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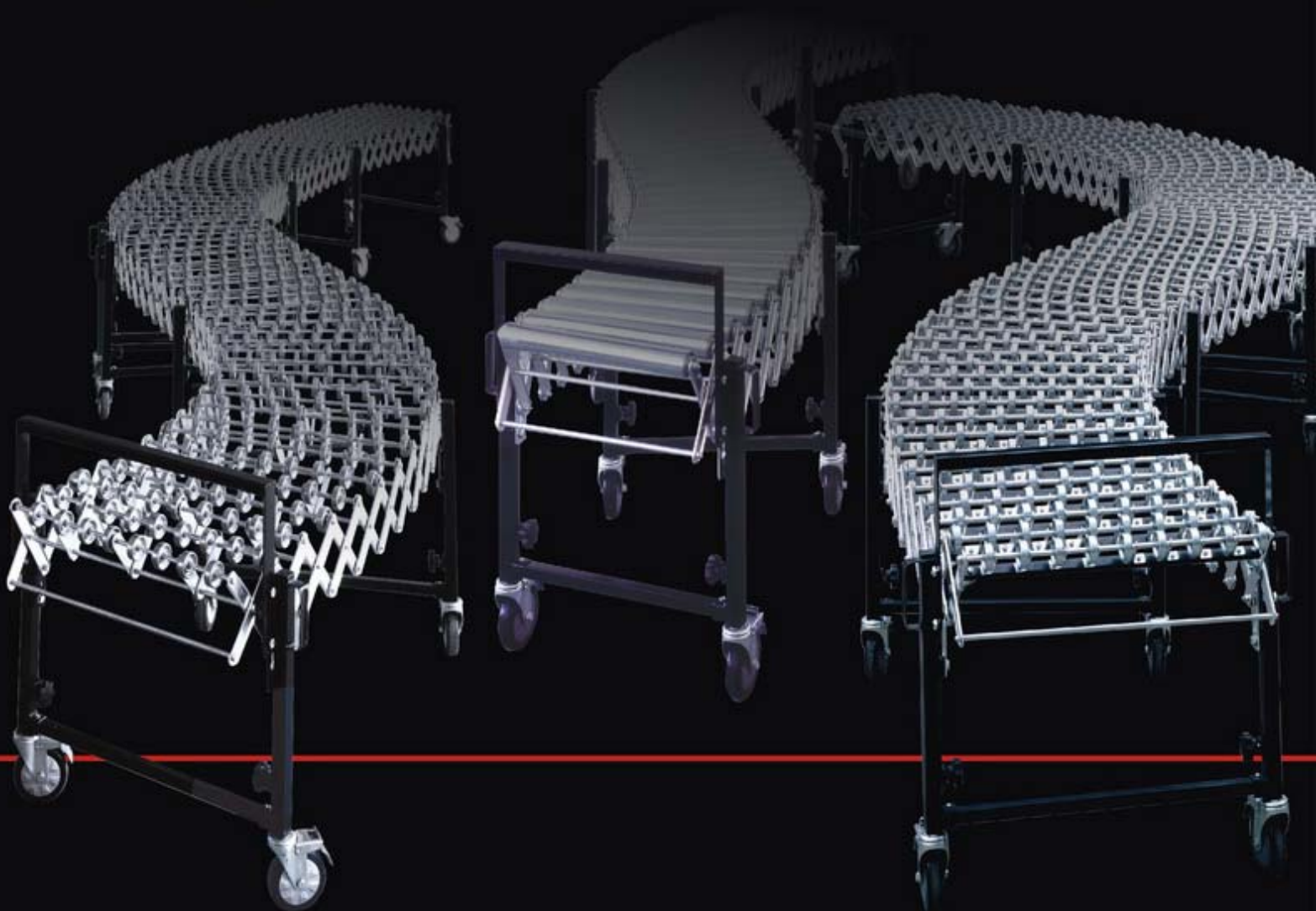
www.tycon.net



