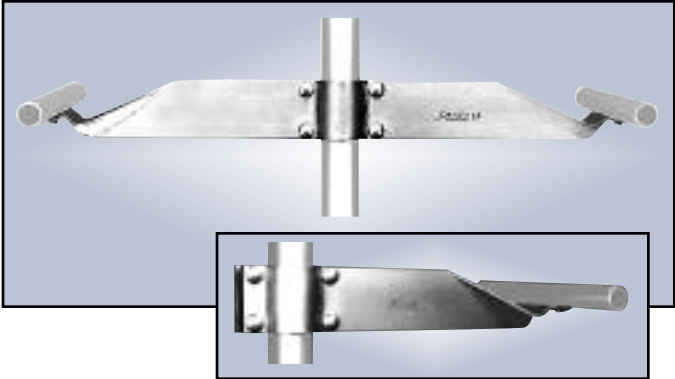
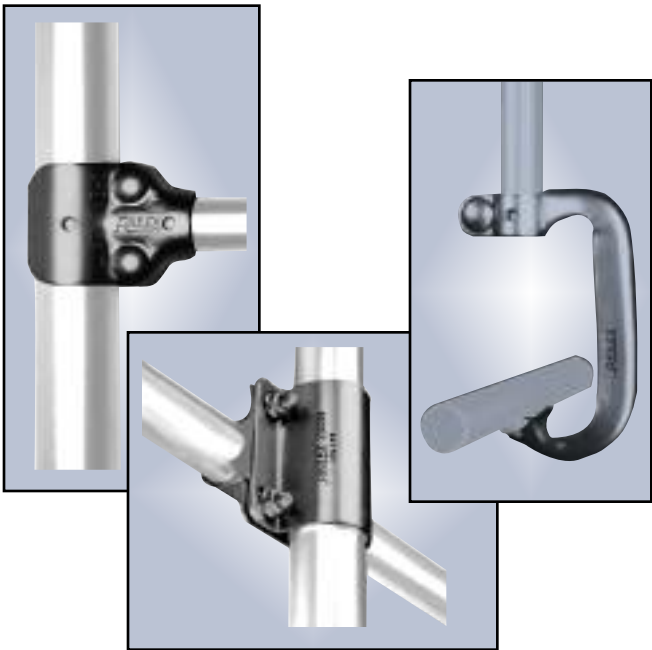


# System 200 Continuous Speed Rail

...The System 200 is suitable for many material handling applications where the requirements are for a low cost rail system for capacities of 50lbs./foot distributed load and trolley loads to 250 lbs.



**The Railex System 200**

is a rail and storage system. It is modular in design and can be added to as required, or dismantled and relocated. The rails are suspended from the overhead building structure, headers between uprights, or cantilever arms on uprights. Hangered garments may be hung directly on the rail or on trolleys. Bulk or folded goods may be placed in canvas or steel baskets suspended from the same trolleys. Movement from one rail to another with manual or automatic switches. For movement between two levels, vertical and inclined conveyors are available.

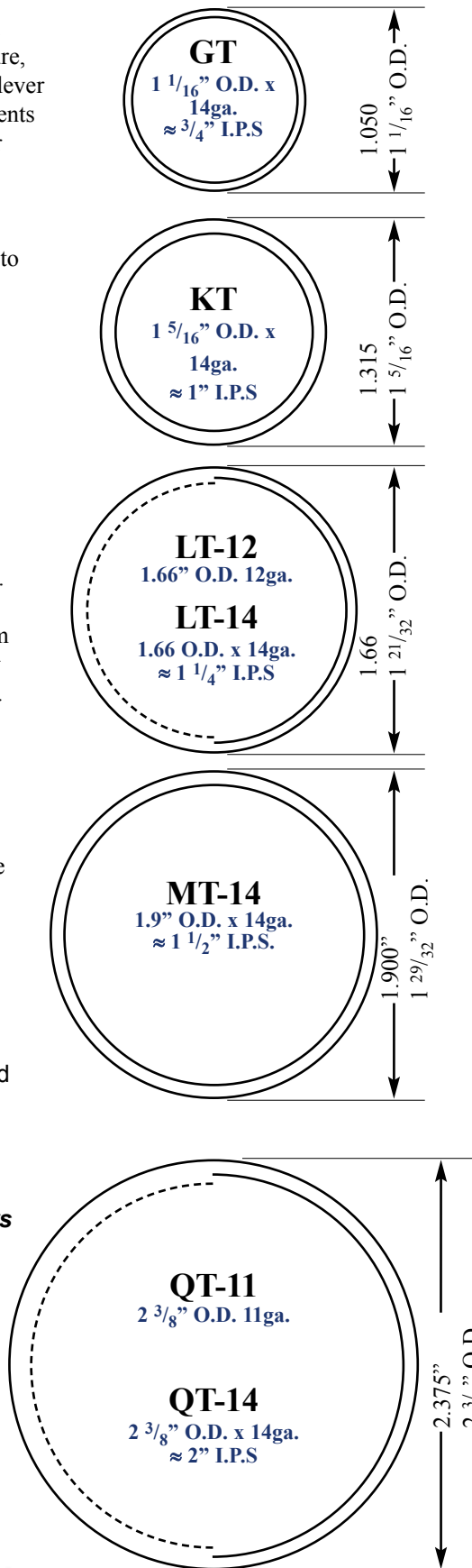
The System is available for 1 1/16" O.D. rail with recommended span not exceeding 5 feet between supports, and for 1 5/16" O.D. rails with a recommended span not exceeding 6 feet between supports. Our experience has led us to recommend the 1 5/16" O.D. system as significantly preferable in every respect for all new trolley systems. We suggest 24" radius Bends and 36" Trolleys.

