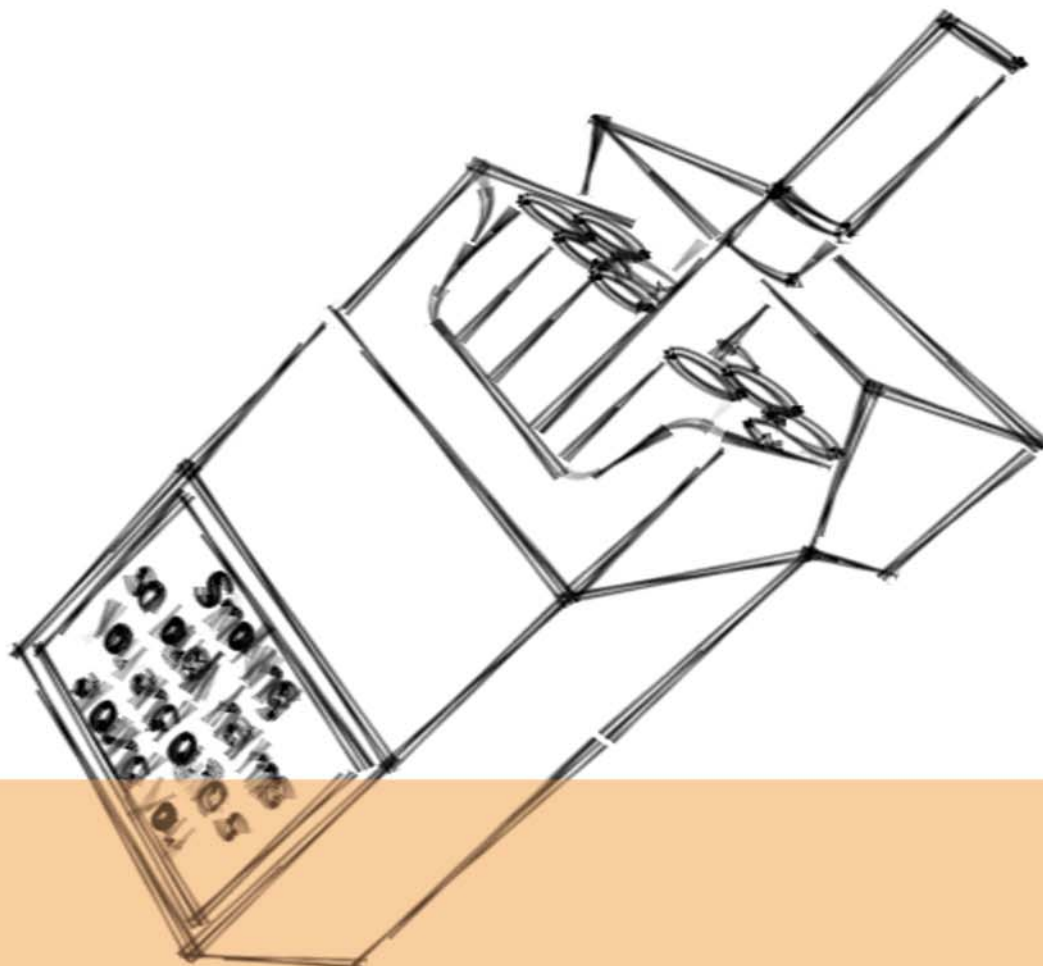
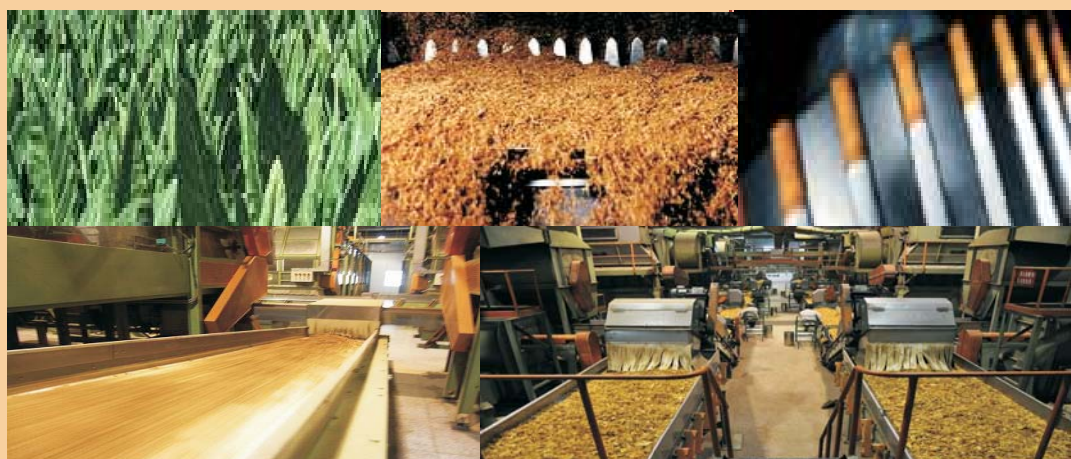