Loading & Unloading System
装卸系统



[®] **TYCON(Fuzhou)Co.,LTD**
福州大康机械设备有限公司



伸缩输送机，滚筒动力系列

Expandable Conveyor, Roller,
Power Model

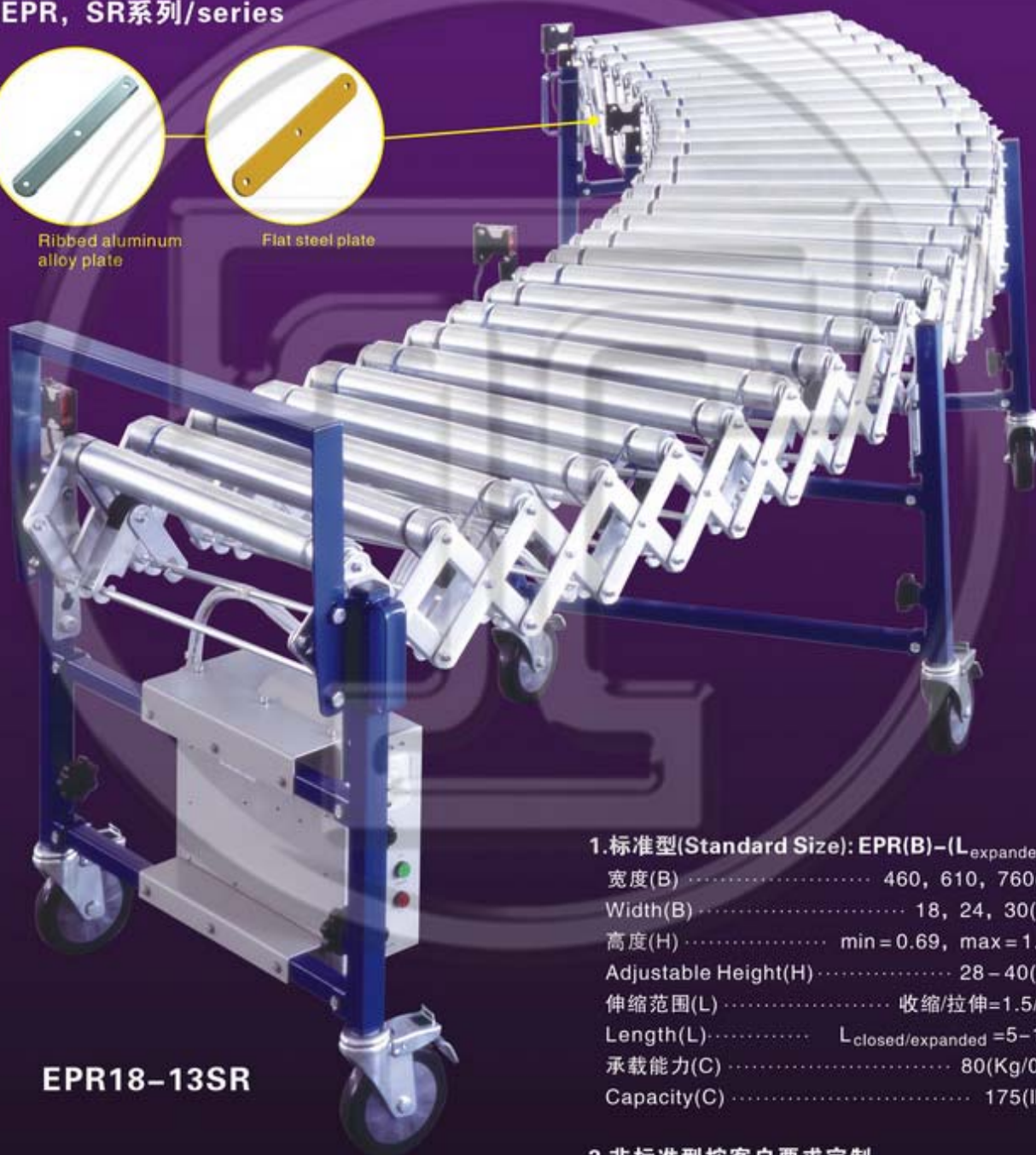
EPR, SR系列/series



Ribbed aluminum
alloy plate



Flat steel plate



EPR18-13SR

1. 标准型(Standard Size): EPR(B)-(L_{expanded})SR

宽度(B)	460, 610, 760(mm)
Width(B)	18, 24, 30(inch)
高度(H)	min = 0.69, max = 1.1(m)
Adjustable Height(H)	28 - 40(inch)
伸缩范围(L)	收缩/拉伸=1.5/4(m)
Length(L)	L _{closed/expanded} = 5-13(ft)
承载能力(C)	80(Kg/0.3m)
Capacity(C)	175(lbs/ft)

2. 非标准型按客户要求定制

Customized Model Available

特性(Features):

- 标准型(4m或者13ft)由3个独立单元和1个控制箱构成, 每单元配1台单相交流电机, 经大康特制的无缝O带驱动静音滚筒。EPR无传感器输送机, 可实现调速, 正反向。EPR SR带传感器输送机, 控制箱还可根据每个单元的反馈信号决定各单元的工作状态, 从而实现整机预设的工作模式。1个控制箱可以控制多台EPR输送机, 组成一子系统。Standard model (4m or 13ft long) consists of 3 independent sections and 1 control box. One single phase AC motor each section. Quiet rollers are driven by Tycon's seamless O ring. EPR conveyor (without sensor) features adjustable speed and forward/reverse function. EPR SR conveyor (with sensor) adds functions of pre-set working modes of whole conveyor, based on feedback signal from each section's sensor. One control box is able to control several conveyors to form a sub-system.

- 滚筒.....48.3mm(标准), 表面镀锌。

Roller.....1.9"(standard), zinc plated finish.

- 方管支撑脚.....含大康特有的专利保险装置, 双层厚壁方管可承受更重的载荷, 具有更长的使用寿命和更好的抗冲击能力。

Square tube legs.....double heavy duty square tubing legs for easily height adjusting, longer service life and better impact absorbing, with patented safety mechanism.



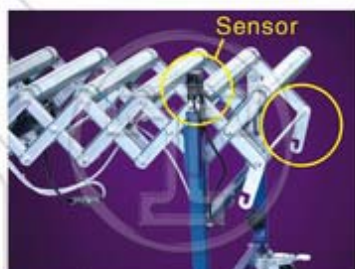
- ① 开始 (start)
- ② 开关 (power)
- ③ 停止 (stop)
- ④ 前进/后退 (forward/reverse)



- 电机 (Motors): 单相AC电机, 110V/220V
Single-Phase AC motor, 110V/220V

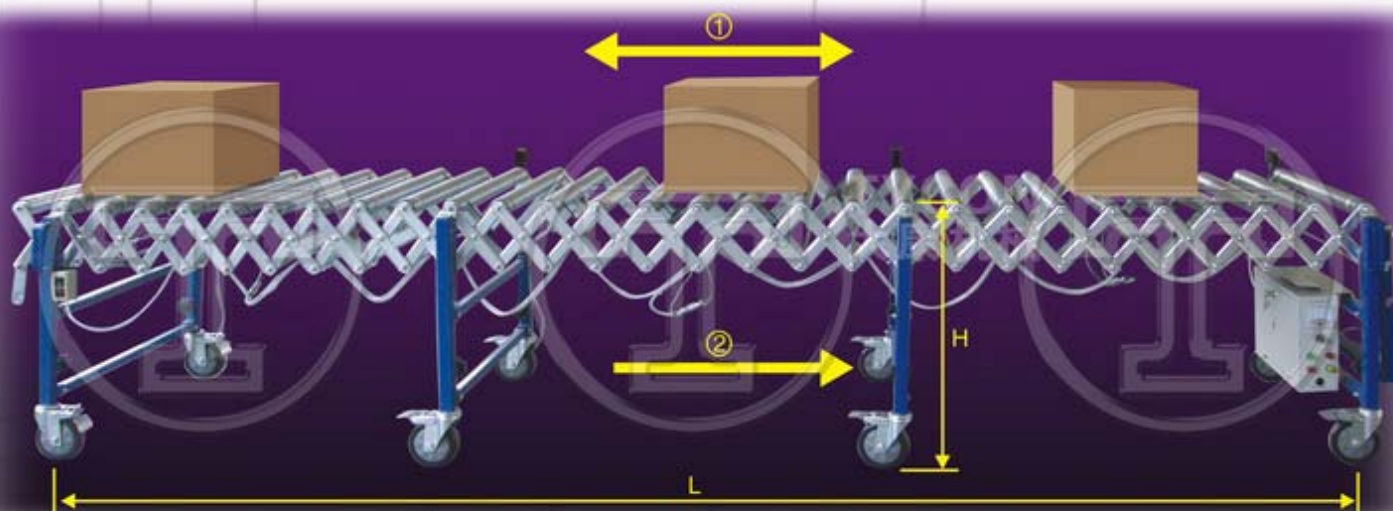
- 连接挂钩.....输送机尾部的挂钩可以方便地连接其他的输送设备

Leg Connect Brackets...Connector couplers easily connect additional conveyors



- 高度调节.....通过调节旋钮可以很简单地升高或降低输送面的高度

Adjustable Height...Simply turn the locking knob to raise and lower the conveyor bed height



- 工作模式(适用于带传感器EPR SR型号系列), 1)往返模式(标准), 2)积放模式(标准), 客户自定(可选)

Working mode, (for EPR SR series conveyor with sensors), 1) cycling mode (standard) 2) zero-pressure accumulation mode (standard), customized (optional)

伸缩输送机，滚筒标准系列

Expandable Conveyor, Roller, Standard Model

EHR系列/series



1. 标准型(Standard Size): EHR(B)-(L_{expanded})

宽度(B) 460, 610, 760(mm)
Width(B) 18, 24, 30(inch)
高度(H) min = 0.69, max = 1.1(m)
Adjustable Height(H) 28 - 40(inch)
伸缩范围(L) 收缩/拉伸=1.5/4(m)
Length(L) L_{closed/expanded} = 5-13(ft)
承载能力(C) 136(Kg/0.3m)
Capacity(C) 300(lbs/ft)

2. 非标准型按客户要求定制

Customized Model Available

EHR18-24


 调节旋钮
Adjustment Knob

特性(Features):

- 适用于不规则包装, 软性包装物品的运送。可增加挡边(可选)来增强输送机的自导向性。
Good for handling odd shape package, soft package. Optional side rail improves the self-tracking performance of conveyor.

- 重载刹车脚轮……直径127mm优质重载带刹车聚胺脂脚轮。可轻松移动输送机, 同时保证输送机的整体承载能力和使用寿命。输送机按照场地要求调整转弯及整体形状后, 踩下脚轮刹车, 可确保输送机在使用过程中不变形。
HD casters with brake……5" heavy duty caster with urethane tire & brake, features easy handling, high overall capacity and max durability of conveyor. Caster brakes hold wheel and swivel simultaneously while conveyor is in use.

