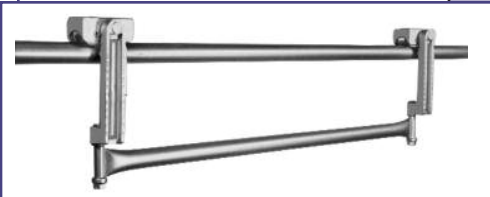
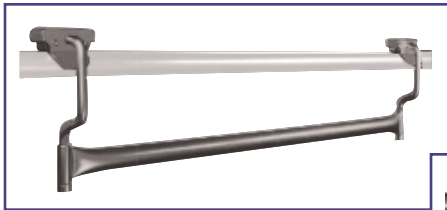
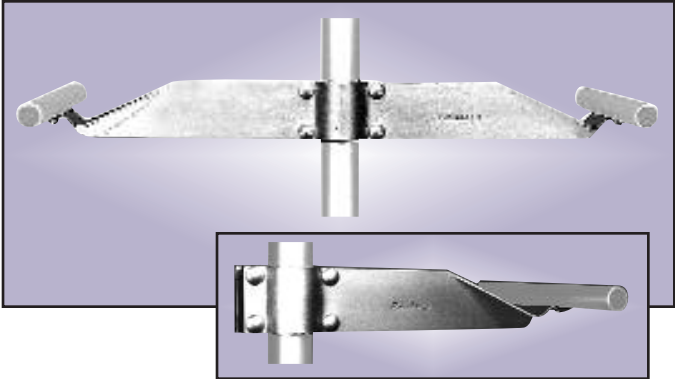
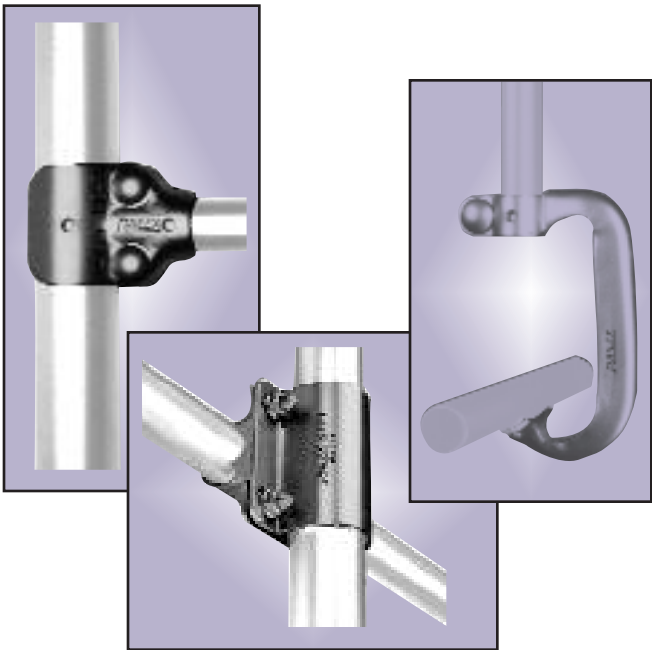


System 200 Continuous Speed Rail

...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.



2

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.

