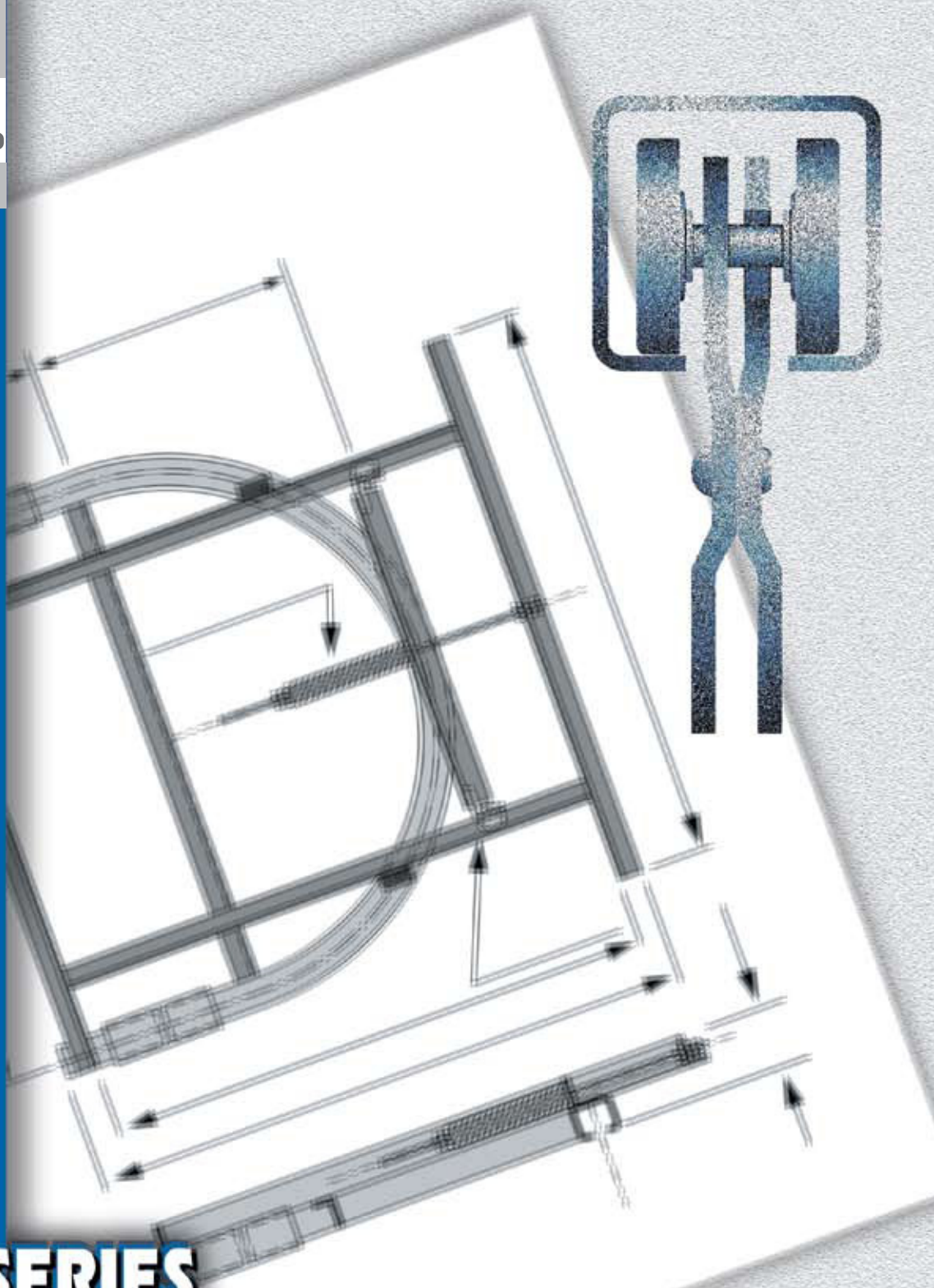
STS CONVEYORS

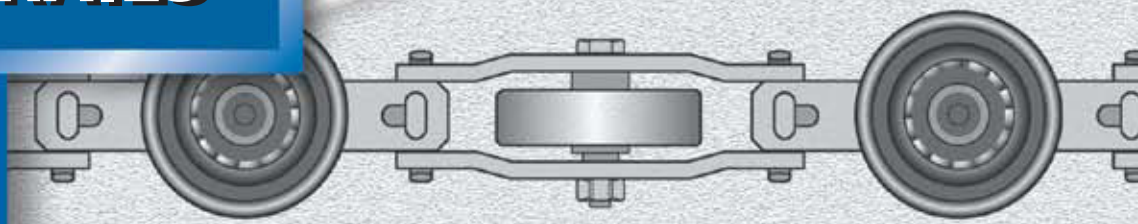
SINCE 1962

Engineering Solutions For All Your Hange Ups



8000 SERIES

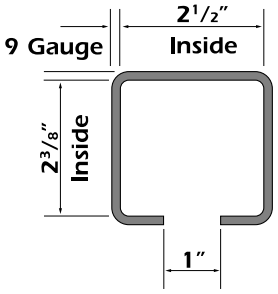
MONORAILS



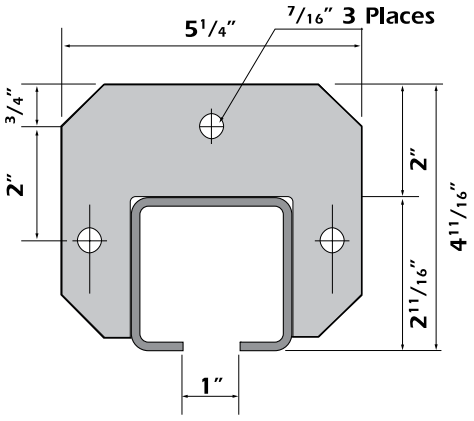
ENCLOSED TRACK

This track is a square, tubular section composed of AISI-SAE 1030 high carbon manganese steel.

-Stocked in 20' 0" lengths
-Can be saw-cut and welded without any special equipment
-End plates can be supplied for bolted installation
-All external surfaces of track are painted grey-blue metallic
-Available in stainless steel (special order)



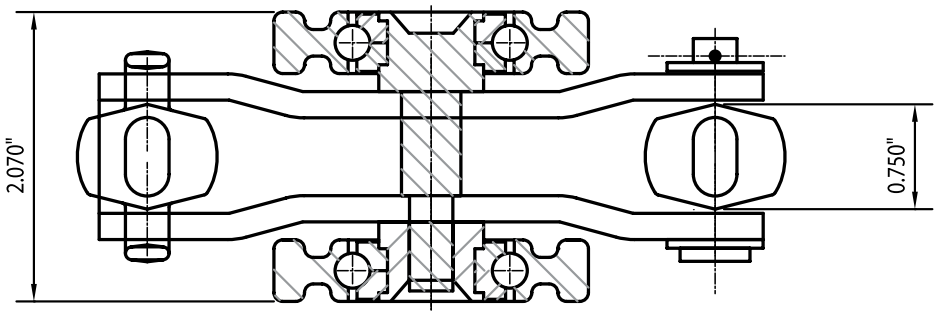
AC 8001 STRAIGHT TRACK SECTION
Weight: 5 lbs per ft.