- 滚筒……48.3mm(标准), 35mm(可选)。表面镀锌。
Roller……1.9" (standard), 1-3/8"(optional), zinc plated finish.

- 方管支撑脚……含大康特有的专利保险装置, 双层厚壁方管可承受更重的载荷, 具有更长的使用寿命和更好的抗冲击能力。

Square tube legs……double heavy duty square tubing legs for easily height adjusting, longer service life and better impact absorbing, with patented safety mechanism.



- 连接挂钩……输送机尾部的挂钩可以方便地连接其他的输送设备

Leg Connect Brackets……Connector couplers easily connect additional conveyors

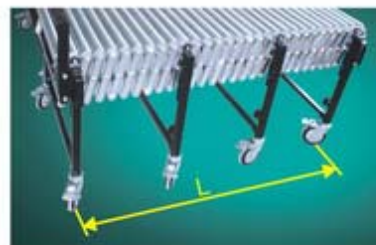


- 滚筒间距……在50-130mm之间均可选择, 可传送小尺寸物品

Axle Centers……Optional 2" - 5" are available for small package applications



- 挡杆……拉起时可将传送物品挡在输送机的末端而防止物品滑出输送机, 不需要的时候可以将其放下
Package Stop……Prevents package falling off the conveyor and folds down when not needed



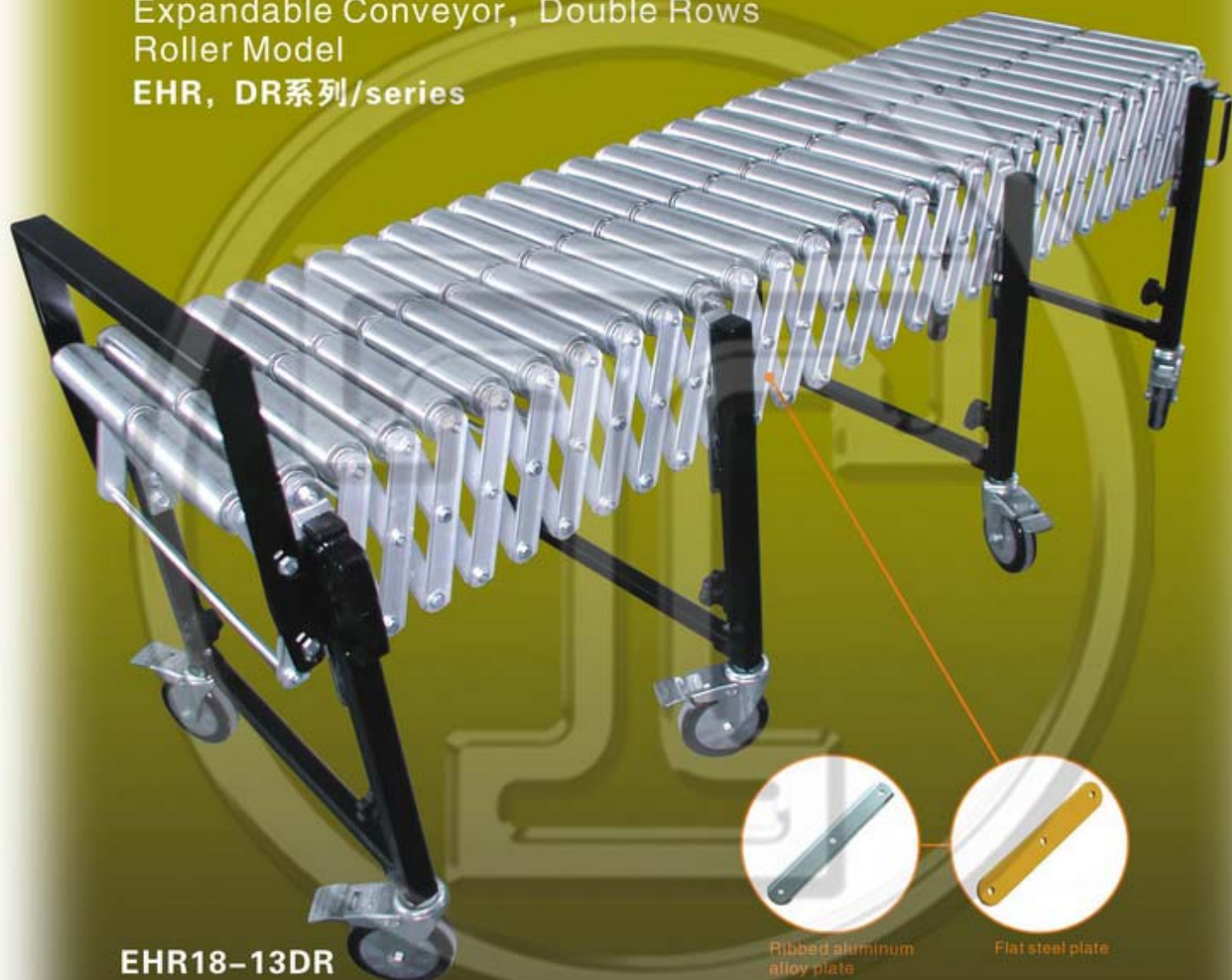
- 标准长度 (Standard Lengths):
收缩: 1.5m 拉伸: 5m
Closed: 5' Expanded: 13'
客户要求长度可以定制
Customized Length Available



伸缩输送机，双排滚筒系列

Expandable Conveyor, Double Rows Roller Model

EHR, DR系列/series



EHR18-13DR

1. 标准型(Standard Size): EHR(B)-(L_{expanded})DR

宽度(B) 460, 610, 760(mm)
Width(B) 18, 24, 30(inch)
高度(H) min = 0.69, max = 1.1(m)
Adjustable Height(H) 28 - 40(inch)

伸缩范围(L) 收缩/拉伸=1.5/4(m)
Length(L) L_{closed/expanded} = 5 - 13(ft)
承载能力(C) 136(Kg/0.3m)
Capacity(C) 300(lbs/ft)

2. 非标准型按客户要求定制 Customized Model Available

特性(Features):

- 适用于不规则包装, 软性包装物品的运送。较EHR标准系列有更好的自导向性, 也可增加档边(可选)来进一步增强输送机的自导向性。

Good for handling odd shape package, soft package. Better self-tracking performance than EHR standard conveyor. Optional side rail will further improve the self-tracking performance of conveyor.

- **重载刹车脚轮**.....直径127mm优质重载带刹车聚氨酯脚轮。可轻松移动输送机, 同时保证输送机的整体承载能力和使用寿命。输送机按照场地要求调整转弯及整体形状后, 踩下脚轮刹车, 可确保输送机在使用过程中不变形。

HD casters with brake...5" heavy duty caster with urethane tire & brake, features easy handling, high overall capacity and max durability of conveyor. Caster brakes hold wheel and swivel simultaneously while conveyor is in use.

- **滚筒**.....48.3mm(标准), 35mm(可选)。表面镀锌。Roller.....1.9" (standard), 1-3/8"(optional), zinc plated finish.

- **方管支撑脚**.....含大康特有的专利保险装置, 双层厚壁方管可承受更重的载荷, 具有更长的使用寿命和更好的抗冲击能力。

Square tube legs.....double heavy duty square tubing legs for easily height adjusting, longer service life and better impact absorbing, with patented safety mechanism.