The components illustrated in this catalog have been developed and used for the movement and storage of soft goods such as wearing apparel. *Safety precautions in all applications must be observed.*

**Please Note For Trolley Applications:**

- ◆ Overhead use requires guard rail & safety netting.
- ◆ Do not overload.
- ◆ Pin all rail & support fittings.
- ◆ Use **Experienced Designers & Installers.**
- ◆ Inspect trolleys frequently.
- ◆ Comply with ANSI B20.1 & Z8.1 where applicable.

**Railex Tubing Sizes**



**Tubing Steel/Bright Zinc Plated**

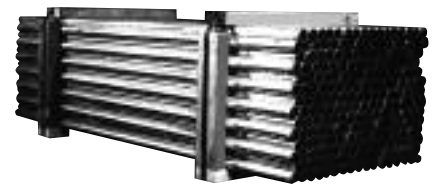
High Strength and Extra Smooth plated finish makes this ideal for rail, uprights, suspensions and headers. Uniform zinc plated plus chromate conversion.

Yield - 60,000 psi. min.  
Tensile Strength: 75,000 psi. min.

O.D. - Outside Diameter  
I.P.S. - Standard Inside Pipe Size  
≈ - Equivalent

	O.D.	Gauge	Wall	Lengths
GT	1 1/16"	14	.083	21'
KT*	1 5/16"	14	.083	21', 24'
LT-14	1.660"	14	.083	21', 24'
LT-12	1.660"	12	.109	21', 24'
QT-14	2.375"	14	.083	21'
QT-11	2.375"	11	.120	21'

\*Recommended Rail Size for New Installations



# SYSTEM 200 Continuous Speed Rail

## Suspensions, Flanges and Floor Plates

3



### Ceiling Bolt

Size	Size
GB 1	G 3/4" I.P.S only

For fastening suspension pipes directly from wooden beams. Lag end screws into 1/4" hole drilled into beam. Opposite end expands into suspension pipe when tightened. Provides sturdy support for suspensions. Permits installation from floor level when suspension pipe is inserted.  
For 3/4" I.P.S. only.



### Jack Set

Size	Size
2K6	K/KT
2L6	L/LT
2M6	M/MT
2Q6	Q/QT

For supporting uprights between floor and ceiling. Hexagonal nut tightens to jack upright between floor and ceiling. Adjusts for the differences in ceiling height or irregularities in floor. Holes on 3 1/4" centers.



### Flange & Nipple

Size	Size
K6D	K/KT
L6D	L/LT
M6D	M/MT
Q6D	Q/QT
S6D	S

Two hole mounting for use as upright base plate. One piece weldment. Holes on 3 1/4" centers.



### Flange Clamp

Size	Size
G1	G/GT
K1	K/KT

For fastening suspensions to ceiling, brace pipes to wall or uprights to floor. Simply insert pipe and tighten non-slip nut. Provides sturdy support not possible with other flanges. Holes on 3 1/4" centers.



### Suspension Clamp (Adjustable)

Size	Size
2G12 & 2G13	G/GT
2K12 & 2K13	K/KT

For suspending pipe or tubing with 1 hole (12), or 2 holes (13) mounting angle, & for supporting equipment from pipe suspensions when clamp is reversed. Permits vertical adjustment of 4". Mounting angle pivots to 45°.



### Flange & Nipple

Size	Size
K8D	K/KT
L8D	L/LT
M8D	M/MT
Q8D	Q/QT

Single Center hole mounting for use as upright base plate. Uses FA5015 anchor for concrete floors or FL3110 lag bolt for wood floors. One piece weldment.



### Pipe Header Clamp

Size	Size
K-L10	K/KT/L/LT
M10	M/MT

For strapping pipe or tube headers to the underside of I, T or L beams. Low cost, fast installation.