Tobacco conveyor and processing Belts



YONGLI - Engineer your movement



TOBACCO SERIOUSLY DAMAGES HEALTH

Tobacco conveyor and processing Belts

A wide range of conveyor and processing belts are required in the tobacco industry. These belts are the key elements which ensure the efficient and trouble-free flow of the material in different processing stage.

More than 20 years service in tobacco industry, YongLi Belting provides the full range of products and solutions which must meet the increasing requirements from our customers.

With excellent chemical and mechanical properties and extensive range of accessories, YongLi Belting tobacco industry products meet the requirements for production reliability and productivity.

Our tobacco conveyor and processing belts of

PVC(Polyvinyl chloride), **PU**(Polyurethane)

PE(Polyolefine), **TPEE**(Polyester) and **TPO**(Thermoplastic polyolefine):

Physically:

- Quick and easy installation
- Maintenance-free
- Good track
- Long service life time

Chemically:

- Pyrolysis conformable. (Only CO₂ and H₂O after burning out)
- High temperature environment conformable.(70°C+ near the steamed tobacco leaf dropping pipe)
- Pure coating and clendering material layer(no bonding or adhesive layer)

REACH



PAHS



YongLi is very glad to provide you with all the relevant certificate report from Intertek and SGS



Remarks: Limited by the conditions under which these pictures are taken, the pics shown here might be different from those of actual products, only serving reference purpose only. For further information, please contact our salesmen.

Different tobacco manufacturing process

- Green leaf processing
- Primary processing
- Secondary manufacturing

Generally, we divide the tobacco conveyor and processing industry into three big stages, which have different requirements to their unique application. YongLi would like to provide our suggestion and solutions to our customers with high quality products and experienced methods.

Green leaf processing:

Picking and sorting of leaf bundles
Conditioning processing
Threshing(Stems out)
Re-dryer processing
Baling processing
Aging processing



Primary processing:

Bale opening
Conditioning processing
Casing processing
Blending processing
Cutting processing
Dryer processing
Storage



Secondary manufacturing:

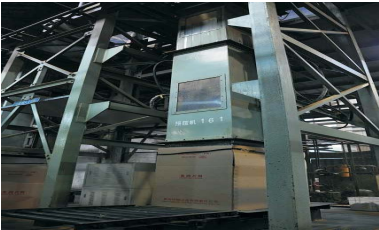
Cigarette wrapping
Packaging



Green leaf processing overview (schematic)

The schematic drawings shown hereby, can not represent the complete industrial process. The suggestion and advice can only be considered as general indications. Due to the complexity of the technical requirements and process influences, there are of course other possible solutions.

Therefore, we only list some possible products here. Nevertheless, there are many other YongLi products may meet your requirements. Please inquire.