- **标准长度 (Standard Lengths) :**

收缩: 1.5m

拉伸: 4m

Closed: 5'

Expanded: 13'

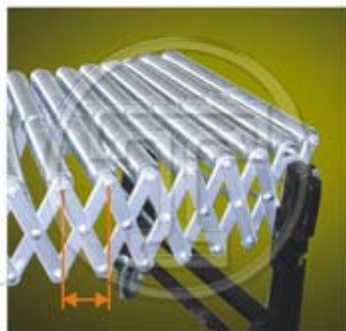
客户要求长度可以定制

Customized Length Available



- **连接挂钩**.....输送机尾部的挂钩可以方便地连接其他的输送设备

LegConnect Brackets...Connector couplers easily connect additional conveyors

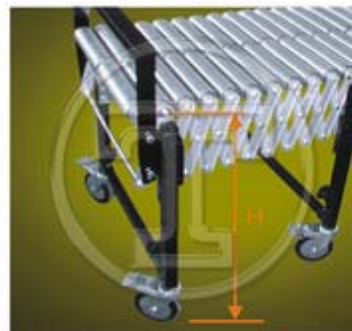


- **滚筒间距**.....在50-130mm之间均可选择, 可传送小尺寸物品
Axle Centers...Optional 2" - 5" are available for small package applications



- **挡杆**.....拉起时可将传送物品挡在输送机的末端而防止物品滑出输送机, 不需要的时候可以将其放下

Package Stop.....Prevents package falling off the conveyor and folds down when not needed



- **高度可调节**.....通过调节旋钮可以很简单地升高或降低输送面的高度

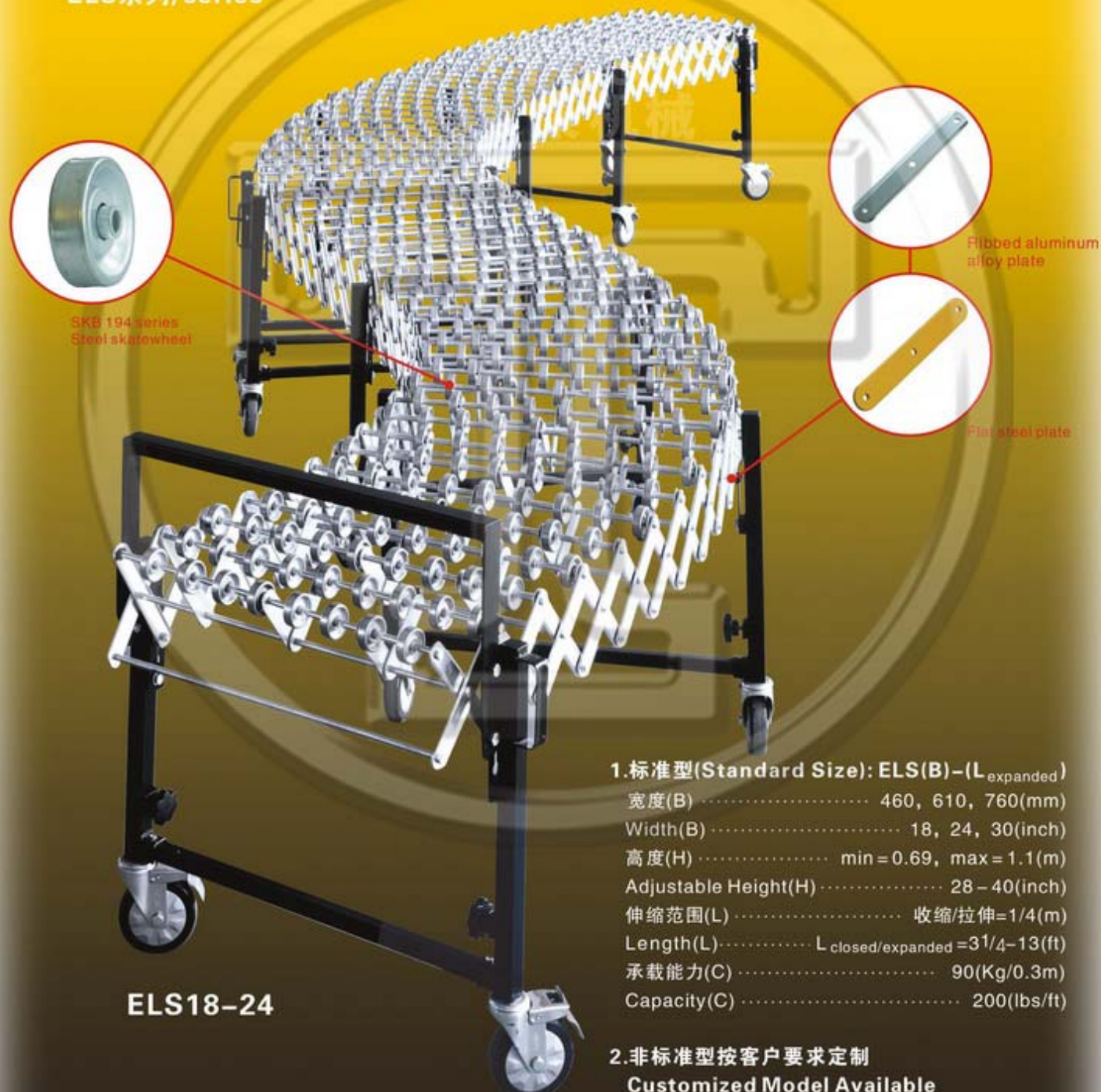
Adjustable Height...Simply turn the locking knob to raise and lower the conveyor bed height



伸缩输送机，滚轮标准系列

Expandable Conveyor, Steel Wheel,
Standard Model

ELS系列/series

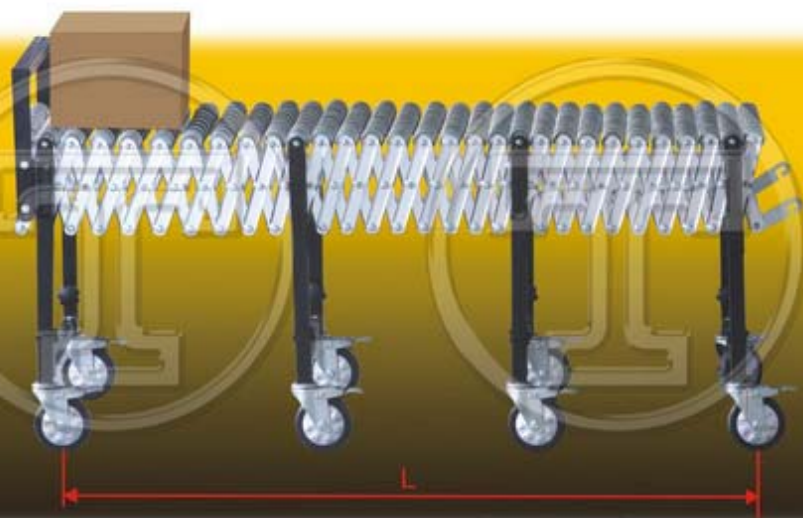


1.标准型(Standard Size): ELS(B)-(L_{expanded})

宽度(B)	460, 610, 760(mm)
Width(B)	18, 24, 30(inch)
高度(H)	min=0.69, max=1.1(m)
Adjustable Height(H)	28-40(inch)
伸缩范围(L)	收缩/拉伸=1/4(m)
Length(L)	L _{closed} /expanded=3 1/4-13(ft)
承载能力(C)	90(Kg/0.3m)
Capacity(C)	200(lbs/ft)

2.非标准型按客户要求定制

Customized Model Available



• 标准长度 (Standard Lengths) :

收缩: 1m

Closed: 3'1/4'

拉伸: 4m

Expanded: 13'

客户要求长度可以定制

Customized Length Available

特性(Features):

- **ELS输送机特性**介于ELP和EHS输送机之间, 适用强调自重轻和中高承载能力的用途, 如随车装卸设备。

ELS conveyor fits between ELP & EHS conveyors, good for applications requiring light deadweight and medium-to-high load capacity, such as in-truck loader & unloader.