### Suspension Clamp (Beam, Angle or Channel)

Size	Size
2G11	G/GT
2K11	K/KT

For suspending pipe or tubing from I, T or L beams, channel or angle. Quickly attaches to beam. Permits vertical adjustment of 1".



### Suspension Clamp (Rigid)

Size	Size
2G12R	G/GT

For suspending pipe or tubing with 1 hole mounting.

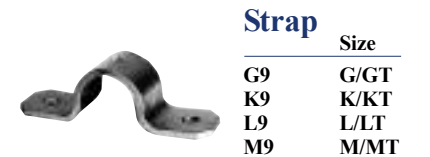


### Base, Dished

20" x 20" (28" Diagonal)

Size	Size
2LBAS20	L/LT
2QBSA20	Q/QT

Floor Stand for uprights. Flared edge. With four 3/8" mounting holes.



Size	Size
G9	G/GT
K9	K/KT
L9	L/LT
M9	M/MT

Heavy Duty for strapping headers and braces to beams, trusses, angles, and other structures.



89-02 Atlantic Ave., Ozone Park, NY 11416  
Tel: (718) 845.5454 ~ Fax: (718) 738.1020

# SYSTEM 200 Continuous Speed Rail

## Rail Supports

4

### Rail Support

#### Size

G2 G/GT Suspension, GT/KT Rail

For supporting rails from suspension pipes. Simply slip over suspension and tighten non-slip nut. Rails are fastened with self-tapping screws. G/GT, K/KT rail. Included pinning hole for added safety.



### Close Rail Support

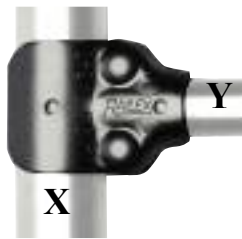
CB2 CB2S3  
For fastening directly to beams, angles, channels, door jambs, etc. Rails are fastened with self-tapping screws. G/GT or K/KT rails. Two mounting holes on 2" centers. 3/8" Diameter, Width 2 1/2"

Optional:  
Single center hole 3/8".



## Brace and Cross Clamps

5



### Steel Brace Clamp-3

(3 Way)

Part No.	Size		Pipe Size
	X	Y	I.P.S.
G3	G	G	3/4" x 3/4"
K3	K	K	1" x 1"
L3	L	L	1 1/4" x 1 1/4"
KG3	K	G	1" x 3/4"
LG3	L	G	1 1/4" x 3/4"
LK3	L	K	1 1/4" x 1"
GK3	G	K	3/4" x 1"

For bracing, supporting upright, headers, suspensions, or braces. Made in two halves that clamp around pipe or tubing. Bolts and non-slip nuts are furnished.



### Header Rail Support

2UB2  
For bolting directly to horizontal L/LT header. Furnished with U-bolt and nuts.

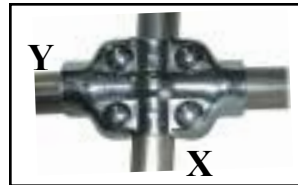


### Steel Cross Brace Clamp

X-S (4 Way)

Part No.	Size		Pipe Size
	X	Y	I.P.S.
GGX-S	G	G	3/4" x 3/4"
KKX-S	K	K	1" x 1"
LLX-S	L	L	1 1/4" x 1 1/4"
GKX-S	G	K	3/4" x 1"
GLX-S	G	L	3/4" x 1 1/4"
KLX-S	K	L	1" x 1 1/4"

For bracing, supporting upright, headers, suspensions, or braces. Both pipes go straight through and therefore do not have to be cut at clamp. Bolts and non-slip nuts are furnished.



Part No.	Size		Pipe Size
	X	Y	I.P.S.
GGX-M	G	G	3/4" x 3/4"
KGX-M	K	G	1" x 3/4"
KKX-M	K	K	1" x 1"
LLX-M	L	L	1 1/4" x 1 1/4"

### Malleable Style Cross Brace Clamps - X-M

For bracing, supporting of upright, headers, suspensions or braces. Made in two halves that clamp around pipe or tubing. Bolts and non-slip nuts are furnished. Malleable iron or steel construction with a zinc plated finish. Lines intersect. "X" goes straight through. "Y" is cut.

### Rail End Stop - RE

#### Specify Size.

Prevents trolleys and hangers from moving off end of rail.

#### Sizes

G  
GT  
K  
KT



#### Specify Size.

For connecting rails and headers internally.

IN10GT  
IN10KT



## Inserts

#### Sizes

LT-14ga.  
LT-12ga.

