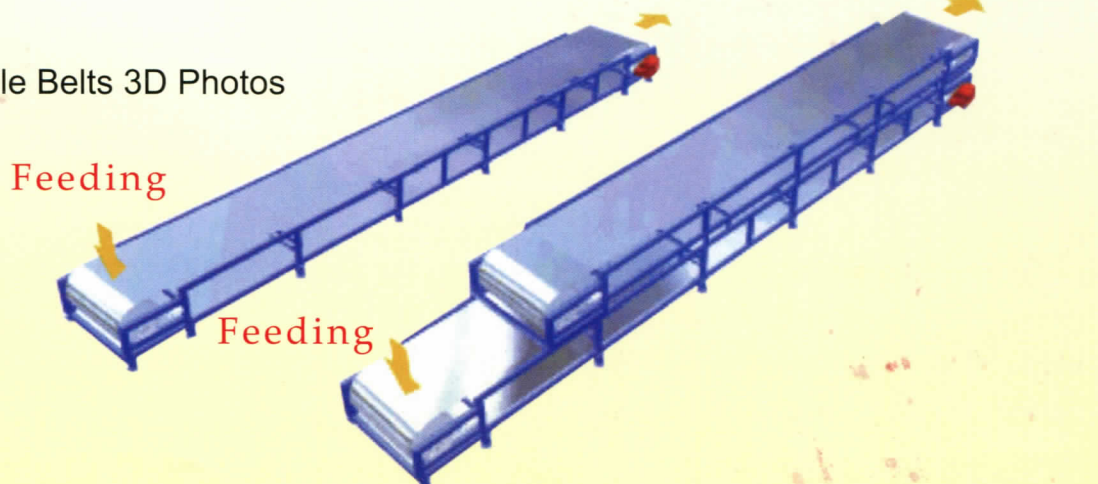
Single Steel Belt Process System



Double Steel Belt Process System



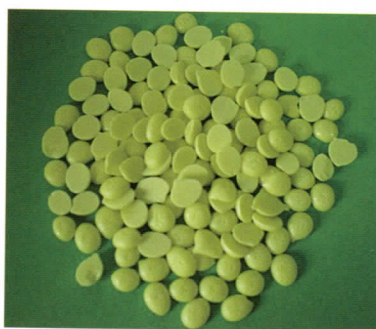
Single & Double Belts 3D Photos



Pastiller Process Systems

Advantages

- High Capacity
- Pastille to Solid
- Adaptation
- Suitable for both Standard and Customized process



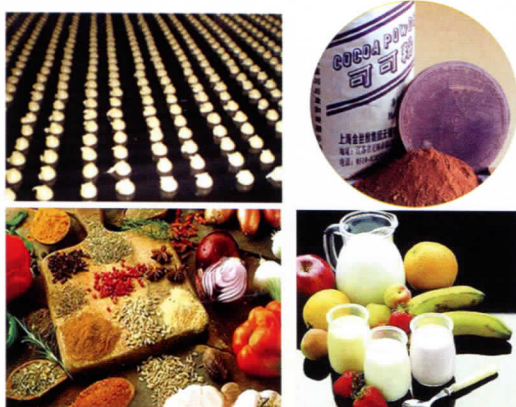
Combination Pastillations

BPS outstanding solution performs continuous efficient productivity.
Solutions are highly reliable and satisfied widely by customers.