AC 0868 END PLATE FOR BOLTED CONSTRUCTION

MASTER CONNECTING LINK ASSEMBLY:

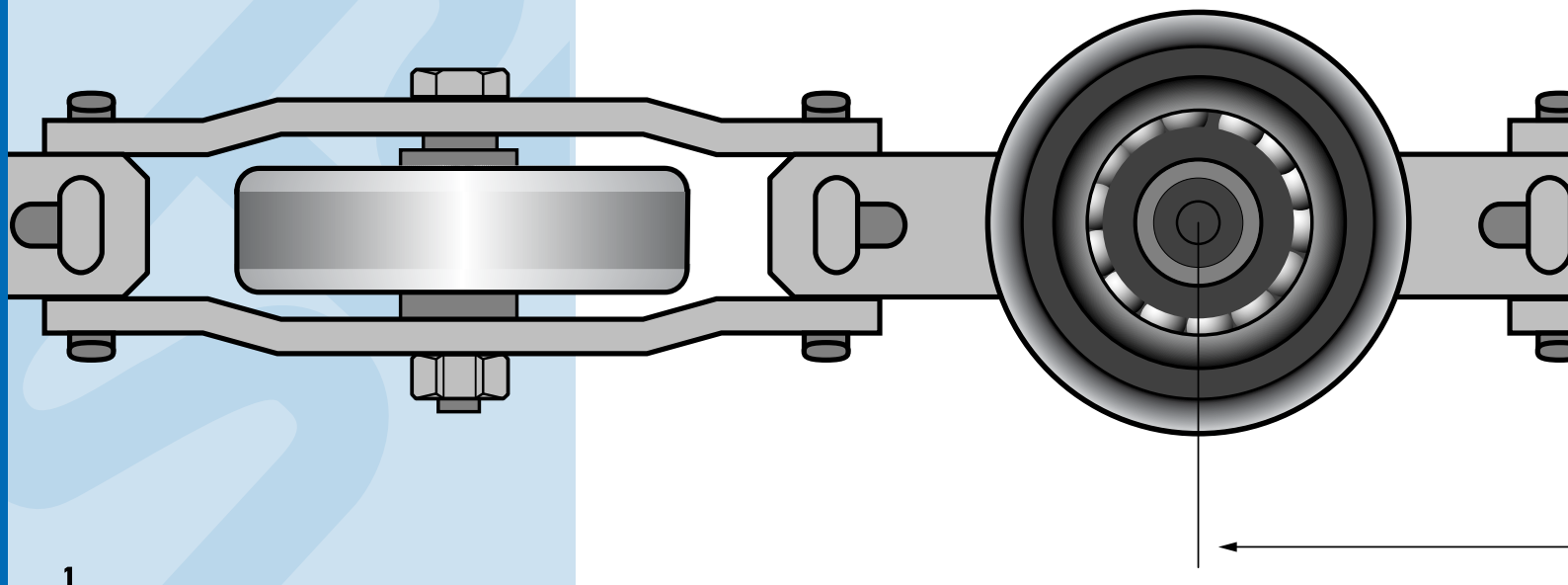
This assembly should be used when the chain must be joined in a straight line.

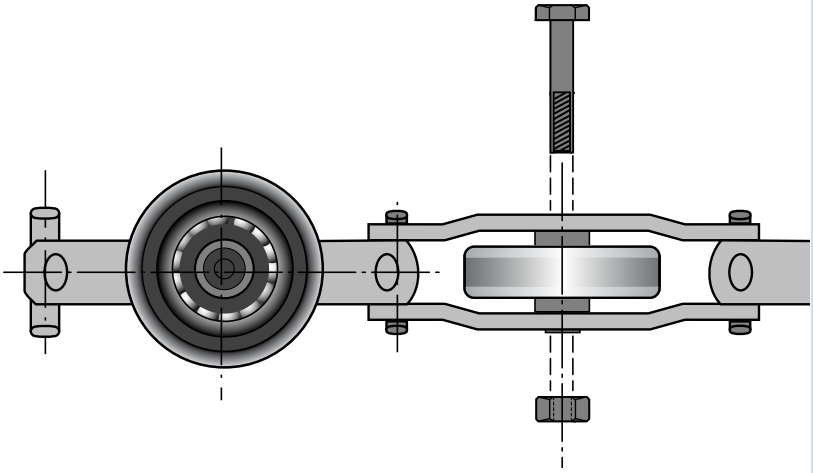


AC 8369 CONNECTING LINK ASSEMBLY

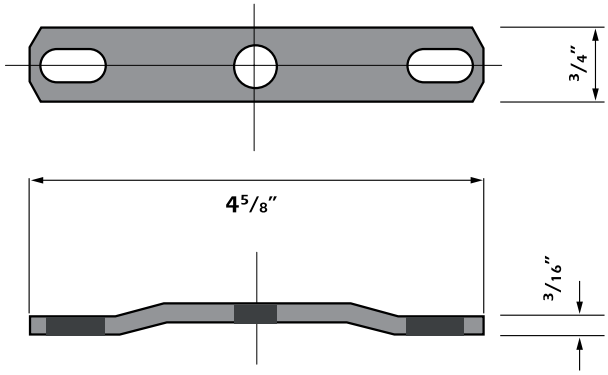
CHAIN PULL:

The ultimate tensile strength of this chain pull is 11,500 pounds. For maximum chain life, the chain pull should be limited to 750 pounds using a single drive unit, which provides a safety factor of 15 to 1.

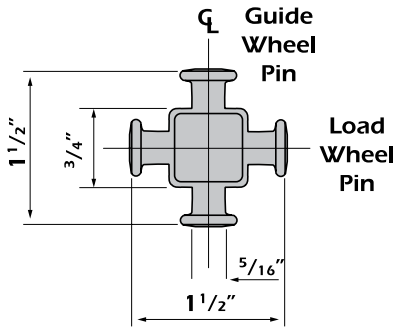




AC 8368 CHAIN ASSEMBLY
Weight: 3.25 lbs per ft.