IN6



# SYSTEM 200 Continuous Speed Rail

## Arm Brackets

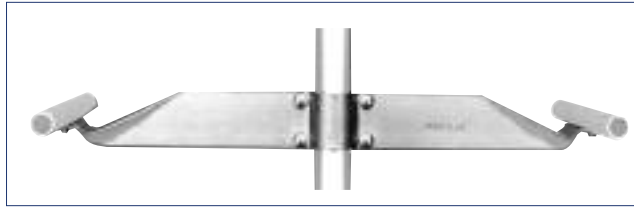
6

### Suggested Upright Sized Using:

- 1/16" GT Rail on 5' Span for dry cleaning or
- 1 5/16" KT Rail on 6' span for wearing apparel and other applications.

This table is not valid for additional load bearing requirements such as Catwalks, Mezzanines, or Shelving.

Light Loads: 30lbs./ft.  
Heavy Loads 50lbs./ft.



### Double Arm Bracket-4

Upright size	Part number				
	Center to Center Between Rails				
K4	18"	24"	27"	30"	36"
L4	18"	24"	27"	30"	36"
M4	18"	24"	27"	30"	36"
Q4		24"	27"	30"	36"
S4		24"	27"	30"	36"

*Arm Brackets* are used for supporting rails on uprights. They can be clamped after uprights are in place.

Adjustable height. Sturdy four bolt construction. Bolts & nuts are included. Fits all rail sizes G/GT, K/KT.

Other center distances to order.



### Single Arm Bracket-5

Upright size	Center of Upright to Center of Rails			
	K5	9"	12"	13 1/2"
L5	9"	12"	13 1/2"	15" 18"
M5	9"	12"	13 1/2"	15" 18"
Q5		12"	13 1/2"	15" 18"
S5		12"	13 1/2"	15" 18"



### Wall Bracket - W7-12 15 18

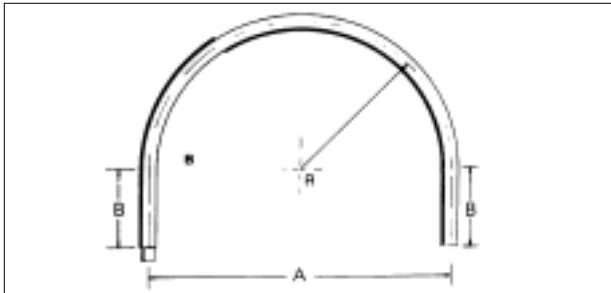
Upright size	Wall to center of Rail	
	W7-12	12"
W7-15	15"	
W7-18	18"	

For Supporting single rails from the wall by fastening bracket directly to the wall. Mounting holes on 7" centers. Other sizes to order.

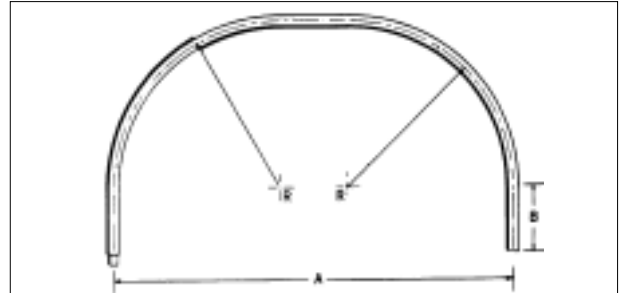
Max Upright Height	Light Load		Heavy Load	
	1-3 Tiers	1 Tier	2-3 Tiers	
8'	KT	KT	LT-14	
10'-6"	KT	LT-14	LT-12	
12'	LT-14	LT-14	LT-12	
14'	LT-12	LT-12	QT-11	

## Bends

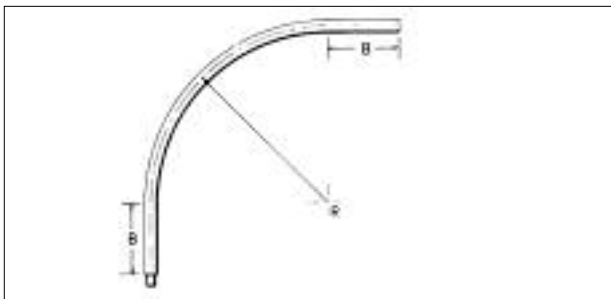
7



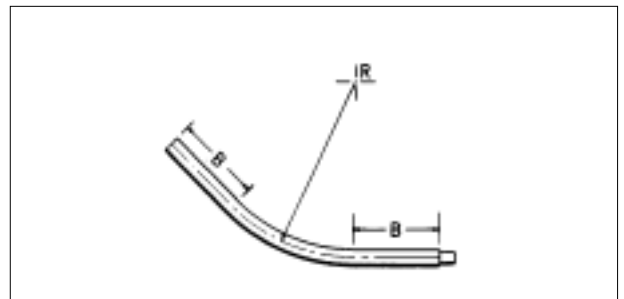
Part No.	Size O.D.	R	A	B
B180-24	1 1/16"-1 5/16"	12"	24"	6"
B180-27	1 1/16"-1 5/16"	13 1/2"	27"	6"
B180-30	1 1/16"-1 5/16"	15"	30"	6"
B180-48	1 1/16"-1 5/16"	24"	48"	6"