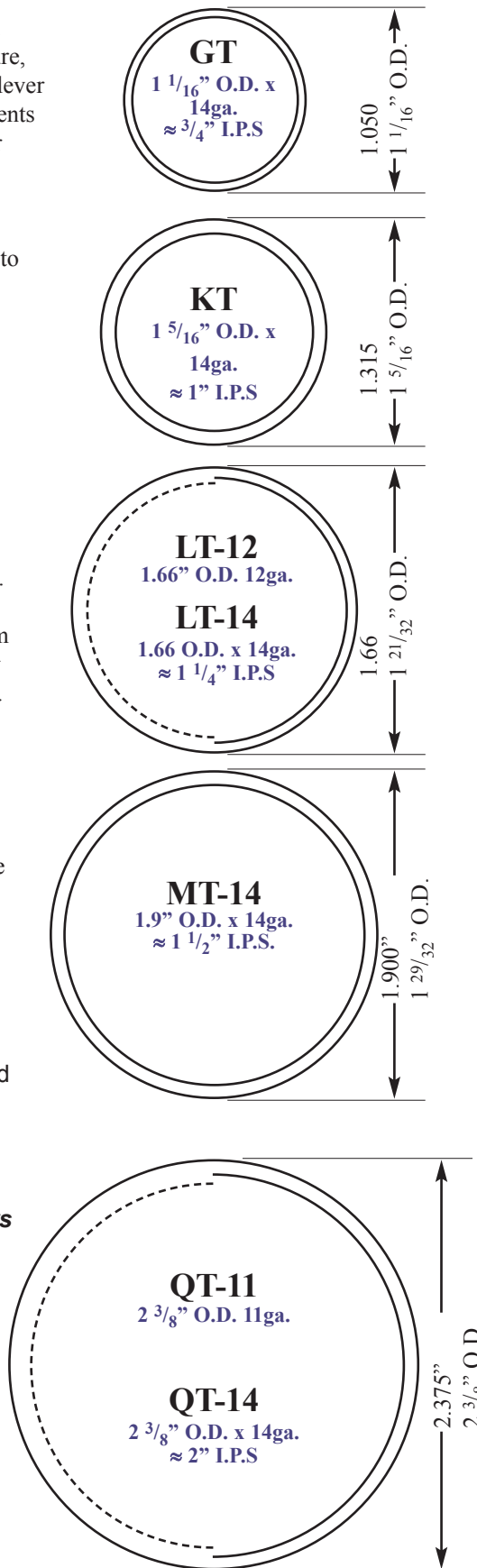
The System is available for 1 1/16" O.D. rail with recommended span not exceeding 5 feet between supports, and for 1 5/16" O.D. rails with a recommended span not exceeding 6 feet between supports. Our experience has led us to recommend the 1 5/16" O.D. system as significantly preferable in every respect 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 & Extra Smooth plated finish makes this ideal for rail, uprights, suspensions & 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'

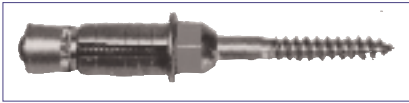
*Recommended Rail Size for New Installations



SYSTEM 200 Continuous Speed Rail

Suspensions, Flanges and Floor Plates

3



Ceiling Bolt

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

For fastening suspension pipes directly from wooden beams. Lag 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
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

(2 Hole)

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

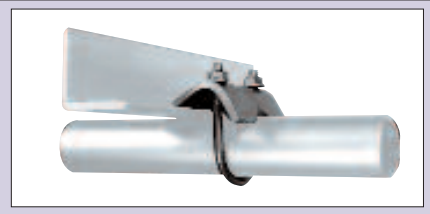
Two hole mounting for use as upright base plate. One piece weldment. Holes on 3 1/4" centers.



Flange Clamp

	Size
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.



Pipe Header Clamp

	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

(Adjustable)

	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°.

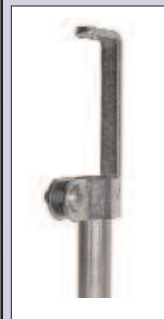


Suspension Clamp

(Beam, Angle or Channel)

	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
2G12R	G/GT

For suspending pipe or tubing with 1 hole mounting.



Base, Dished

20" x 20" (28" Diagonal)

	Size
2LBAS20	L/LT
2QBSA20	Q/QT

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



Strap

	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.

RAILEX[®] Corp.

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

SYSTEM 200 Continuous Speed Rail

Rail Supports

Rail Support

4

Size

G2 G/GT Suspension, GT/KT Rail

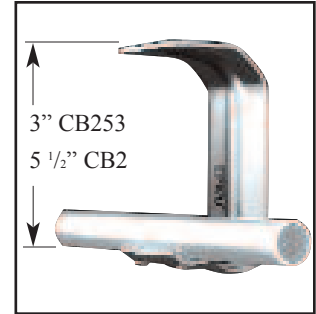
For supporting rails from suspension pipes. Simply slip over suspension and tighten non-slip nut. Rails are fastened with self-tapping screws. G/GT, K/KT rail. Included pinning hole for added safety.