AC 0935 CHAIN SIDE BAR



AC 0936 CHAIN PIN SYMETRICAL

ASSEMBLY:

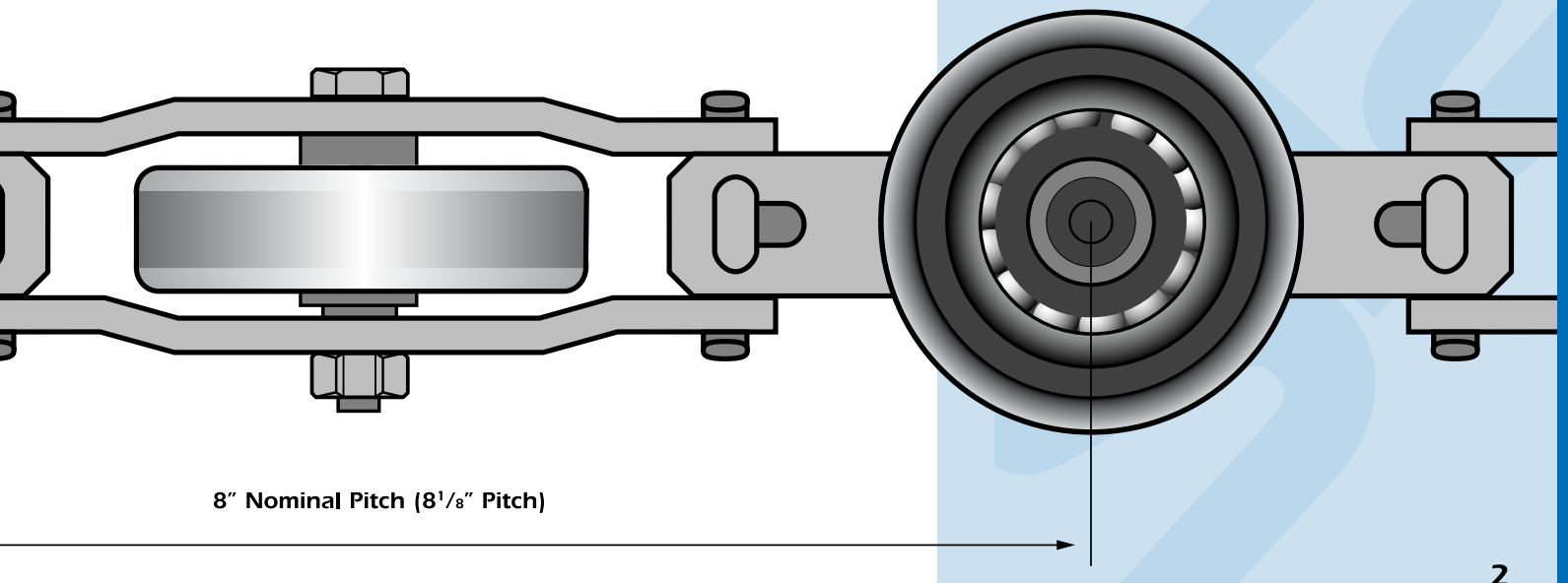
The chain can be readily disassembled at every pitch by removing the axle bolt on the side guide wheel and rotating the link 90 degrees.

SIDE BARS – CHAIN LINK:

These chain side bars are formed of AISI-SAE 1045 high carbon steel. They are then through-hardened and tempered to Rockwell 37-47 "C" scale.

CHAIN PINS:

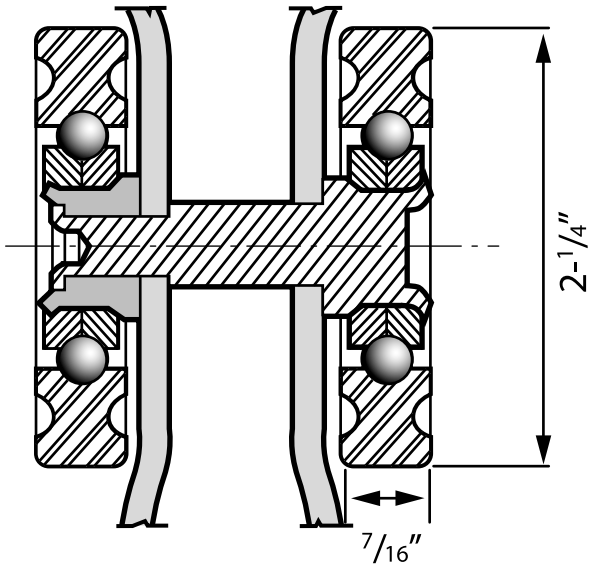
These pins are drop-foraged from AISI-SAE 1045 high carbon steel and heat treated to Rockwell 36-42 "C" scale. This universal pin allows the chain to flex in both directions.



8" Nominal Pitch (8 1/8" Pitch)

LOAD WHEELS:

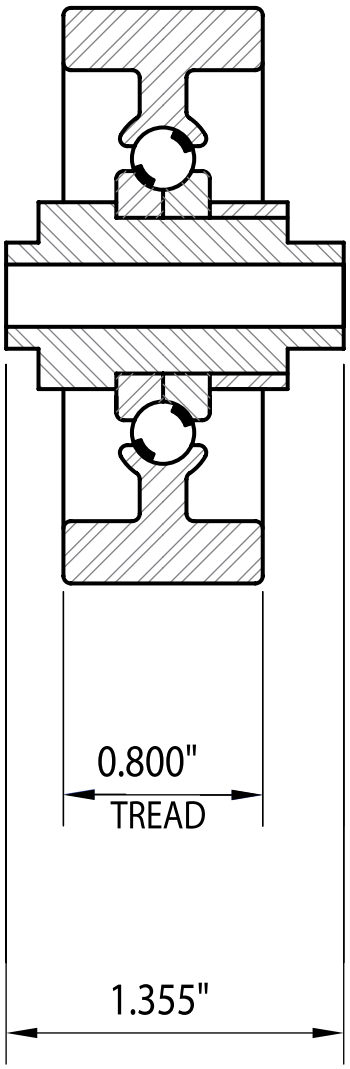
Each pair of load wheels measure 2.25" in diameter, with 7/16" face width and 14 - .250" diameter carbon steel balls (Grade 500). The wheels are machined from solid stock and heat treated to 58-62 Rockwell "C" scale.