Part No.	Size O.D.	R	A	B
B9090-36	1 1/16"-1 5/16"	15"	36"	6"
B9090-42	1 1/16"-1 5/16"	15"	42"	6"
B9090-48	1 1/16"-1 5/16"	15"	48"	6"



Part No.	Size O.D.	R	A	B
B90-15	1 1/16"-1 5/16"	15"	-	6"
B90-24	1 1/16"-1 5/16"	24"	-	6"
B90-36	1 1/16"-1 5/16"	36"	-	6"



Part No.	Size O.D.	R	A	B
B45-15	1 1/16"-1 5/16"	15"	-	6"
B45-24	1 1/16"-1 5/16"	24"	-	6"

- All bends are fabricated of bright smooth zinc steel tubing. ■ One internal coupler furnished with each bend.  
Couplers are available for use with the following: G - 3/4" I.P.S. K - 1" I.P.S.  
GT - 1 1/16" O.D. x 14ga. KT - 1 5/16" O.D. x 14ga.

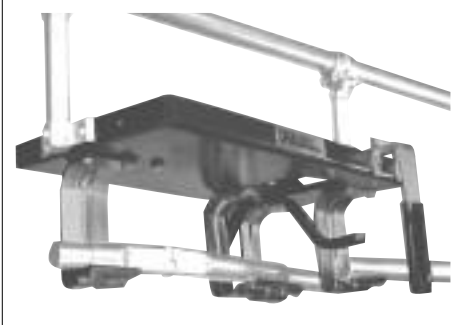
**RAILEX** Corp.  
89-02 Atlantic Ave., Ozone Park, NY 11416  
Tel: (718) 845.5454 ~ Fax: (718) 738.1020

# SYSTEM 200 Continuous Speed Rail

## Master Switches

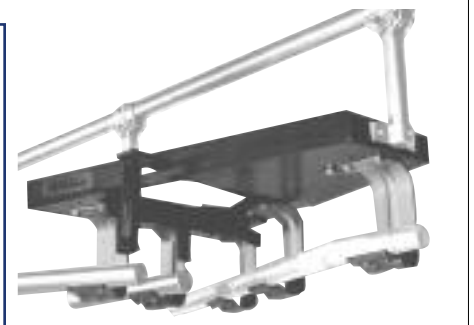
8

Master Switch - 2MS2 (2 way)

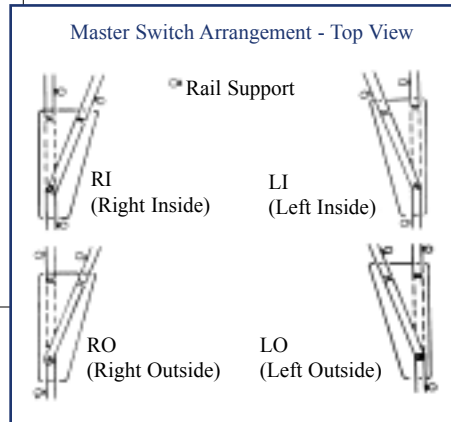


For switching to and from main lines and branch lines. Permits crossing through rail. Automatic derail prevention, self locking.

Master Switch - 2MS3 (3 way)



For switching to and from main lines to branch line on each side



### 21 MS 2 AP 2 Way Pneumatic Power and Free



- ◆ All switches are for  $1\frac{1}{16}$ " O.D. (GT) or  $1\frac{5}{16}$ " O.D. (KT) rail included.
- ◆ Air and power switches include CAM followers and receivers.
- ◆ Power switches for use with  $2\frac{1}{16}$ " and  $2\frac{3}{16}$ " wide power track.
- ◆ Air operated switches include 2 or 3 way pneumatic cylinders.
- ◆ Air requirement: 2 way ~ .02 cu. ft. @ 50psi  
3 way ~ .04 cu. ft. @ 50psi

Specify Rail Size: G, GT, K, KT

# SYSTEM 200 Continuous Speed Rail

## Auxiliary Switches

9

### Curved Spring Switch

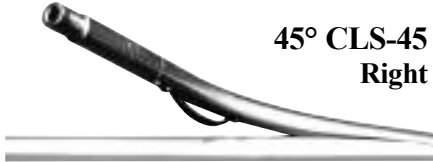
45° CSS-45  
Left



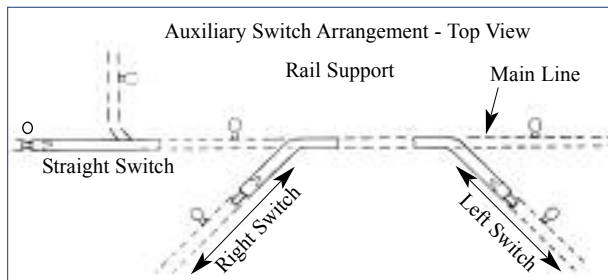
For transfer of trolleys from branch to main line at curve in main line. Spring loaded. Automatically actuated by trolley. Left switch is shown. Specify Left or Right Switch.