Baling



Re-dryer



Stem out (to stem expansion processing)



Leaf out (to primary processing)



Thresher



Weigh belt



Ration feeder



Super hoist conveyor



Shuttle conveyor



Shuttle conveyor



Shaking mesh cylinder



Vacuum steaming



Picking and sorting(positioning)



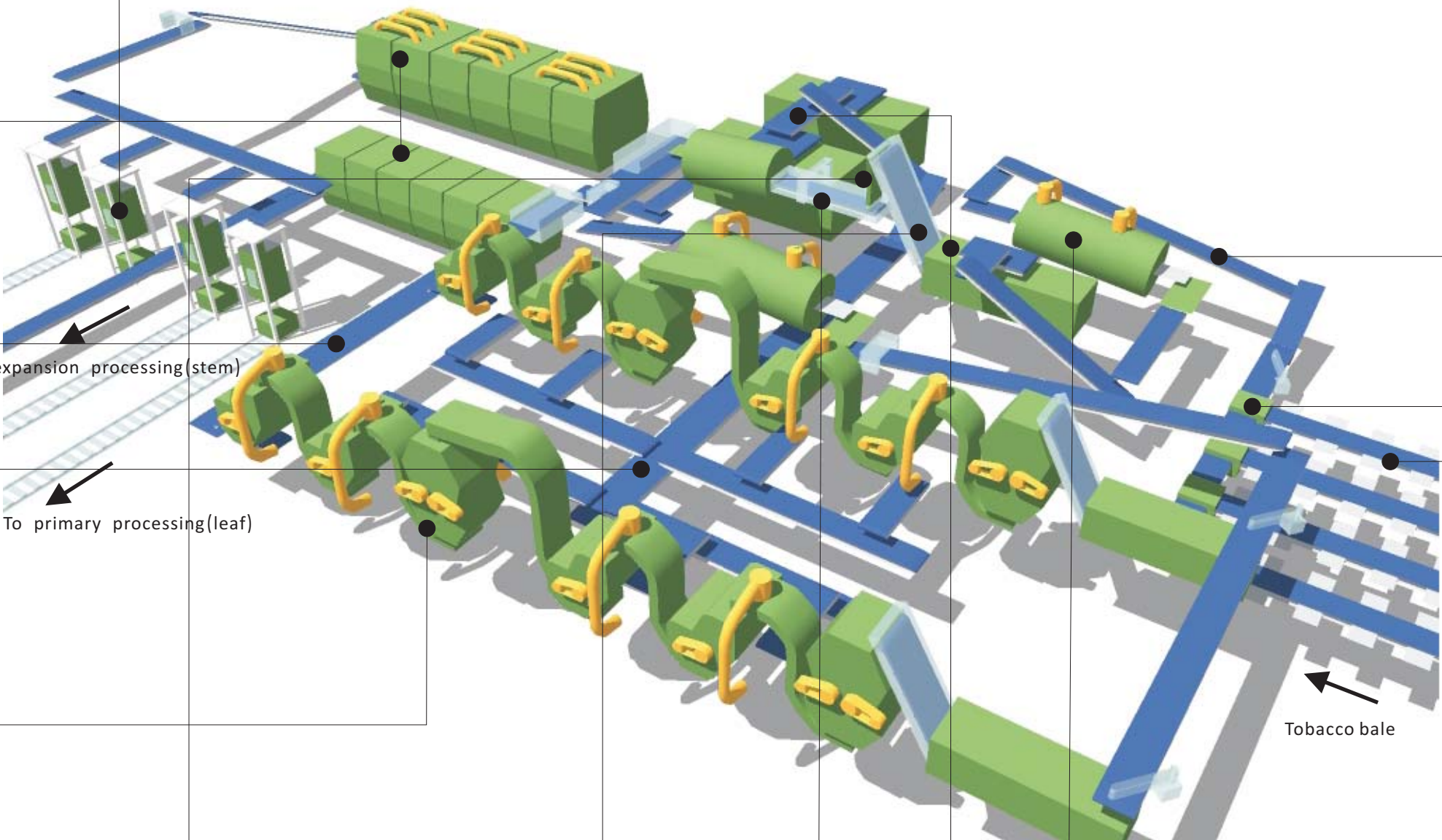
Picking and sorting(positioning)



De-baling



Inclined conveying(>22°)



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Primary processing overview (schematic)

The schematic drawings shown hereby, can not represent the complete industrial process. The suggestion and advice can only be considered as general indications. Due to the complexity of the technical requirements and process influences, there are of course other possible solutions.