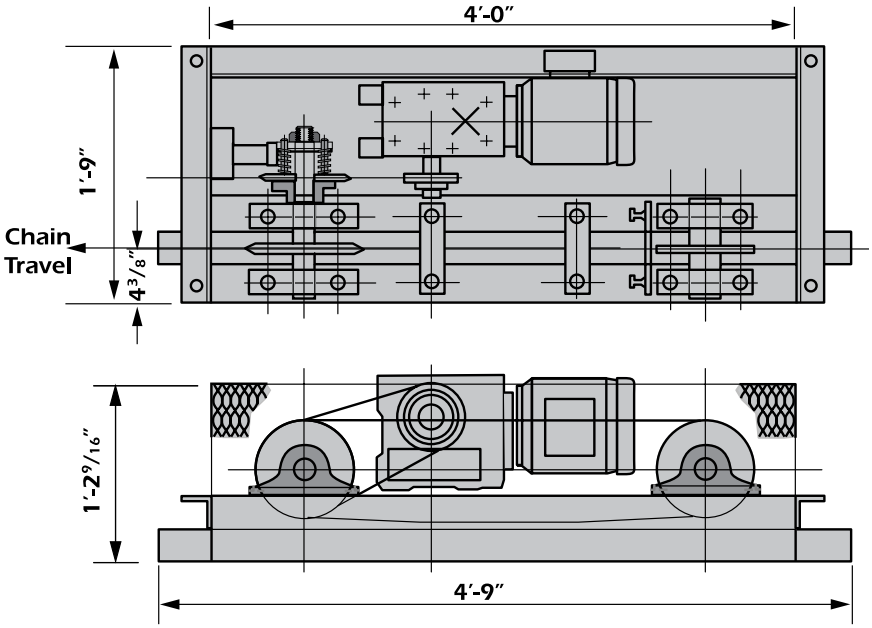
AC 0850-2F LOAD WHEEL

SIDE GUIDE WHEELS:

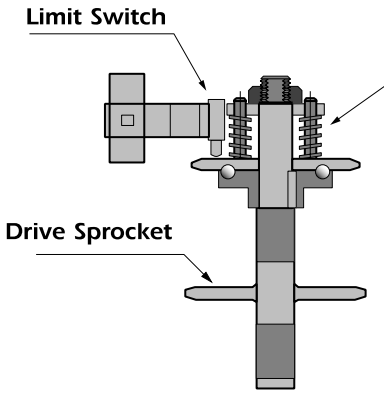
Each guide wheel is 2.31" in diameter with 14 - .250" diameter carbon steel balls (Grade 500) and a face width of 13/16". The greater face width allows forces to be distributed over a larger area. The wheels are hardened and heat treated to 58-62 Rockwell "C" scale.



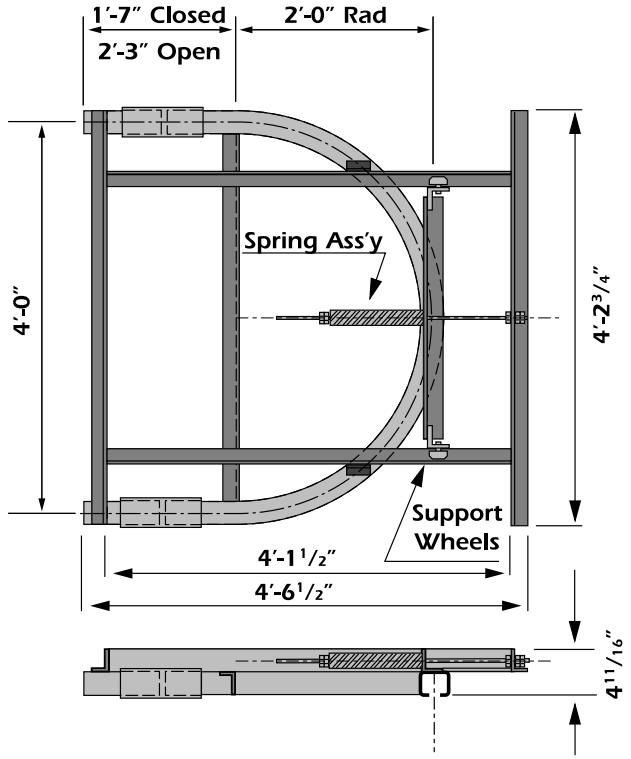
AC 0807-R GUIDE WHEEL



AC 8021 VARIABLE SPEED CAT DRIVE
AC 8022 CONSTANT SPEED CAT DRIVE
Weight: 350 lbs



AC 8334 TORQUE LIMITER HEAD SHAFT ASSEMBLY



AC 8012 2′-0″ R HOR. 8″ TRAVEL SPRING T.U.
Weight: 155 lbs

DRIVE:

- Maximum chain pull capacity 750 pounds.
- Standard variable 5 to 1 speed range, no exposed belts or pulleys.
- Combination right angle (helical worm) reducers.
- Eleven fixed heat treated caterpillar driving dogs.
- Chain guard supplied with each drive.
- Multiple drives are required when chain pull exceeds 750 pounds.
- Variable frequency drive controller available on request.
- Maximum conveyor speed should not exceed 60 f.p.m. with standard drive sprockets.

SRS TORQUE LIMITER

The SRS Torque Limiter supplies overload protection when used with a limit switch to cut off power.

TAKE-UP

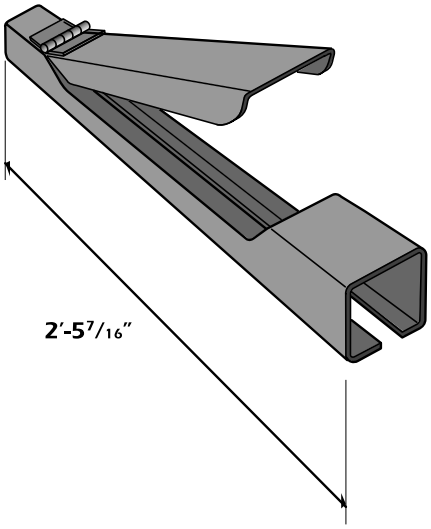
A take-up is required on every system to compensate for chain stretch, wear, and chain expansion of the system if operating in dry off or bake ovens.

Take-ups are used with four different types of adjustments: manual screws, automatic spring, air cylinder and counterweighted.

The standard radius of a take-up is 2′ 0″, resulting in a 4′ 0″ width; however, variable radii and spreads can be supplied to suit special requirements.

CHAIN INSPECTION GATE:

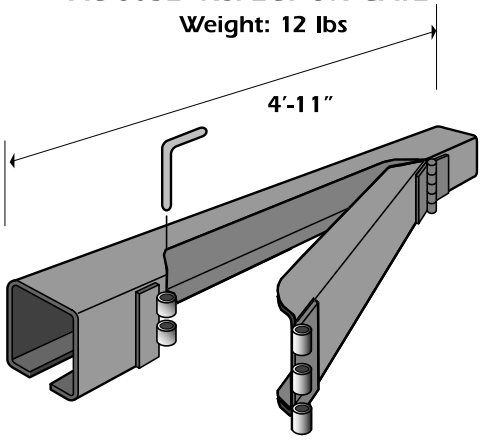
This section of track with a hinged panel is designed for chain inspection and maintenance.