Application Field

- Activator
- Additive
- Aluminium sulfate
- AMM
- Antioxidant
- Asphalt
- Bisphenol A
- Calcium chloride
- Calcium nitrate
- Calcium stearate
- Cheese



- Chocolate
- Cobalt stearate
- Coco powder
- Edible
- Emulsifiers
- Epoxy resin
- Fatty acid
- Flavoring
- Hot melt
- Hydrocarbon resin
- Insecticide

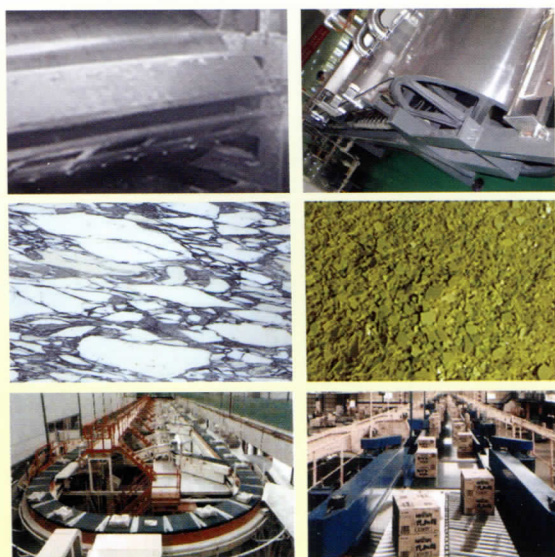
- Niter potassium
- PET
- Phenolic resin
- Phosphate potassium
- Pitch
- Polyamide
- Polyester
- Potassium hydroxide
- Powder painting
- PVC additive
- Resin
- Rubber
- Silicon resin
- Sodium acetate
- Sodium acid
- Wax
- Zine stearate



BPS Solutions

The experience we have built up in turnkey project management enables us to provide a complete service, the good skills and tech. to max the clients return on processing.

- Chocolate sugar sweets and candy
- Confectionery meat and poultry
- Foods
- Tobacco
- Bakery
- Seafood



- Conveyors and sorting
- Film casting
- Rubber
- Medium density board (MDF)
- Chemical solidification
- Artificial marble
- Resins
- Powder paint
- Sulphur
- Adhesives
- Others chemical compound



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Biquick Process Systems

Application

BPS suitable for a range of different applications by the steel belt applications:



Dryer / Freezer

We offer a choice of dry and freeze for food industry, i.e., vegetables, fruits, seafoods, meat, pasty food.

Bake Oven

BPS-SB 13C and perforated carbon belt provides the ideal base on the bake oven sticky foods.



Conveyor

The steel belt has good durability and sanitation to become the best type of transportation. It is often used on powder painting (normal temp), plastic (200°C), coffee (-45°C) and pharmaceutical industries.



Cooling / Pastilles

The systems form flakes and pastilles from melting cooling down to solid in one step, which is the best time and energy saver.

Cooling

BPS is designed for continuous production in chemical (resin and plastic).



Sheet casting

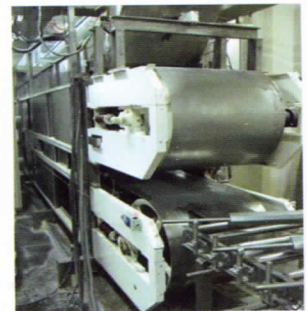
We design total solutions for film casting, artificial marble, plate lamination etc.



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Biquick Process Systems

Our Customers



Transportation Industry



Double Belt Flaker



Single Belt Cooling Equipment

Service

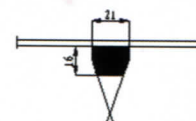
We have a lot of experience in providing the following service:

New belt installation & welding.

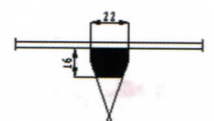
New equipment installation.

Training on site.