Therefore, we only list some possible products here. Nevertheless, there are many other YongLi products may meet your requirements. Please inquire.



Shaking mesh cylinder



Flat conveying(<7°)



Shuttle conveyor



Storage cabin



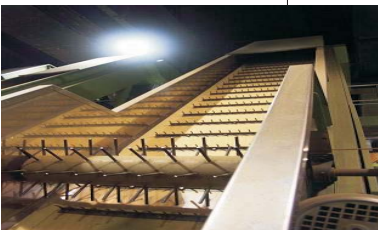
Thresher



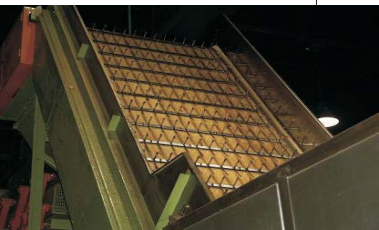
Weigh belt



Metal detector



Super hoist conveyor



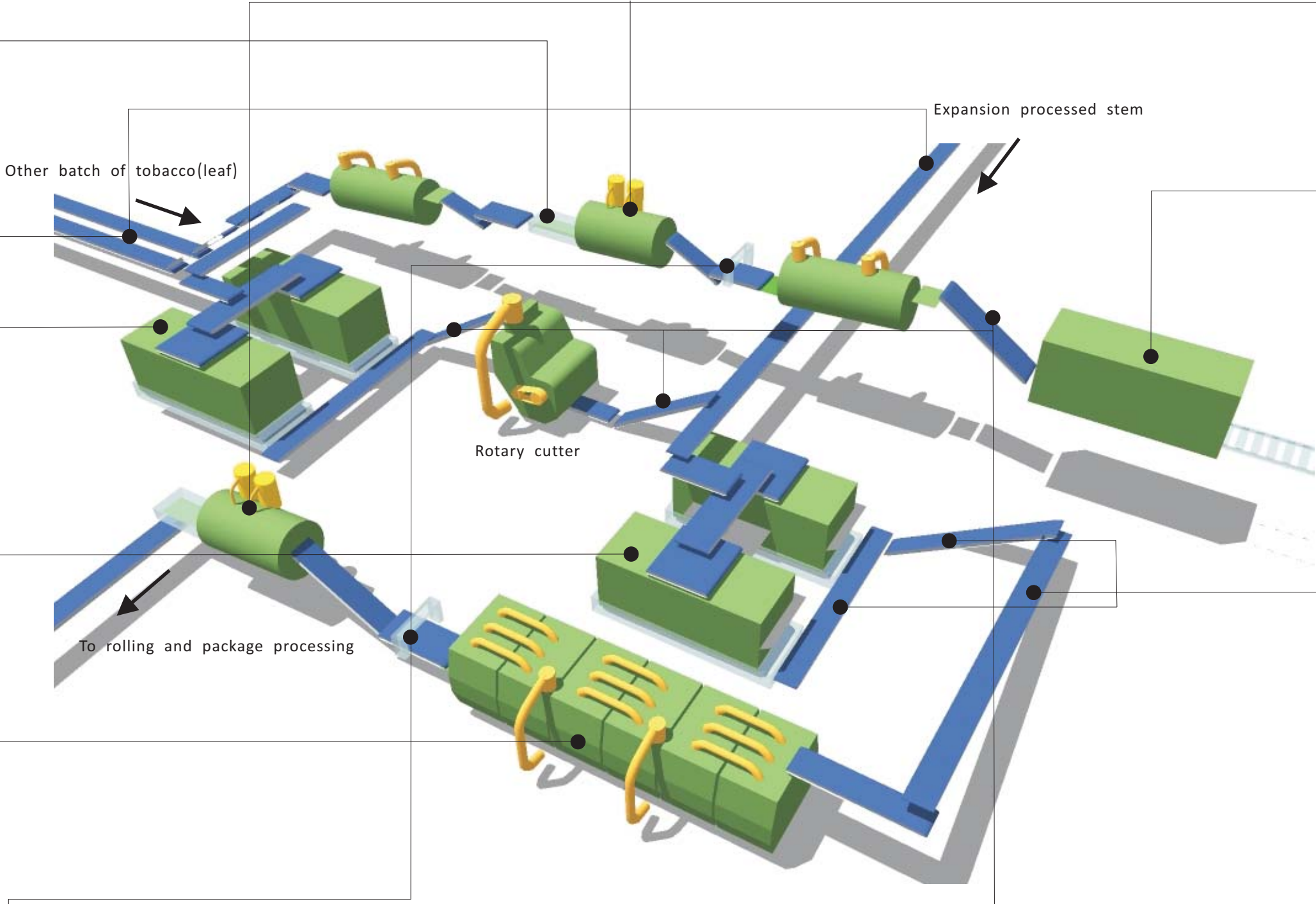
Super hoist conveyor



Super hoist conveyor



Super hoist conveyor



Casing solution adjustment



Vacuum steaming



Flat conveying(<7°)



Inclined conveying(7°<x<15°)



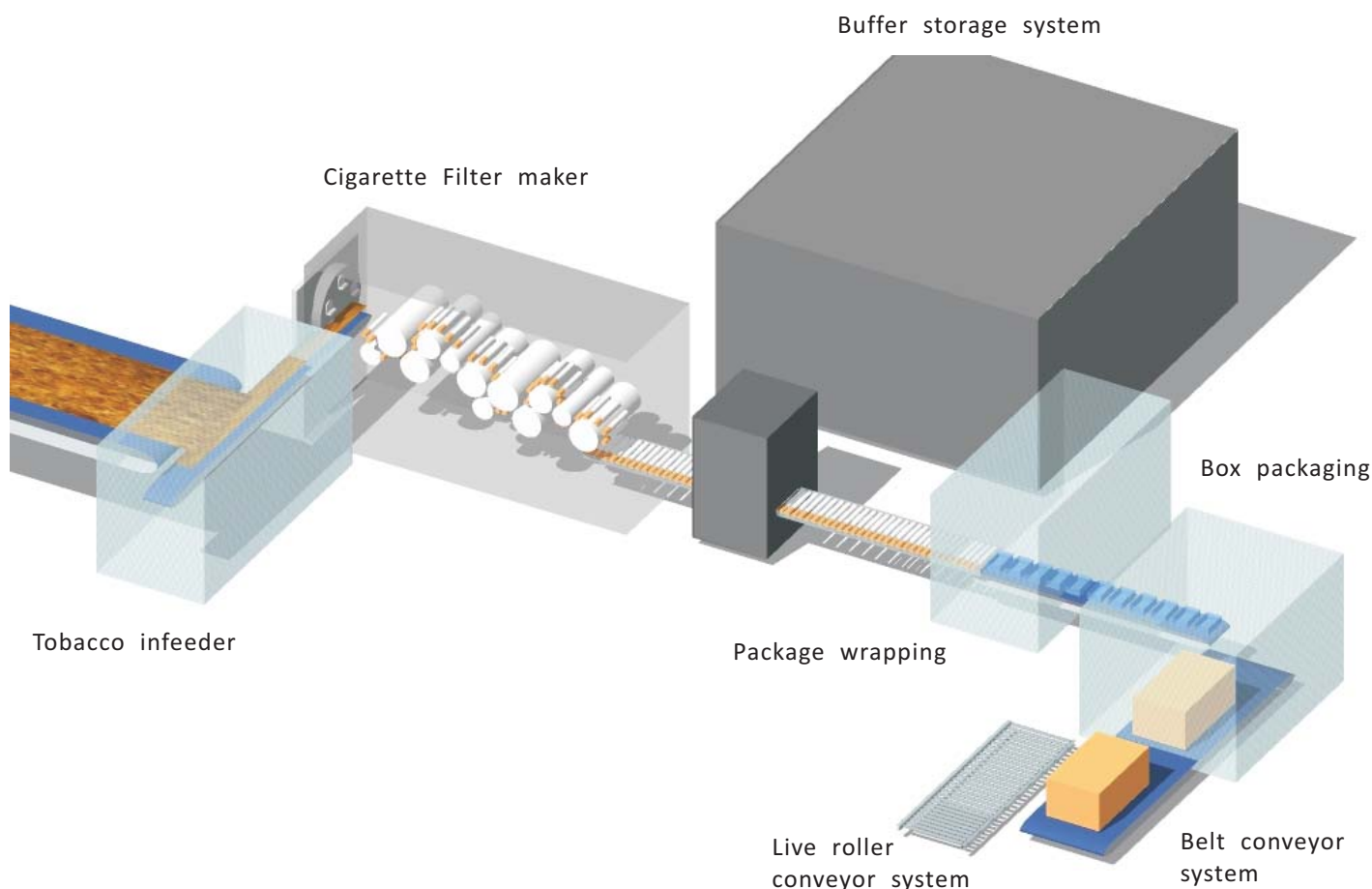
Inclined conveying(>15°)