AC 8032 INSPECTION GATE
Weight: 12 lbs

CHAIN INSTALLATION GATE:

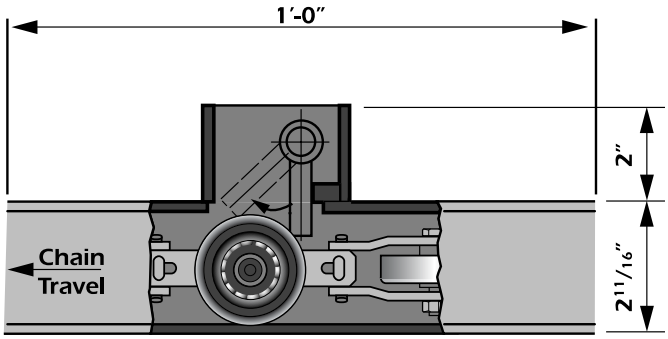
This track section is supplied to ease chain installation and removal.



AC 8031 INSTALLATION GATE
Weight: 12 lbs

ANTI-BACKUP SAFETY STOP:

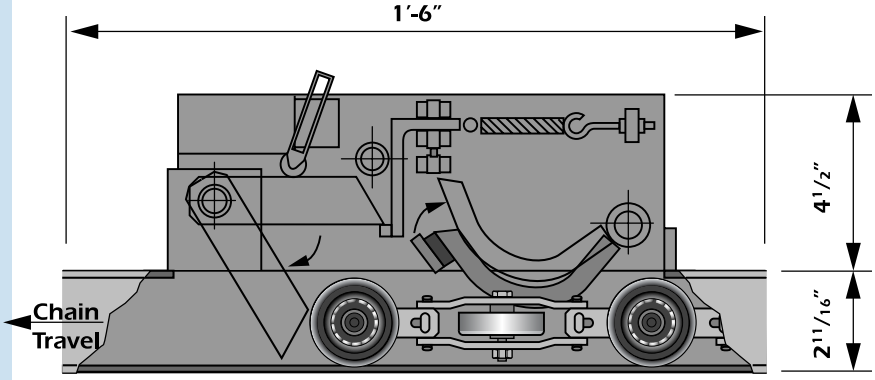
In the unlikely event of chain failure, anti-back-up safety stops are recommended on any loaded inclines of approximately 5′ 0″ drop or more. These stops will prevent runaway action caused by the loose chain.



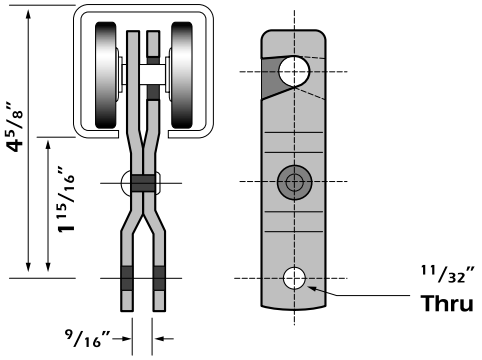
AC 8033 ANTI-BACKUP STOP ASSEMBLY
Weight: 2 lbs

ANTI-RUNAWAY SAFETY STOP:

Anti-runaway safety stops are recommended on any loaded decline of approximately 5′ 0″ drop or more. The stop is activated by the conveyor chain accelerating beyond its design speed. This stop can be supplied with a limit switch cutout.



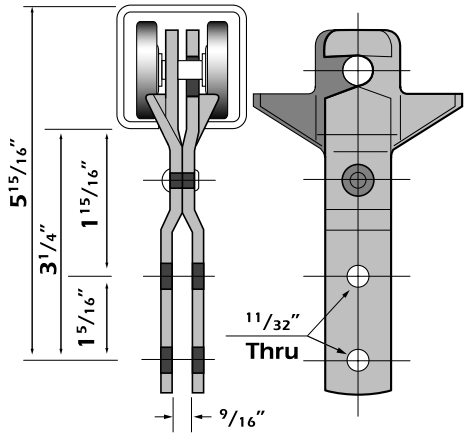
AC 8034 ANTI-RUNAWAY STOP ASSEMBLY
Weight: 15 lbs



AC 8367 STD "H" ATTACHMENT
Weight: 0.5 lbs

STANDARD "H" ATTACHMENTS:
(Capacity 125 pounds)

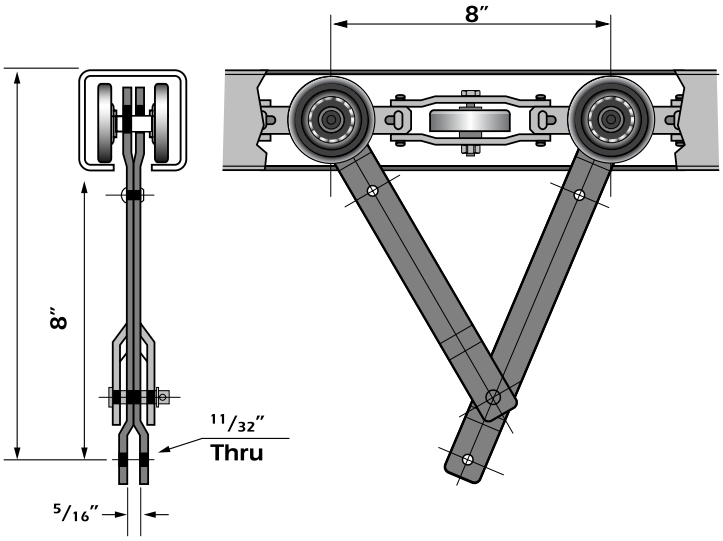
The standard "H" attachment attaches directly to the chain load wheel axle. The scissor-like action allows for easy installation anywhere on the line and is locked into position by the carrier clevis bolt.



AC 8366 RIGID "H" ATT. ASSEMBLY
Weight: 1 lb

RIGID "H" ATTACHMENT:
(Capacity 75 Pounds)

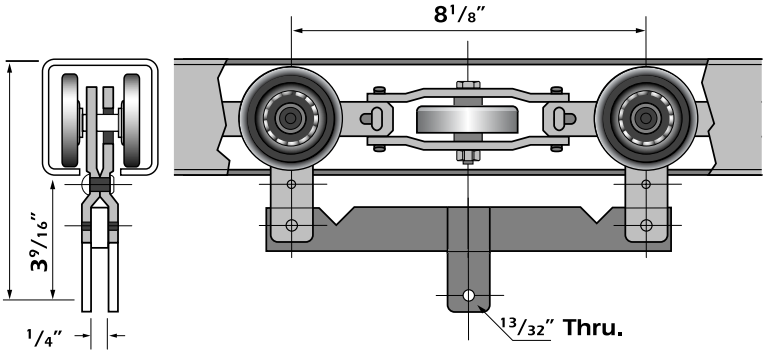
When installed, this attachment remains perpendicular to the chain at all times. The additional clevis hole allows the carrier to stay fixed in a rigid position.