### Curved Lever Switch

45° CLS-45  
Right



For switching to and from main lines. Locking action holds in upper or lower position. Right switch is shown. Specify Right or Left Switch.



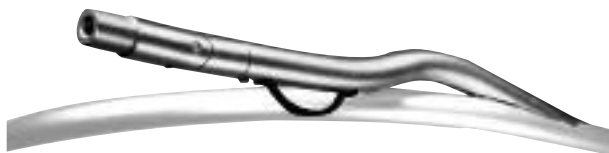
Optional: -90 for replacement in earlier systems. -Added tip for hanger use.

### Straight Spring Switch SSS



For transfer of trolleys from branch line to main line at curve in main line. Spring loaded. Automatically actuated by trolley.

### Straight Lever Switch SLS



For branching to and from straight line at curve in main line. Locking device holds switch in raised or lowered position.

### Removable Bar - RBS



For going through horizontal sliding doorway. Standard Length 32".

### Hinged Knife Switch - HKS



For going through hinged doorway or providing for passage of high vehicles. Standard length 32".

2 KOSS  
Spring Switch



2 KOLS  
Lever Switch



2 KOLMS  
Master Switch



2 KOHVH  
Hinged Knife Switch with Vertical Hold



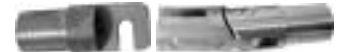
2 KORSS-2  
Rack Swivel Telescopic Switch 2 Plane



2 KORBF  
Removable Bar Flat Type



2 KORBF-2  
with Side Swivel



2 KORBR  
Removable Bar Round Type



2 KORBR-2  
with Side Swivel



2 KOSLB  
Sectional Loading Boom



# SYSTEM 200 Continuous Speed Rail

## POWER & FREE TROLLEY PUSHERS



**21JW36 SWP**  
with 3/8"  
Urethane Paddle



**211RX-035**



**215JW-035**




**214RW-035**



**21RW36 SWP**  
with 3/8"  
Urethane Paddle

10

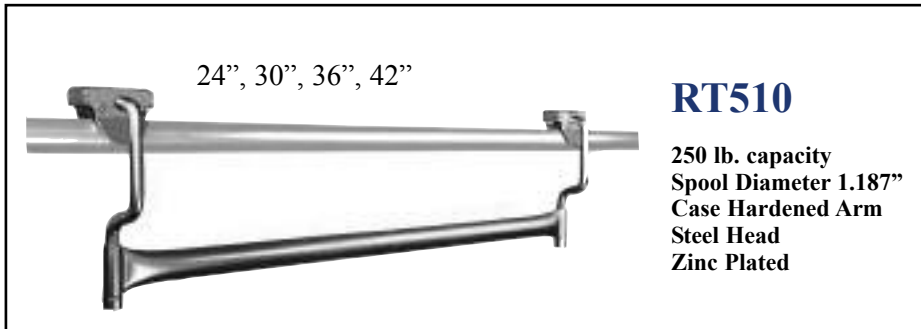
 <p><b>PF2-13.5</b> Power/Free Rail Support FOR USE WITH SOFT PUSHERS</p>	 <p><b>PF2-11</b> Power/Free Rail Support</p>	 <p><b>GRPF2</b> Guard Rail Support for Power &amp; Free</p>
 <p><b>21 TU-KT</b> Take Up</p>		



**TELESCOPING DOCKING RAIL ~ TSS**  
To extend trolley rail into trucks equipped with rails.  
**Standard Length: 32" Extends to: 44"**  
**Single Plane Telescoping ~ TSS-1**  
**Multi-Plane Telescoping ~ TSS-2,3,4**  
**Sizes: KT - KT, GT - GT, KT - GT**