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".



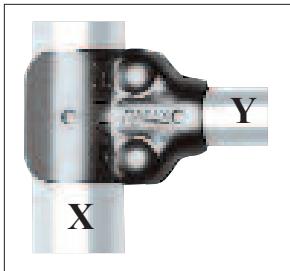
Brace and Cross Clamps

5

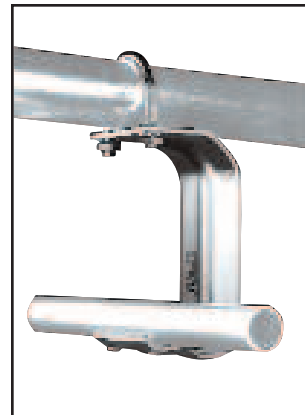
Steel Brace Clamp-3

(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"
KG3	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.



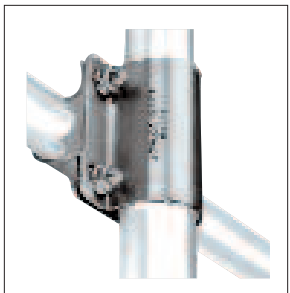
Header Rail Support

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

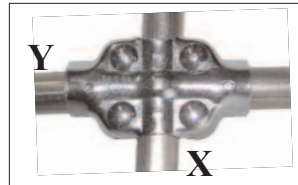
Steel Cross Brace Clamp

X-S (4 Way)

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



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.

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"

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

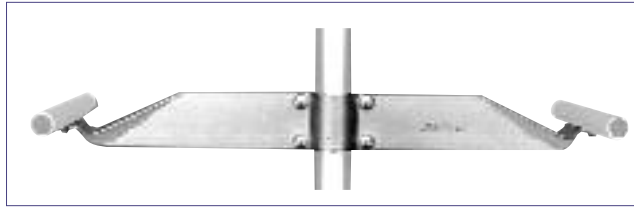
6

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.



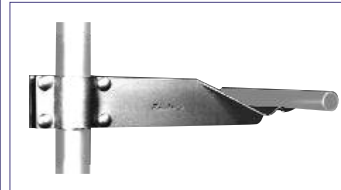
Double Arm Bracket-4

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	Part number			
	Center of Upright to Center of Rails			
K5	9"	12"	13 1/2"	15"
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

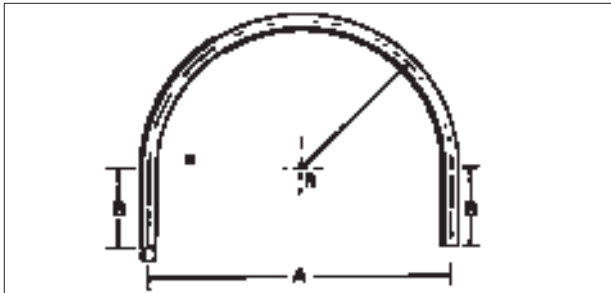
Upright size	Part number	
	Wall to center of Rail	
W7-12		12"
W7-15		15"
W7-18		18"

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

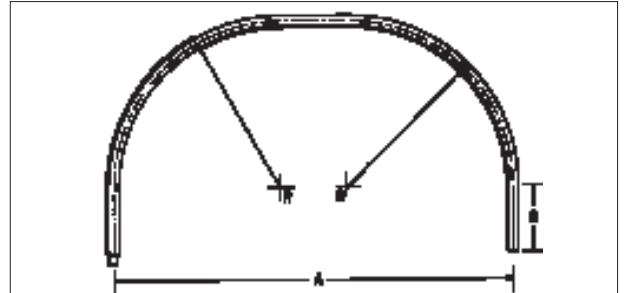
Max Upright Height	Light Load		Heavy Load	
	1-3 Tiers	1 Tier	2-3 Tiers	
8'	KT	KT	LT-14	
10'-6"	KT	LT-14	LT-12	
12'	LT-14	LT-14	LT-12	
14'	LT-12	LT-12	QT-11	