AC 8041 EXTENDED "H" ATTACHMENT
Weight: 2 lbs

EXTENDED "H" ATTACHMENT:
(Capacity 125 Pounds)
(Minimum Radius 24")

This attachment is primarily used on conveyors with vertical travel to hold the load or carrier away from the track.



AC 8007 LOAD BAR ASSEMBLY

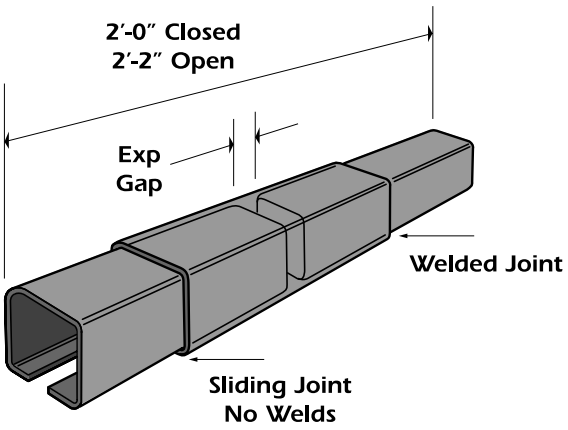
LOAD BAR:
(Capacity 200 Pounds)

Load bars suspended from two "H" attachments are recommended for increasing the capacity of trolleys.

TRACK EXPANSION JOINTS:
(Building and Ovens)

Formed steel sliding expansion joints are available for oven conveyors and are usually required where temperatures exceed 200°F.

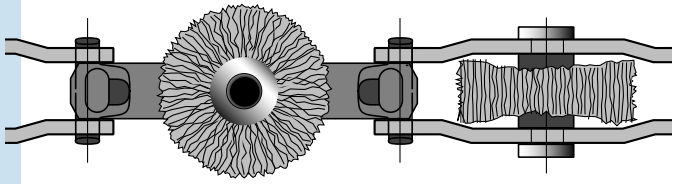
The rate of expansion of track in ovens is .000078" per foot of length for 1°F of temperature rise.



AC 8030 EXPANSION JOINT
Weight: 10 lbs

IN-LINE TRACK CLEANER:

This track cleaner installs in minutes and will become an integral part of the conveyor chain. The unit travels throughout the entire system, automatically cleaning the track.



AC 8370
IN-LINE TRACK CLEANER

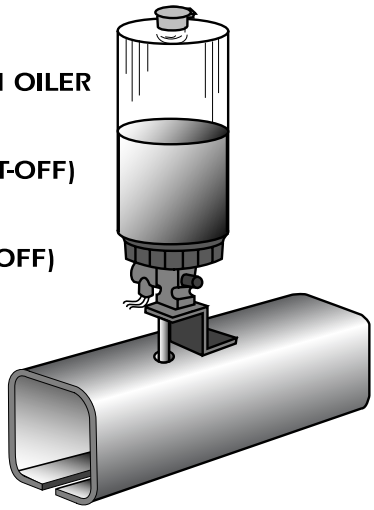
BRUSH TYPE CHAIN OILER:

This oiler comes in two models: auto shut-off solenoid and manual on-off control. Due to the small quantities of oil required for enclosed track conveyors, timer-controlled units are recommended for the precise application of oil. Manually-controlled oilers are available but not recommended unless continuous lubrication is desired. This oiler comes pre-mounted to a standard track section.

BRUSH TYPE CHAIN OILER

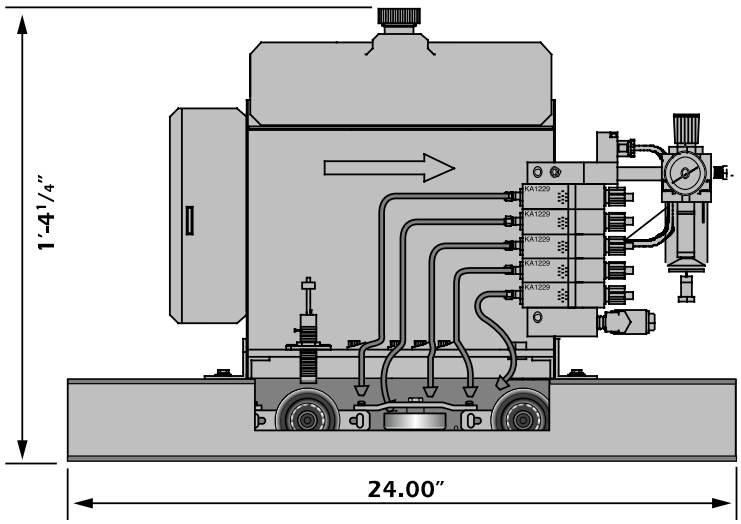
AC 8035
(AUTOMATIC SHUT-OFF)

AC 8036
(MANUAL SHUT-OFF)



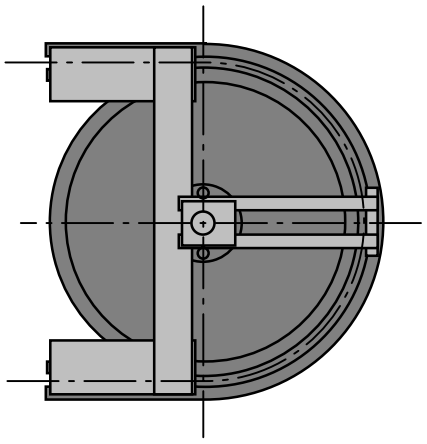
AUTOMATIC 5 POINT LUBRICATOR:

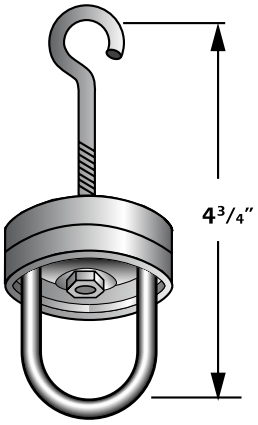
The automatic lubricator is designed to deliver precise oil to chain pins and wheels. It is pneumatically operated and electrically controlled for complete automatic operation. The unit comes fully equipped with an oil reservoir, air line regulator and gauge, and a 168-hour timer, which is used to program lubrication cycles. The lubricator comes premounted to a standard track section.