- **重载刹车脚轮**.....直径127mm优质重载带刹车聚胺脂脚轮。可轻松移动输送机, 同时保证输送机的整体承载能力和使用寿命。输送机按照场地要求调整转弯及整体形状后, 踩下脚轮刹车, 可确保输送机在使用过程中不变形。
HD casters with brake...5" heavy duty caster with urethane tire & brake, features easy handling, high overall capacity and max durability of conveyor. Caster brakes hold wheel and swivel simultaneously while conveyor is in use.

- **方管支撑脚**.....含大康特有的专利保险装置, 双层厚壁方管可承受更重的载荷, 具有更长的使用寿命和更好的抗冲击能力。

Square tube legs...double heavy duty square tubing legs for easily height adjusting, longer service life and better impact absorbing, with patented safety mechanism.

- **超长寿命重载滚轮**.....采用大康特有的SKB194系列滚轮, 内带载荷能力为100kg的专用轴承, 平均使用寿命为1000万转。

HD skate wheel...feature with Tycon's SKB194 series heavy duty skate wheel, integrated with 220lbs/100kg capacity core bearing, average duration of 10 million revolutions.



- **10,000,000 转的正常使用寿命**
10,000,000 revolutions under normal use



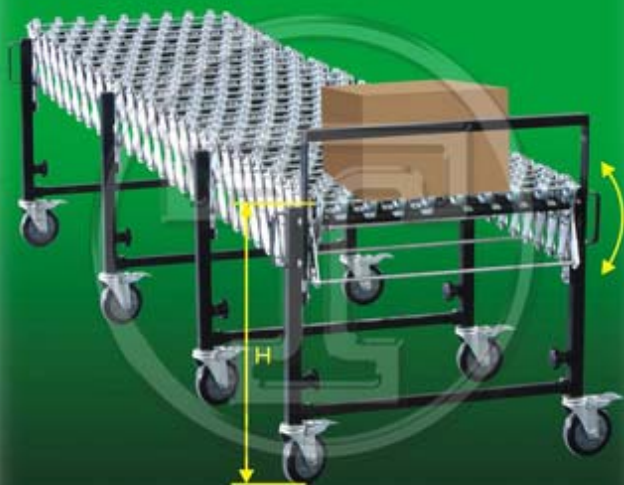
- **高度调节**.....通过调节旋钮可以很简单地升高或降低输送面的高度
Adjustable Height...Simply turn the locking knob to raise and lower the conveyor bed height



- **挡杆**.....拉起时可将传送物品挡在输送机的末端而防止物品滑出输送机, 不需要的时候可以将其放下
Package Stop...Prevents package falling off the conveyor and folds down when not needed



- **连接挂钩**.....输送机尾部的挂钩可以方便地连接其他的输送设备
Leg Connect Brackets...Connector couplers easily connect additional conveyors



特性(Features):

- 采用加强型整体结构和SKB重载滚轮，具有强负载能力，高抗冲击能力和长使用寿命的特点。适用于高使用强度，冲击负载，重负载等场合。

By reinforced structure and SKB heavy duty skate wheel, EHS conveyor achieves high load capacity, strong impact resistance and outstanding service expectancy, especially for high density usage, impact loading and heavy cargo handling.

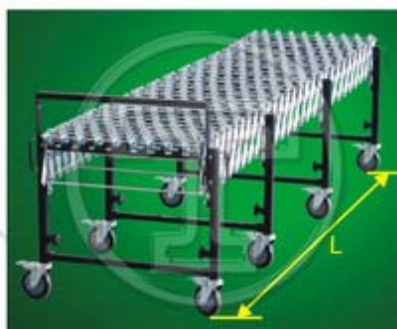
- 方管支撑脚……含大康特有的专利保险装置，双层厚壁方管可承受更重的载荷，具有更长的使用寿命和更好的抗冲击能力。

Square tube legs……double heavy duty square tubing legs for easily height adjusting, longer service life and better impact absorbing, with patented safety mechanism.

- 超长寿命重载滚轮……采用大康特有的SKB194系列滚轮，内带载荷能力为100kg的专用轴承，平均使用寿命为1000万转。
HD skate wheel……feature with Tycon's SKB194 series heavy duty skate wheel, integrated with 220lbs/100kg capacity core bearing, average duration of 10 million revolutions.

- 挡杆……拉起时可将传送物品挡在输送机的末端而防止物品滑出输送机，不需要的时候可以将其放下

Package Stop……Prevents package falling off the conveyor and folds down out of the way when not needed



- 标准长度 (Standard Lengths):

收缩: 1m

Closed: 3 1/4'

拉伸: 4m

Expanded: 13'

客户要求长度可以定制

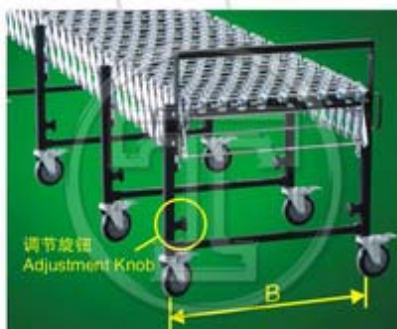
Customized Length Available



- 连接挂钩……输送机尾部的挂钩可以方便的连接其他的输送设备

Leg Connect Brackets……

Connector couplers easily connect additional conveyors



- 高度调节……通过调节旋钮可以很简单地升高或降低输送面的高度

Adjustable Height……Simply turn the locking knob to raise and lower the conveyor bed height