Bends

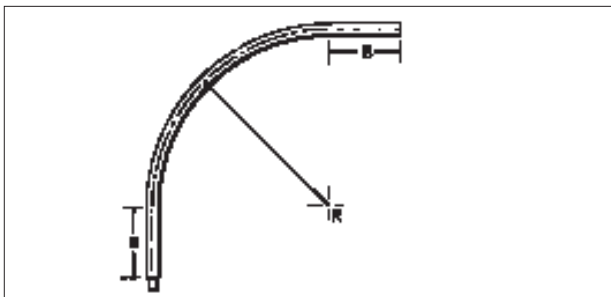
7



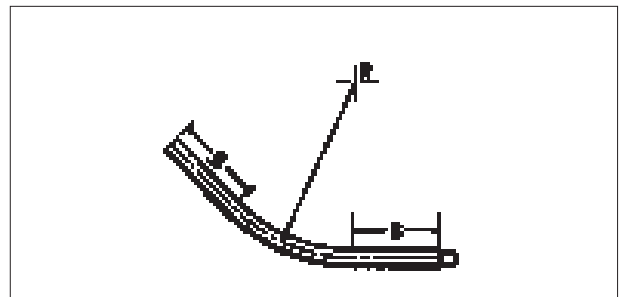
Part No.	Size O.D.	R	A	B
B180-24	1 1/16"-1 5/16"	12"	24"	6"
B180-27	1 1/16"-1 5/16"	13 1/2"	27"	6"
B180-30	1 1/16"-1 5/16"	15"	30"	6"
B180-48	1 1/16"-1 5/16"	24"	48"	6"



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"

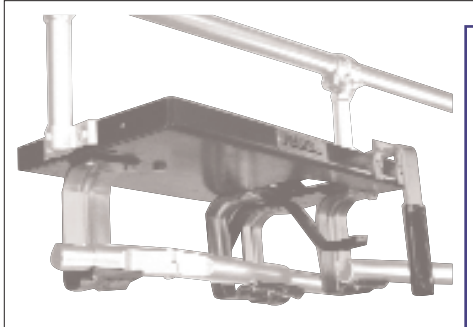
- All bends are fabricated of bright smooth zinc steel tubing. ■ One internal coupler furnished with each bend.
Couplers are available for use with the following: G - 3/4" I.P.S. K - 1" I.P.S.
GT - 1 1/16" O.D. x 14ga. KT - 1 5/16" O.D. x 14ga.

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SYSTEM 200 Continuous Speed Rail

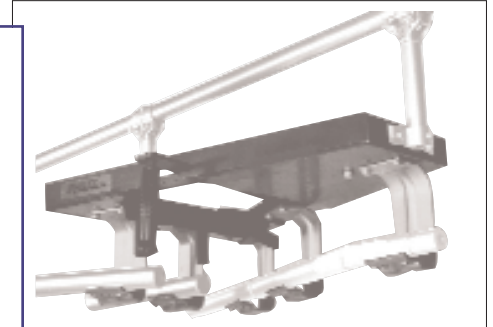
Master Switches

Master Switch - 2MS2 (2 way)



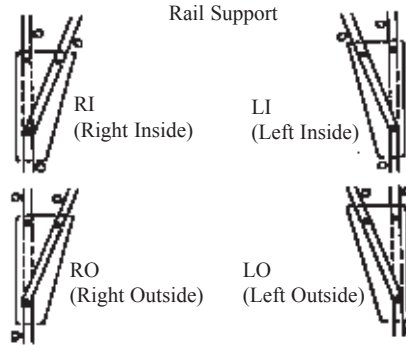
For switching to and from main lines and branch lines. Permits crossing through rail. Automatic derail prevention, self locking.