# SYSTEM 200 Continuous Speed Rail

## Trolleys

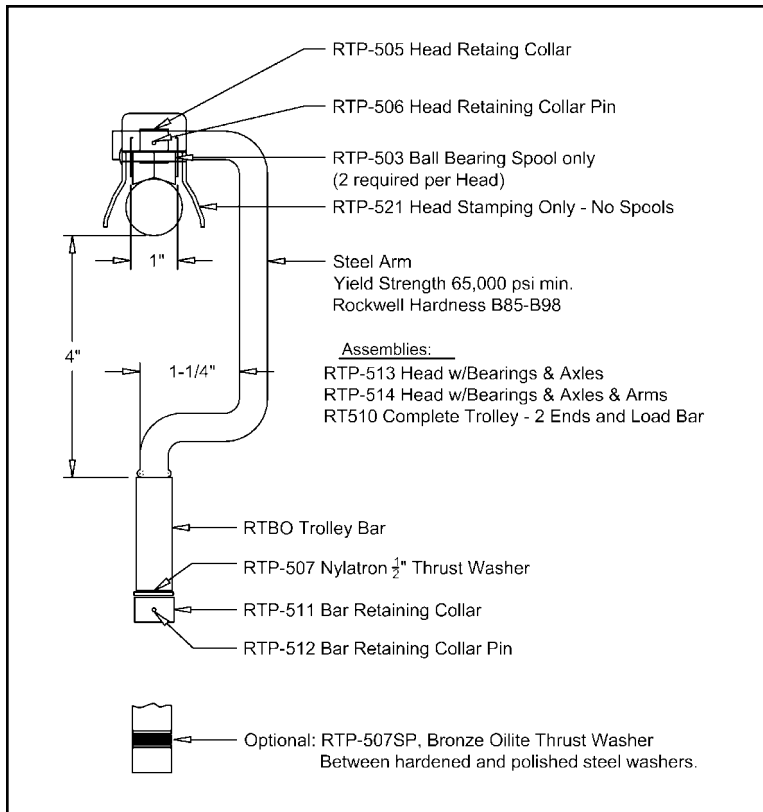


11

### Standard Equipment:

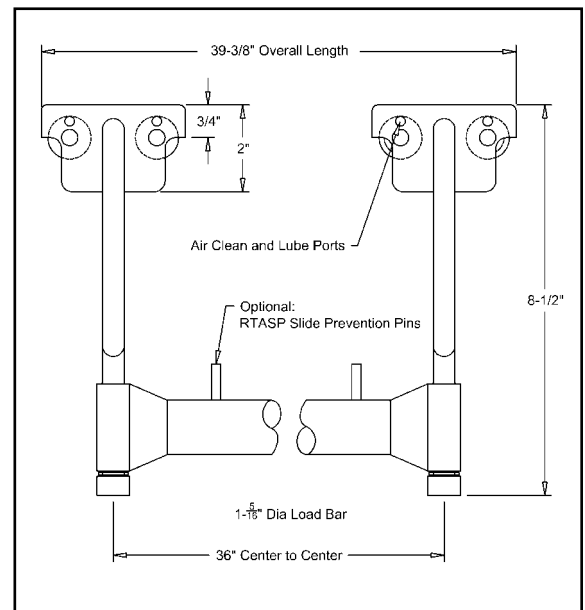
- Shielded *double row ball bearings*, pre-lubricated, 4 spools (8 bearings) per trolley
- Thrust washers on trolley bar
- Stock Lengths: 24", 30", 36", center/center
- 1 5/16" Plated Load Bar

**Note: Overhead use requires Guard Rail & Safety Netting**



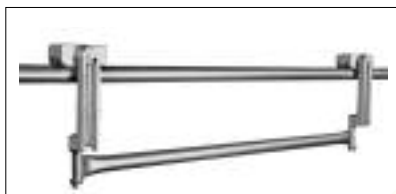
### Options:

- Slide stop pins for use on inclined conveyors
- Ball bearing thrust for trolley bar pivot
- Bronze Oilite thrust for trolley bar pivot
- Nylon tires or stainless steel balls on RT510
- Arms for 5 1/2" clearance on RT510



### RT900

300lb. capacity  
Spool Diameter 1.375\"  
Case Hardened Arm  
Steel Head  
Zinc Plated



**Outlasts Them All!**

**RAILEX** Corp.

89-02 Atlantic Avenue, Ozone Park, NY 11416 ♦ Tel: (718) 845.5454 ~ Fax: (718) 738.1020

# SYSTEM 200 Continuous Speed Rail

## Trolleys Carrier Attachments

12

### Basket-Folding Steel



- Electroplated steel
  - Folds Flat
  - Hangs 4" below Trolley
- | Stock No. | Depth | Width | Height |
|-----------|-------|-------|--------|
| 2SB18     | 18"   | 36"   | 36"    |
| 2SB24     | 24"   | 36"   | 36"    |

### Trolley Transporter



**Construction:**  
 1 5/16" Electroplated Steel  
**Floor Space:** 48" x 24"  
**Hanging Bar Height:** 48"  
**Casters:** Ball bearing swivel, 4" cushion tread wheels, thread guard axles.  
**Optional:** 5" casters