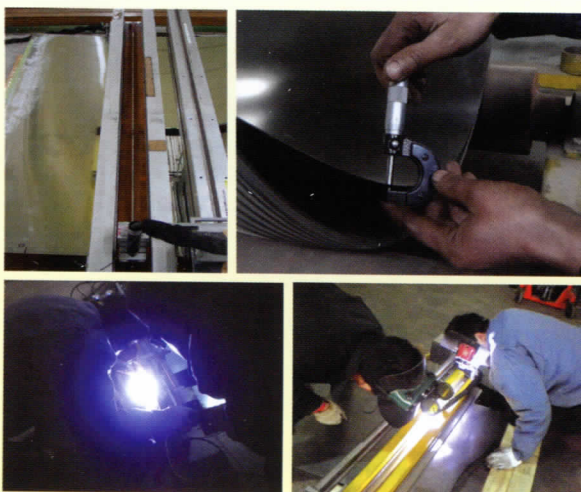
Equipment maintenance



EuRo standards



USA standards



Belt maintenance and repair

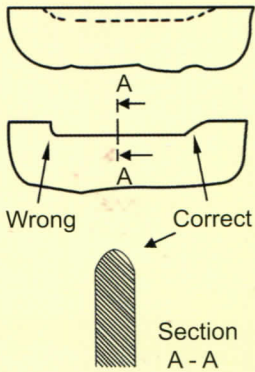
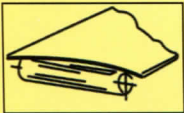
Cracks of steel belt

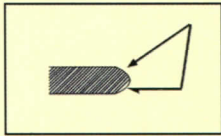
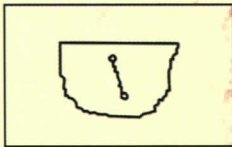
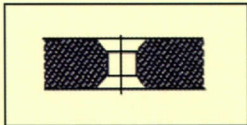
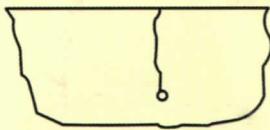
Dents caused by foreign materials

Roughing-shot peening

Partial replacement of belt

Service And Methods

Problem	Cause	Action
Side wandering	Pulleys idlers slide bars break points Unequal temperature over the belt width	Clean the items,make sure they are rotating freely , replace worn parts ,adjust.  Ensure that a uniform temperature is achieved.
Burrs at the edges	Due to side wandering the belt has touched the structure or other rigid object.	File the belt edges so that they are round. Examine belt tracking.
Scratches on the load side	Feeding and /or discharge decices are not operating properly	Repair or replace the damaged parts
Waved edges	Due to side wandering the belt has touched the structure or other rigid object.Pressure of belt cleaner or scraper is higher at the belt edges than at the middle of the belt .	The damaged edge must be cut off and the new edge carefully filed round.  The conditions causing the damage must be corrected.
Wavy edges and/or small blisters in the belt	Uneven temperature.	Usually these deformations disappear at ambient or uniform temperature.Incases where the deformations remain in the belt.
Deformations 	Pulleys contaminated Belt support contaminated and/or damaged Scratches and abrasion	Clean pulleys Clean or replace belt support Check scrapers objects in contact with the belt surface.

Convex  Concave	Material slightly hammers on the belt at the feeding point Belt tension too hi	Note: Belts with concave or convex deformationgs can be levelled by special levelling devices ,please contace our office.
Hairline cracks in welded joint	Normal wear	Contact our office regarding repair welding.
Hairline cracks	Fatigue of the belt	f the crack is at the belt edge,a crescent shaped piece may be cut out and the edges filed round.  if the crack is not at the belt edge ,small holes may be drilled at each end of the crack to prevent it spreading.  Thoroughly remove burrs at the drill holes 
Continuously crack		if the crack develops from the belt dege,and is so long that the belt edge cannot be cut,a small hole shoule be drilled at the end of the crack.  Fatigue cracks can also be welded, for further information,contact your nearest our office. When a belt shows signs of fatigue,the purchase of a spare belt should be considered.
Accidental damage		It may be necessary to cut out the damaged section and to splice in a new piece. Note: The length of the new ssection must not be less than 2/3 of the circumference of the pulley.
V-ropes or true tracking belts worn or loose	V-rope sheaves not correctly adjusted.Accident.	Adjust sheaves.Prevent accidents.if a new section of V-rope needs fixing,contact our office.



BPS, Your Faithful Partner

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