Remarks: Limited by the conditions under which these pictures are taken, the pics shown here might be different from thoes of actual products,only serving reference purpose only. For futher information, please contact our salemen.

Secondary processing overview (schematic)

The schematic drawings shown hereby, can not represent the complete industrial process. The suggestion and advice can only be considered as general indications. Due to the complexity of the technical requirements and process influences, there are of course other possible solutions.

Therefore, we only list some possible products here. Nevertheless, there are many other YongLi products may meet your requirements. Please inquire.



- Belt conveyor system
 - Plastic modular conveyor system
 - Live roller conveyor system
- are widely used in
Toabcco secondary processing



Special application in tobacco processing industry

Picking and sorting of leaf

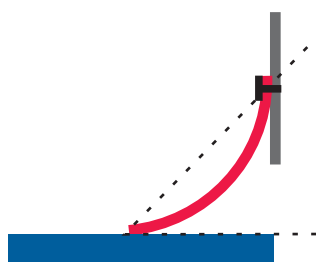
With colored or numbered area, this special positioning belt can improve the efficiency and accuracy greatly



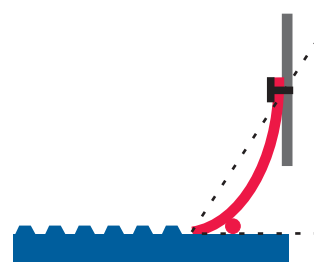
Scratched belt



Scratched belt installation angle is critical, please inquire.



flat belt conveying



profiled belt conveying

Super hoist belt

Inclined conveying is common in the tobacco processing industry.

We divide these inclined conveying into $X < 7^\circ$, $7^\circ < X < 15^\circ$, $15^\circ < X$. For some special conveying requirements, the angle used to be in the range of $30^\circ < X < 85^\circ$. Under such situation, YongLi suggests our super hoist belts which are fabricated with different kinds of accessories, such as reinforced cleat, sidewall, guiderope and steel pin.

For more information, please contact YongLi authorized salesmen.



Variety of surface patterns – Best choice conception

To fulfill the specific application requirement, different surface patterns are crucial part for the different process.

On the basis of close interaction with engineers and customers, YongLi developed more than 30 different kinds of profiles which would be able to meet the different requirements for efficient conveying applications.

Whatever it changes, we will guard our values:

- Close communication with the customer.
- Listening to the wishes and demands of the customer.
- Providing customized solutions.



Edge capped belt



YongSeal can guarantee that the belt edge will bond with the belt itself completely without seam as a homogeneous unit.

YongSeal technology can be applied on different kinds of materials, such as PVC, PU and Hytrel belts.