- 10,000,000 转的正常使用寿命

10,000,000 revolutions under normal use

伸缩输送机，塑料滚轮轻载系列

Expandable Conveyor, Plastic Wheel, Express Model

ELP系列/series



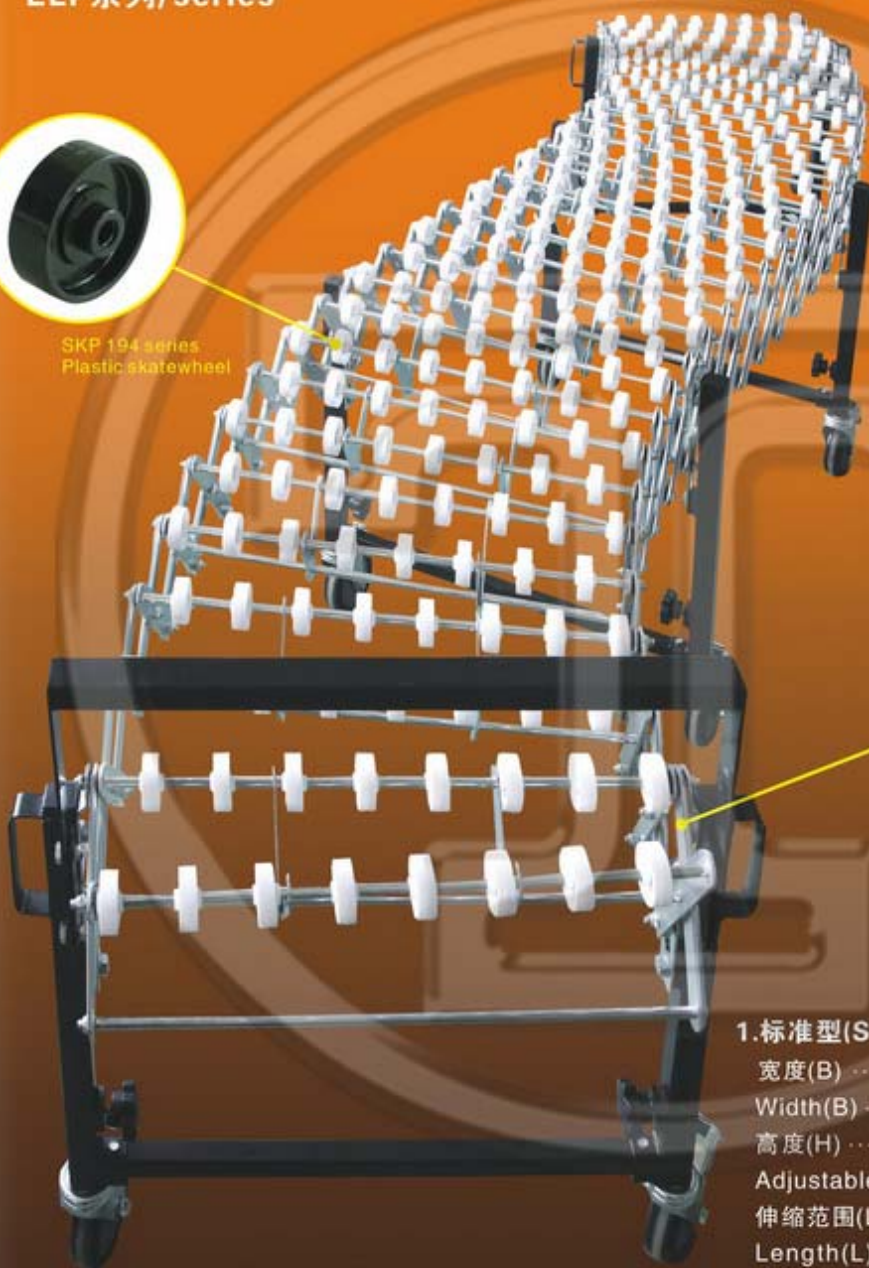
SKP 194 series
Plastic skatewheel



Ribbed aluminum
alloy plate



Flat steel plate



ELP18-13WP

1. 标准型(Standard Size): EHR(B)-(L_{expanded})

宽度(B) 460, 610, 760(mm)

Width(B) 18, 24, 30(inch)

高度(H) min=0.69, max=1.1(m)

Adjustable Height(H) 28-40(inch)

伸缩范围(L) 收缩/拉伸=1/4(m)

Length(L) L_{closed/expanded} =31/4-13(ft)

承载能力(C) 40(Kg/0.3m)

Capacity(C) 90(lbs/ft)

2. 非标准型按客户要求定制

Customized Model Available

特性(Features):

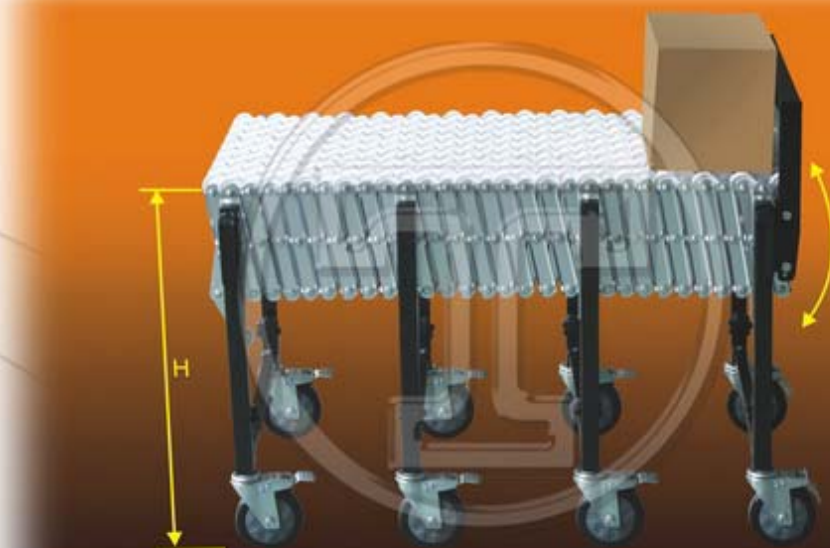
- 基于大康滚轮输送机自身杰出的自导向性能, **ELP**系列特别适用于轻/中重量物品(如15kg纸箱), 按照预设的输送机转弯和坡度, 利用物品本身自重进行长距离自动传送, 可基本消除人工搬运费用。

Benefited from Tycon's skate wheel conveyor excellent self-tracking property, **ELP** series conveyor specially good for light to medium weight package long distance delivery, driven by package's gravity, following pre-set curves, turns and slope, at nearly no labor cost.



- **SKP**系列滚轮, 采用优质自润滑工程塑料, 高精度钢珠及特别设计的内部结构, 滚轮不但转动摩擦系数极低, 同时又具有良好承载能力和最长使用寿命。

SKP skate wheel, in high quality self-lubricated engineer resin, high grade steel balls and special engineered internal structure, achieves combination of super low friction, moderate load capacity and max duration of performance.



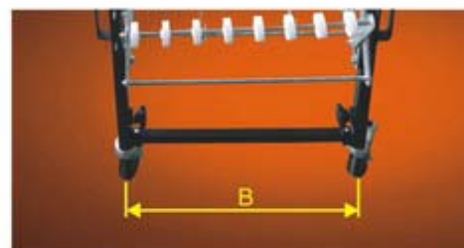
- **挡杆**.....拉起时可将传送物品挡在输送机的末端而防止物品滑出输送机, 不需要的时候可以将其放下

Package Stop...Prevents package falling off the conveyor and folds down when not needed



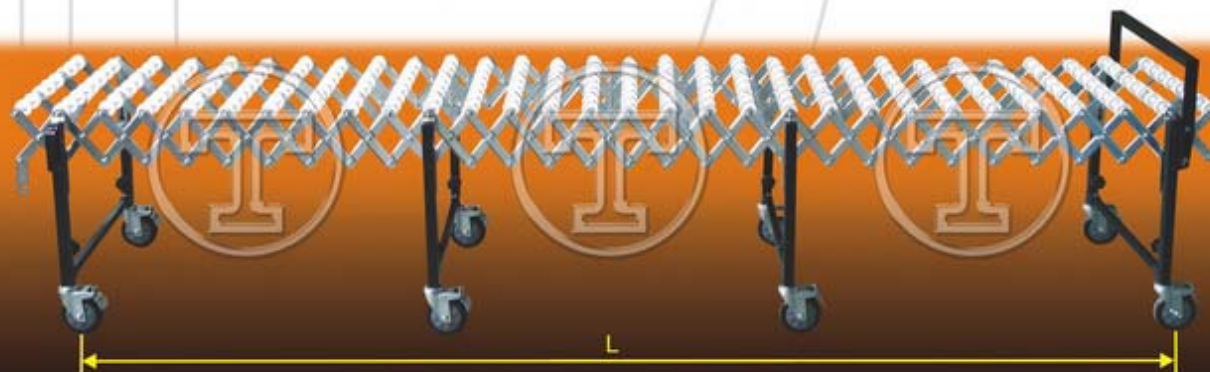
- **连接挂钩**.....输送机尾部的挂钩可以方便地连接其他的输送设备

LegConnect Brackets...Connector couplers easily connect additional conveyors



- **高度可调节**.....通过调节旋钮可以很简单地升高或降低输送面的高度

Adjustable Height...Simply turn the locking knob to raise and lower the conveyor bed height