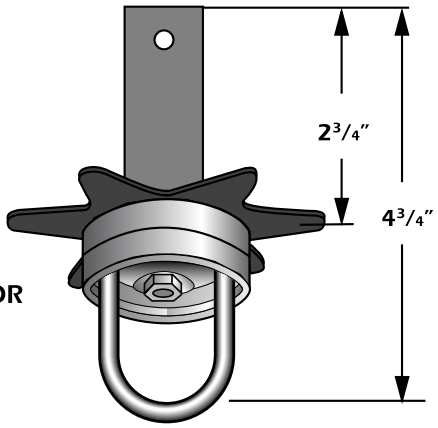
AC 8037 AUTOMATIC 5 POINT LUBRICATOR
Weight: 60 lbs

(WEIGHT: 150 LBS)

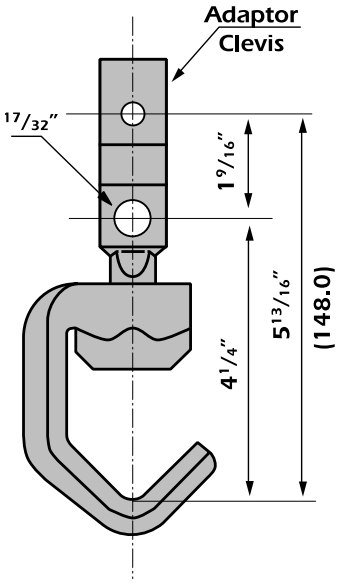




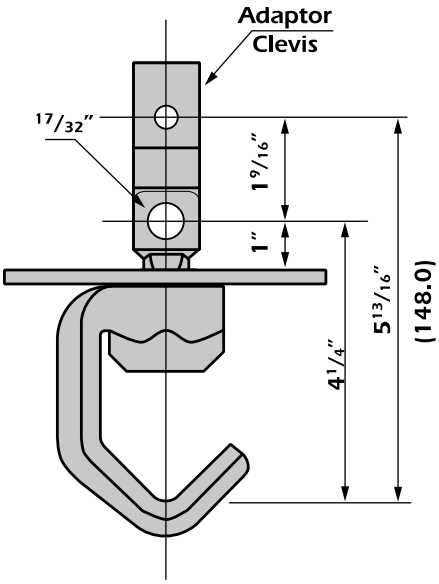
AC 1546 SWIVEL ROTATOR



AC 1545 SWIVEL ROTATOR
C/W 6 POINT STAR



AC 8140
90° INDEXER HOOK
CAPACITY 150 POUNDS



AC 8139
90° INDEXER HOOK
C/W 4 POINT STAR
CAPACITY 150 POUNDS

TRACTION WHEELS:

The smallest horizontal track turn available for this conveyor is a 24" radius or 48" diameter. If the system layout requires a smaller diameter turn, special traction wheel assemblies can be supplied that feature 18", 24", 30", or 36" diameters, with carbon graphite or tapered roller bearing to suit the application.

SWIVEL ROTATORS:

This free-spinning ball bearing swivel assembly can be rotated by hand or automatically rotated at any point on the system with the installation of a rub rail.

SWIVEL ROTATOR C/W 6 POINT STAR:

The addition of the 6 point star provides positive rotation.

90 DEGREE INDEXER HOOK:

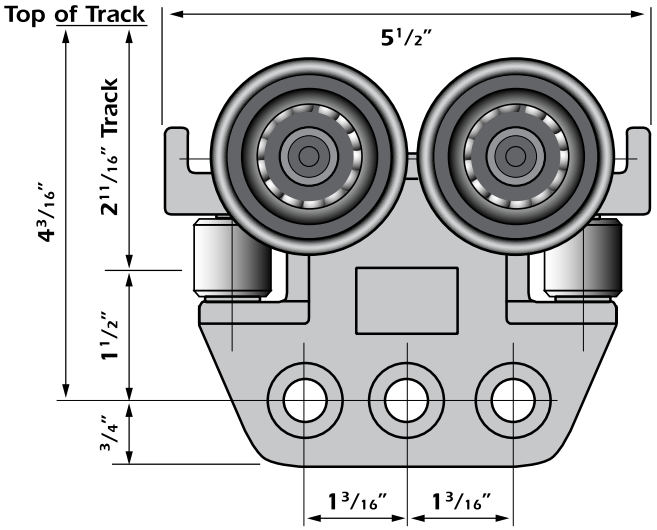
The cast, two-piece cam construction provides 90 degree indexing.

90 DEGREE INDEXER HOOK C/W 4 POINT STAR:

The addition of the 4 point star to the standard hook allows automatic indexing.

HAND PUSHED TROLLEY ASSEMBLY:
(Capacity 250 Pounds)

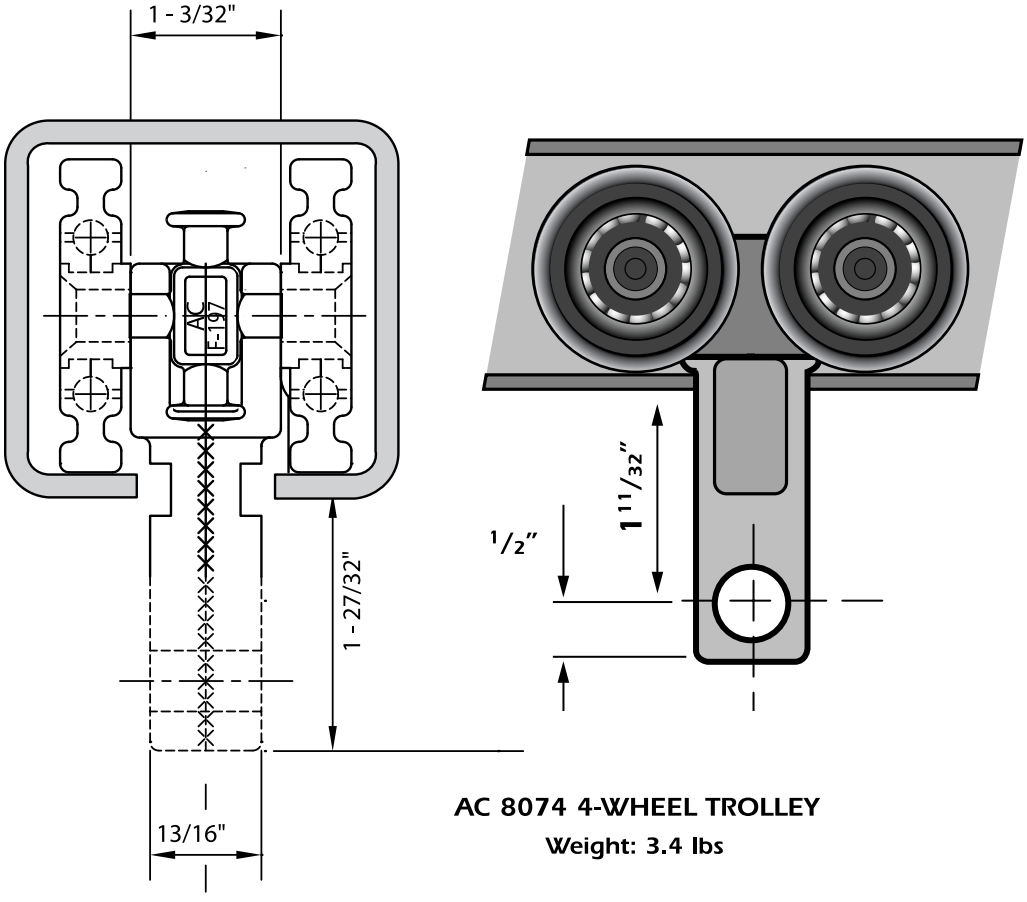
Four ball bearing load wheels with hardened races and two hardened side guide rollers mounted to a one-piece, high strength cast body provide long trolley life under adverse conditions.