Stock No. 1364

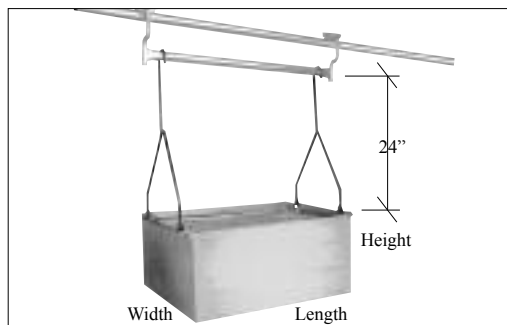
### Carrier Extension



- Electroplated Steel
- Length:**  
 24", 30", 36", 42"  
**Height:** Hangs 28 1/2" below trolley  
**Stock No.:** Rigid - 2RE  
 Folding-2FE

## Flat Folding - Goods Carrier









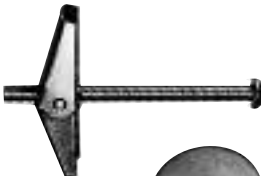











### Top Loading



Model illustrated fold Flat

Stock No.	Width	Length	Height
2CB183012	18"	30"	12"
2CB263018	26"	30"	18"

# SYSTEM 200 Installation Hardware

	Description	Part No.	Size	Package Quantity	Weight/100 Pcs.
	<b>Drill Bit</b>	FDB19	No. 19	12	1.5
	<b>Screw, Self Drilling &amp; Tapping</b>	FSD75	10-32 x 3/4"	100/1000	.73
	<b>10-32 Hex Washer Head</b>	FSD10	10-32 x 1"	100/1000	.89
	<b>Anchor 1 Piece Nail Drive</b>	FA2814	1/4" x 1 1/4"	100	2.1
	<b>Sleeve Locking Bolt</b>	FA5015	3/8" x 1 7/8"	50	7.5
	<b>Stud Set Bolt</b>	FA7413	3/8" x 3"	50	10
	<b>Lag Shield, short</b>	FA1101	5/16" x 1/2"	50	3
		FA1151	3/8" x 5/8"	50	6.7
	<b>Lag Bolt</b>	FL3110	5/16" x 1"	50	2.9
		FL3115	5/16" x 1 1/2"	50	3.8
		FL3120	5/16" x 2"	50	4.6
		FL3130	5/16" x 3"	50	6.4
		FL3710	3/8" x 1"	50	4.4
		FL3720	3/8" x 2"	50	6.6
		FL3725	3/8" x 2 1/2"	50	8.0
		FL3730	3/8" x 3"	50	9.1
	<b>Toggle Bolt</b>	FT4341	5/16" x 4"	25	14
		FT4441	3/8" x 4"	25	18
		FT4451	5/16" x 5"	25	20
	<b>Washer, steel</b>	FWA200	3/8" x 2"	50	6
		FWA300	3/8" x 3"	50	15
	<b>Bushing, wood</b>	FBW106	1.06" O.D.	50	3
		FBW137	1.37" O.D.	50	5
	<b>Rod, steel</b>	FRS037	3/8" x 3"	50	9
	<b>End Caps, rubber</b>	RCG20	1.06" O.D.	50	9
		RCK22	1.32" O.D.	50	13
		PCL24	1.66" O.D.	50	10
	<b>Rail Cleaner/Lubricant</b>	22LRS	Qt.	6	194
	<b>Angle Clip</b>				
	1 hole	2AC12	1 1/2" x 2" x 1/2"	50	13
	2 hole	2AC13	1 1/2" x 2" x 4"	50	43
	<b>Beam Clamp</b>	2BC11	3/8"	50	63
	<b>6" Nipple w/weld nut</b>	2NI6W-GT	GT x 3/8"	50	50
		2NI6W-KT	KT x 3/8"	50	66
	<b>Threaded Rod</b>	2TR38-6	3/8" x 6'	10	226
		2TR38-10	3/8" x 10'	10	376
		2TR50-10	1/2" x 10'	10	668
	<b>Rod Coupling</b>	2RC38	3/8" x 3/8"	10	12
		2RC50	1/2" x 1/2"	10	16
	<b>Clevis Hanger</b>	2CH602-3/8"	K/KT	10	25
		2CH603-3/8"	L/LT	10	38
		2CH602-1/2"	K/KT	10	25
		2CH603-1/2"	L/LT	10	38

# OTHER SYSTEMS *By Railex*

## GARMENT HANDLING CONVEYORS

Inclined Trolley Booster	211
Rotating Rail	321
Continuous Tube	430
Vertical Garment	500
Storage & Retrieval	700-900
Checkroom Systems (Electric)	1000-1100
Checkroom Systems (Stationary)	1200
Rolling Stock	1300
Digital Conveyor Controls	1800
Dispatchmatic & Sorting	3000