Master Switch - 2MS3 (3 way)

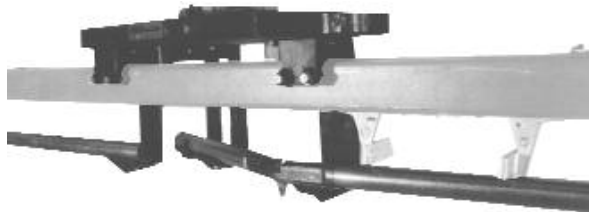


For switching to and from main lines to branch line on each side

Master Switch Arrangement - Top View



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



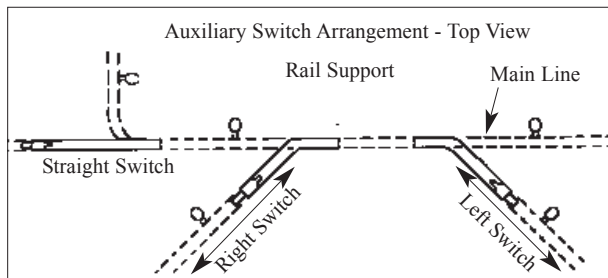
For transfer of trolleys from branch to main line at curve in main line. Spring loaded. Automatically actuated by trolley. Left switch is shown. Specify Left or Right Switch.

Curved Lever Switch

45° CLS-45



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 45° SSS-45



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

Straight Lever Switch 45° SLS-45



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

10



**215
JW36 SWP**
with 3/8"
Urethane Paddle



**214
RW36 SWP**
with 3/8"
Urethane Paddle



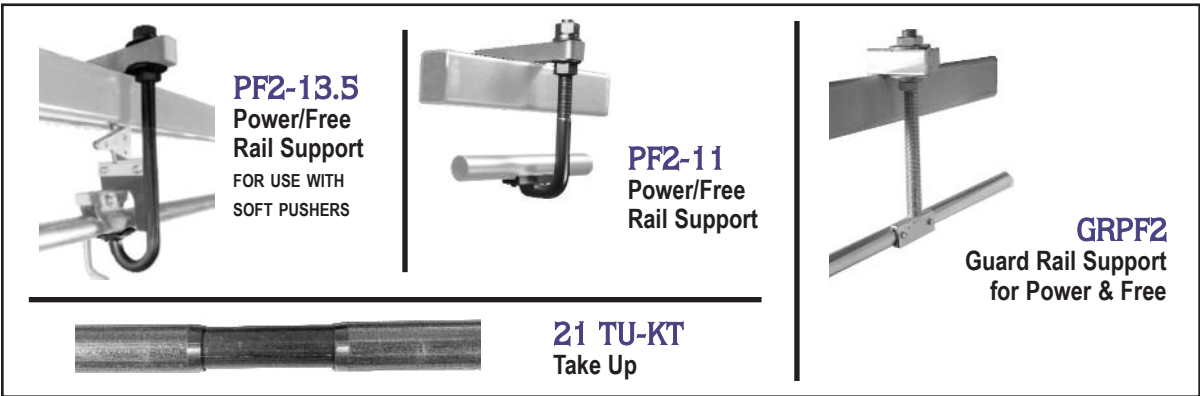
**211
RX-035**



**215
JW-035**



**214
RW-035**



PF2-13.5
Power/Free
Rail Support
FOR USE WITH
SOFT PUSHERS



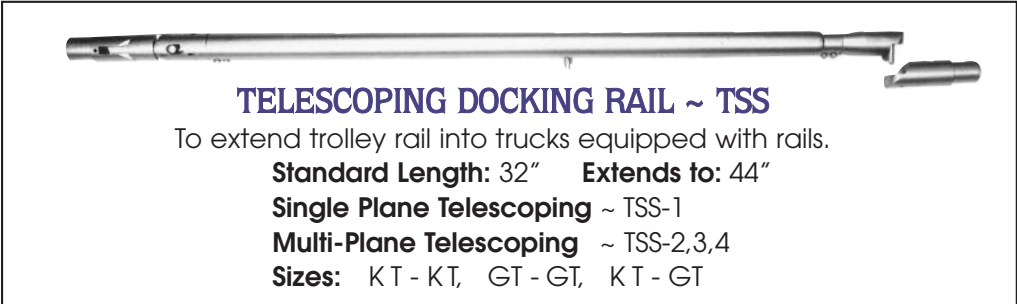
PF2-11
Power/Free
Rail Support



GRPF2
Guard Rail Support
for Power & Free



21 TU-KT
Take Up



TELESCOPING DOCKING RAIL ~ TSS

To extend trolley rail into trucks equipped with rails.