- **标准长度 (Standard Lengths)**: 收缩: 1m Closed: 3 $\frac{1}{4}$ ' 拉伸: 4m Expanded: 13'

客户要求长度可以定制 (Customized Length Available)



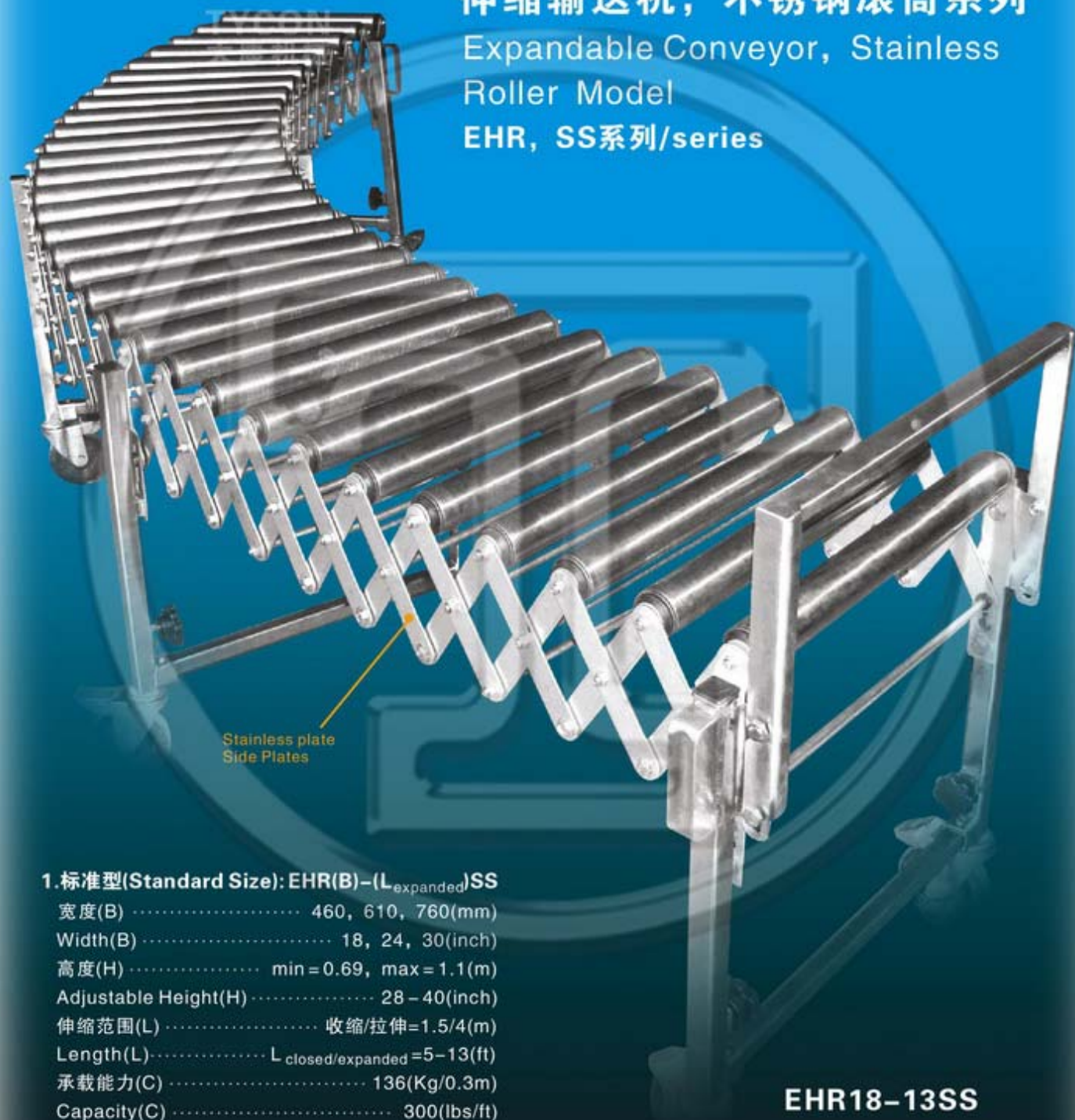
TYCON
大康机械

· 设计 Design · 制造 Manufacture ·

伸缩输送机，不锈钢滚筒系列

Expandable Conveyor, Stainless
Roller Model

EHR, SS系列/series



1. 标准型(Standard Size): EHR(B)-(L_{expanded})SS

宽度(B)	460, 610, 760(mm)
Width(B)	18, 24, 30(inch)
高度(H)	min = 0.69, max = 1.1(m)
Adjustable Height(H)	28 - 40(inch)
伸缩范围(L)	收缩/拉伸=1.5/4(m)
Length(L)	L _{closed/expanded} = 5-13(ft)
承载能力(C)	136(Kg/0.3m)
Capacity(C)	300(lbs/ft)

2. 非标准型按客户要求定制

Customized Model Available

EHR18-13SS

TYCON 大康机械

www.tycon.net

特性(Features):

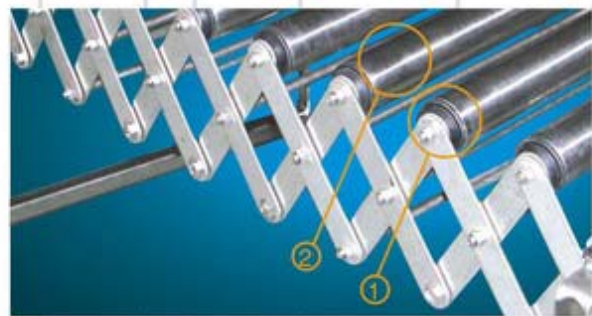
- 全部零件用不锈钢或者工程塑料制造，特别适用于食品工业，腐蚀性物品及腐蚀性工作环境。
All parts in stainless steel and engineer resin, good for food industry, corrosive product handling and corrosive working environment.

- **不锈钢重载刹车脚轮**.....直径127mm优质不锈钢重载带刹车聚氨酯脚轮。可轻松移动输送机，同时保证输送机的整体承载能力和使用寿命。输送机按照场地要求调整转弯及整体形状后，踩下脚轮刹车，可确保、输送机在使用过程中不变形。