As hygiene standards increase, YongSeal technology can seal the edge of the belts completely and bring new characteristics to your application as follows:

- Prevent latitudinal fiber pull out.
- Avoid belt edge contamination.
- Better belt strength and stretch after long time using.
- Longer belt service time.
- Lower running costs.

Due to the difference and changes of Material, Hardness, Conveying environment and Goods weight, the application situation will be variant. YongLi can not guarantee any individual case, but we will be very pleased to give you our suggestion and make relevant laboratory tests according your provided information and samples.

Standard products datasheet

The belts datasheet shown hereby, can not represent the complete industrial process. The suggestion and advice can only be considered as general indications. Due to the complexity of the technical requirements and process influences, there are of course other possible solutions.

Therefore, we only list some possible products here. Nevertheless, there are many other YongLi products may meet your requirements. Please inquire.

Code	Number of ply	Color	Surface profile	Total thickness (mm)	Cover thickness (mm) (T/B)	Weight (kg/M2)	1% elongation (N/mm)	Min Roller Dia. (mm)	Temperature (°C)	Max width (mm)	Application							
											Storing belt	Scratched belt	Skirt belt	Flat conveying	Inclined conveying	Weighing	Product conveying	Hoist conveying
TPEE (Hytrel®)																		
T6	1	natural	Matt	0.7	0.2	0.6	3	10	-30/+100	3200	●	●						
T9	1	natural	Matt	0.9	0.2/0.2	0.9	4	25	-30/+100	3200	●							
T20	2	natural	Matt	2.0	0.4	2.1	14	60	-30/+100	3200				●				
T27	2	natural	Stag. stud	4.6	2.6	3.2	14	80	-30/+100	2000					●			
T28	2	natural	Long stud	4.8	2.8	3.2	14	80	-30/+100	1500					●			
PE																		
M8E	1	Trans.	Matt	1.3	0.3	1.0	2	15	-20/+60	400		●						
E6	1	Trans.	Matt	0.6	0.1/0.1	0.6	3	r3*	-20/+60	3200	●							
E9	1	Trans.	Matt	0.9	0.2/0.2	0.8	-	-	-20/+60	3000	●	●						
E26	2	Trans.	Matt	2.6	0.5	2.4	12	80	-20/+60	3200				●				
E27	2	Trans.	Stag. stud	4.6	2.6	2.8	14	90	-20/+60	2000					●			
ET	2	Trans.	Oval stud	5.4	3.4	2.8	14	90	-20/+60	3000					●			
PVC、PU、Silicone																		
U13/0A-W	2	White	Matt	1.3	0.2	1.4	6	r4*	-20/+80	3200						●	●	
U14FAI-N	2	natural	Fabric	1.4	0.1/0.1	1.6	12	40	-20/+80	3200						●	●	
P25-05	2	Trans.	Smooth	3.0	1.0	3.3	10	60	-15/+80	3000				●				
P22-06/27	2	Trans.	Stag. Stud	4.8	2.8	3.3	12	80	-15/+80	2000					●			
P32-24	3	White	Smooth	4.0	1.0	4.3	18	120	-15/+80	3000								●
P42-14	4	Green	Smooth	5.0	1.0	5.6	25	140	-15/+80	3000								●
P25-44/25R	2	Grey	Low grip	2.3	0.7	2.1	8	40	-15/+80	2000							●	
S12-29	1	White	Smooth	1.0	0.2/0.2	1.1	3	10	-30/+150	2000			●					

* r*here means the radius

All data are approximate values and defined under the following standard climatic conditions: 23 °C, 50 % relative humidity (ISO 554).
All the indications on the list of chemical resistance reference are based on laboratory tests and practical experiences.

Substantial deviations from the standard ambient conditions may cause changes of the chemical resistance property for different coating materials. Such as: temperature, moisture and multi-chemical mix solution or volatile gas, etc.

YongLi can not guarantee any individual case. For further information, please contact our salesman, we will be very glad to make R&D and progress together with you.



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