Standard Length: 32" Extends to: 44"

Single Plane Telescoping ~ TSS-1

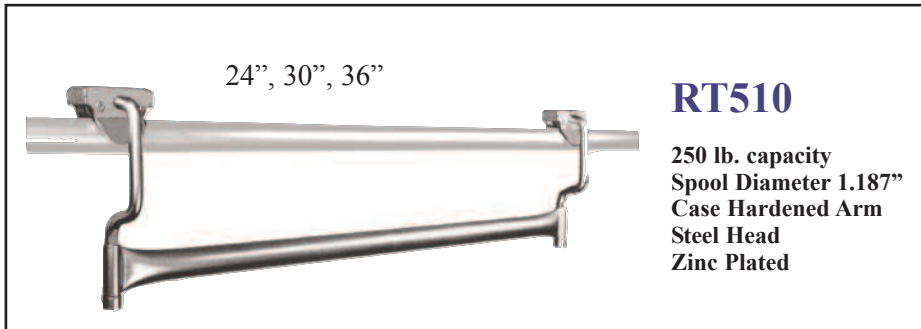
Multi-Plane Telescoping ~ TSS-2,3,4

Sizes: KT - KT, GT - GT, KT - GT

SYSTEM 200 Continuous Speed Rail

Trolleys

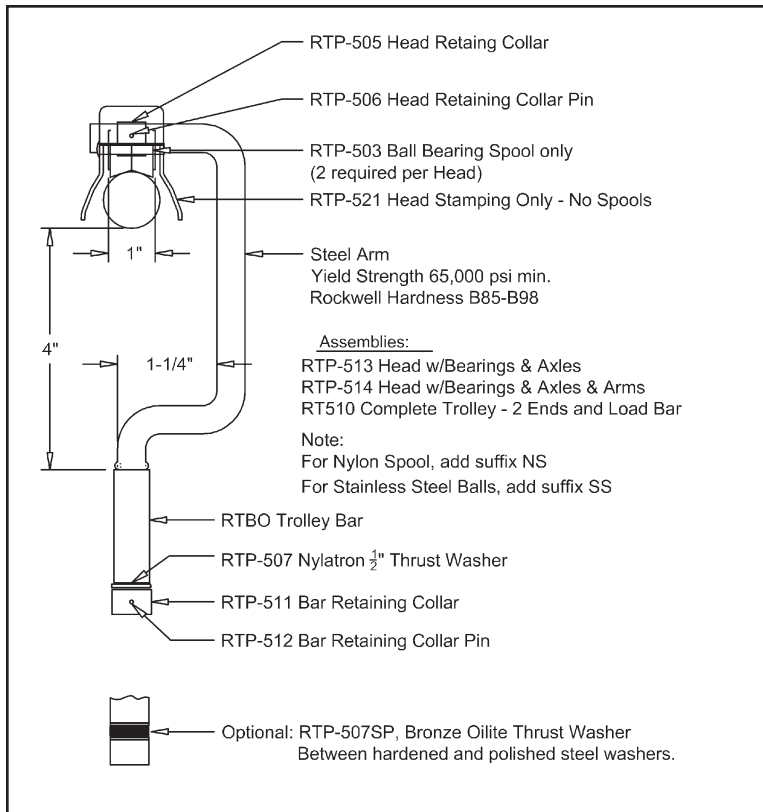
11



Standard Equipment:

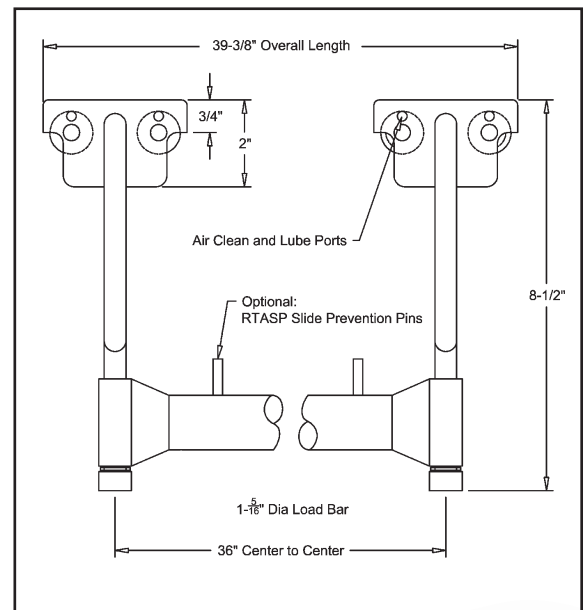
- Shielded *double row ball bearings*, pre-lubricated, 4 spools (8 bearings) per trolley
- Thrust washers on trolley bar
- Stock Lengths: 24", 30", 36", center/center
- 1 5/16" Plated Load Bar

Note: Overhead use requires Guard Rail & Safety Netting



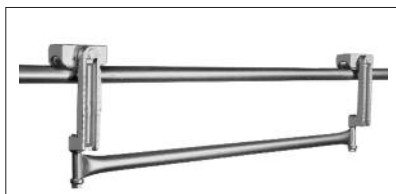
Options:

- 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"

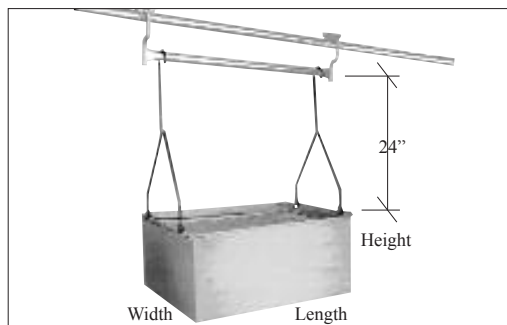
Height: Hangs 28 1/2" below trolley

Stock No.: Rigid - 2RE

Folding-2FE

Flat Folding - Goods Carrier









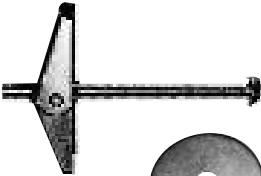











Top Loading



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.
	Drill Bit	FDB19	No. 19	12	1.5
	Screw, Self Drilling & Tapping	FSD75	10-32 x 3/4"	100/1000	.73
	10-32 Hex Washer Head	FSD10	10-32 x 1"	100/1000	.89
	Anchor 1 Piece Nail Drive	FA2814	1/4" x 1 1/4"	100	2.1
	Sleeve Locking Bolt	FA5015	3/8" x 1 7/8"	50	7.5
	Stud Set Bolt	FA7413	3/8" x 3"	50	10
	Lag Shield, short	FA1101	5/16" x 1/2"	50	3
		FA1151	3/8" x 5/8"	50	6.7
	Lag Bolt	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
	Toggle Bolt	FT4341	5/16" x 4"	25	14
		FT4441	3/8" x 4"	25	18
		FT4451	5/16" x 5"	25	20
	Washer, steel	FWA200	3/8" x 2"	50	6
		FWA300	3/8" x 3"	50	15
	Bushing, wood	FBW106	1.06" O.D.	50	3
		FBW137	1.37" O.D.	50	5
	Rod, steel	FRS037	3/8" x 3"	50	9
	End Caps, rubber	RCG20	1.06" O.D.	50	9
		RCK22	1.32" O.D.	50	13
		PCL24	1.66" O.D.	50	10
	Rail Cleaner/ Lubricant	22LRS	Qt.	6	194
	Angle Clip				
	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
	Beam Clamp	2BC11	3/8"	50	63
	6" Nipple w/weld nut	2NI6W-GT	GT x 3/8"	50	50
		2NI6W-KT	KT x 3/8"	50	66
	Threaded Rod	2TR38-6	3/8" x 6'	10	226
		2TR38-10	3/8" x 10'	10	376
		2TR50-10	1/2" x 10'	10	668
	Rod Coupling	2RC38	3/8" x 3/8"	10	12
		2RC50	1/2" x 1/2"	10	16
	Clevis Hanger	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