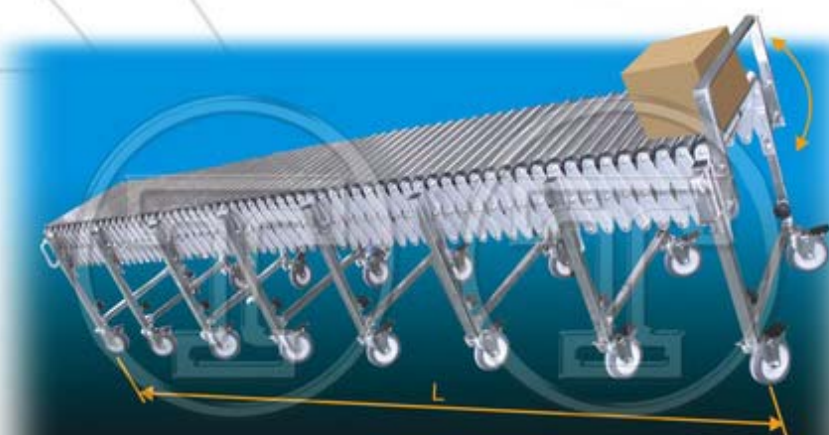
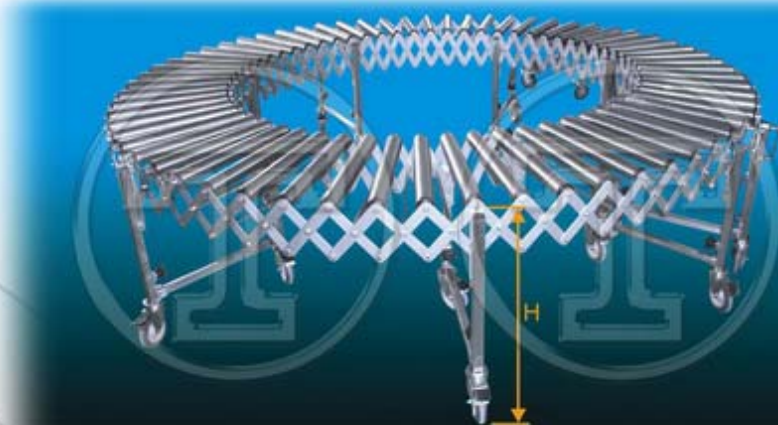
Stainless HD casters with brake.....5" heavy duty Stainless caster with urethane tire & brake, features easy handling, high overall capacity and max durability of conveyor. Caster brakes hold wheel and swivel simultaneously while conveyor is in use.

- **不锈钢方管支撑脚**.....含大康特有的专利保险装置，双层厚壁方管可承受更重的载荷，具有更长的使用寿命和更好的抗冲击能力。

Stainless Square tube legs.....double heavy duty square tubing legs for easily height adjusting, longer service life and better impact absorbing, with patented safety mechanism.

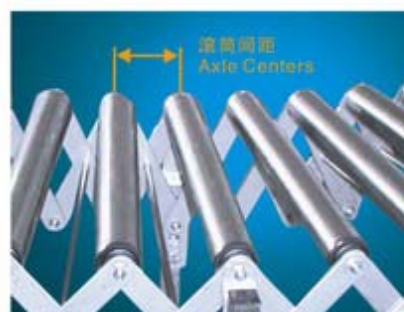


- **轴承**..... PL178 SS系列不锈钢轴承配尼龙衬套。
Bearing..... PL178 SS series stainless bearing with nylon housing.
- **钢管**.....304不锈钢, 48.3mm (标准), 35mm (可选)
Tube.....304 stainless, 1.9" (standard), 1-3/8" (optional)



- **挡杆**.....拉起时可将传送物品挡在输送机的末端而防止物品滑出输送机,不需要的时候可以将其放下

Package Stop...Prevents package falling off the conveyor and folds down when not needed



- **高度调节**.....通过调节旋钮可以很简单地升高或降低输送面的高度
Adjustable Height...Simply turn the locking knob to raise and lower the conveyor bed height

- **滚筒间距**.....在50-130mm之间均可选择，可传送小尺寸物品
Axle Centers...Optional 2" - 5" are available for small package applications

伸缩输送机，包胶滚筒系列

Expandable Conveyor, Rubber Coated
Roller Model

EHR, RC系列/series



1. 标准型(Standard Size): EHR(B)-(L_{expanded})RC

宽度(B) 460, 610, 760(mm)

Width(B) 18, 24, 30(inch)

高度(H) min = 0.69, max = 1.1(m)

Adjustable Height(H) 28 - 40(inch)

伸缩范围(L) 收缩/拉伸=1.5/4(m)

Length(L) L_{closed}/expanded = 5-13(ft)

承载能力(C) 136(Kg/0.3m)

Capacity(C) 300(lbs/ft)

2. 非标准型按客户要求定制

Customized Model Available

EHR18-12RC

特性(Features):

- 特别适用于运送无外包装的易损物品, 以及表面过于光滑的包装或者物品。

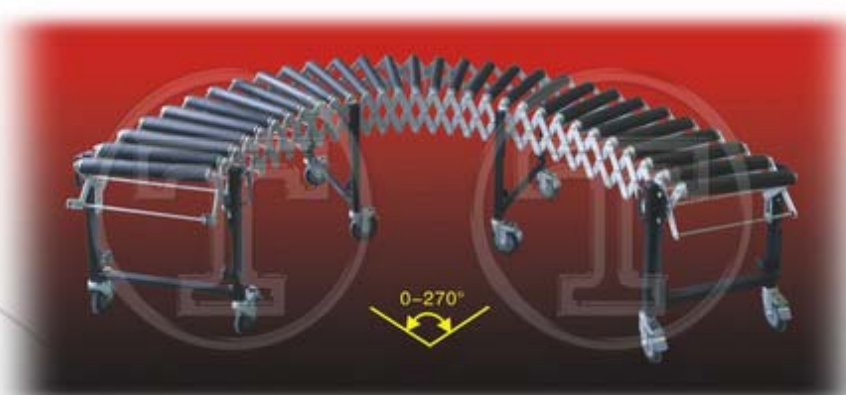
Excellent in handling frangible object (without package), and object or package whose finish is too smooth to create enough friction for conveyor to control the flow of object or package.

- 包胶滚筒**.....滚筒表面浇注优质耐磨橡胶, 再经过精密加工达到准确的外型尺寸。
Rubber coated roller..... quality wear resistant rubber is molded onto roller and precisely machined to dimension.

- 重载刹车脚轮**.....直径127mm优质重载带刹车聚胺脂脚轮。可轻松移动输送机, 同时保证输送机的整体承载能力和使用寿命。输送机按照场地要求调整转弯及整体形状后, 踩下脚轮刹车, 可确保输送机在使用过程中不变形。

HD casters with brake...5" heavy duty caster with urethane tire & brake, features easy handling, high overall capacity and max durability of conveyor. Caster brakes hold wheel and swivel simultaneously while conveyor is in use.

- 滚筒**.....48.3mm(标准), 35mm(可选)。表面镀锌。
Roller.....1.9" (standard), 1-3/8" (optional). Rubber coated finish.



- 连接挂钩**.....输送机尾部的挂钩可以方便地连接其他的输送设备
Leg Connect Brackets...Connector couplers easily connect additional conveyor



- 挡杆**.....拉起时可将传送物品挡在输送机的末端而防止物品滑出输送机, 不需要的时候可以将其放下
Package Stop...Prevents package falling off the conveyor and folds down when not needed



- 标准长度 (Standard Lengths):**
 收缩: 1.5m 拉伸: 4m
 Closed: 5' Expanded: 13'
 客户要求长度可以定制
 Customized Length Available

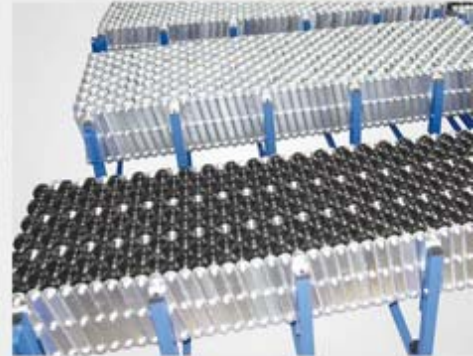


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福州大康机械设备有限公司
TYCON(Fuzhou)Co.,LTD



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