AC 8040 4 WHEEL HAND PUSHED TROLLEY
Weight: 6 lbs

4-WHEEL TROLLEY:
(Capacity 250 pounds)

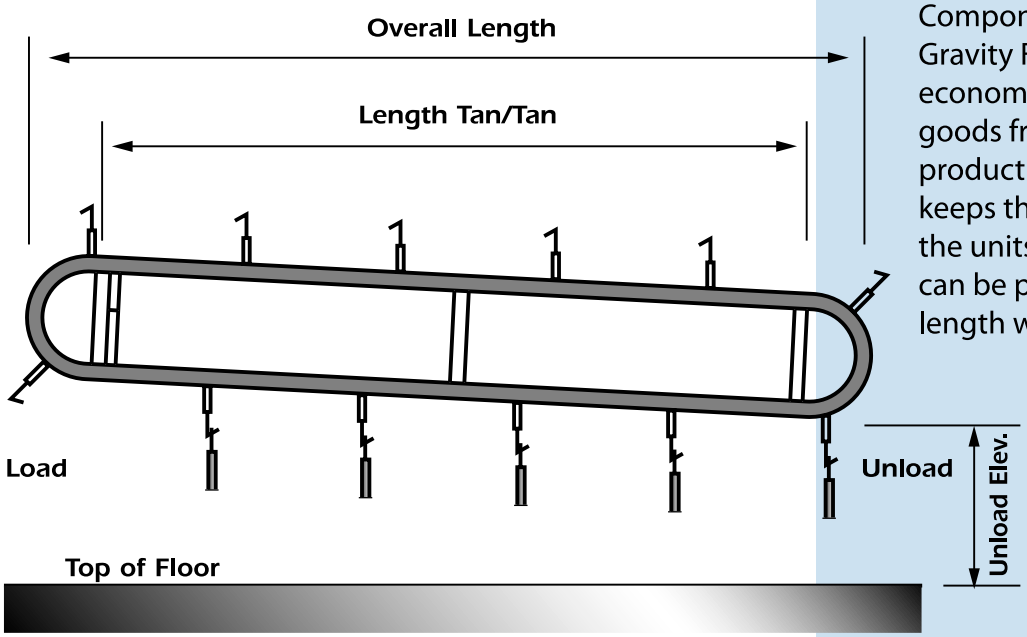
Four ball bearing load wheels with hardened races can be built into the SRS 8000 series chain to handle heavy loads.



AC 8074 4-WHEEL TROLLEY
Weight: 3.4 lbs

GRAVITY FLOW MONORAIL:

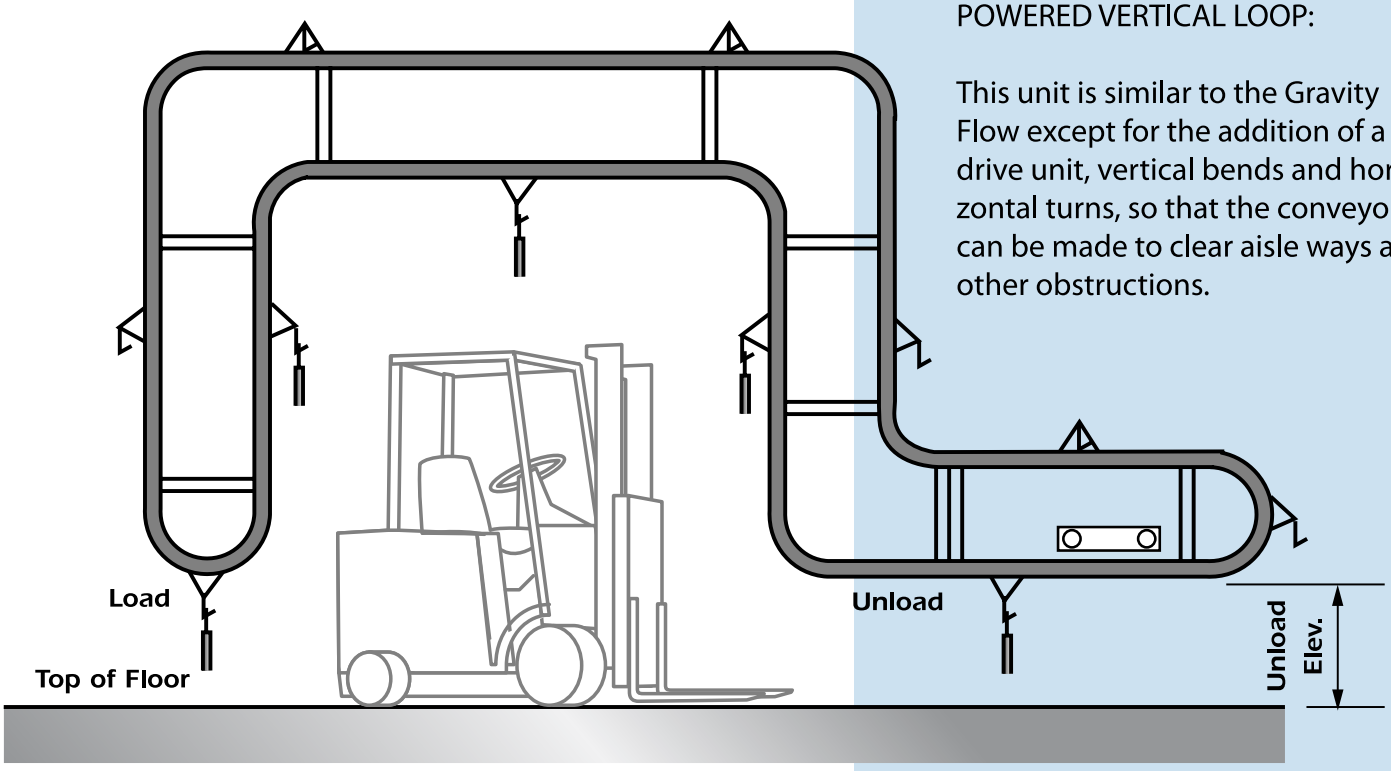
Components can be made up into Gravity Flow Monorail for economical storage and transfer of goods from sub-assembly to main production lines. The use of gravity keeps the price and maintenance of the units to a minimum. These units can be pre-assembled up to 40' 0" in length with the chain installed.



GRAVITY FLOW MONOVEYOR

POWERED VERTICAL LOOP:

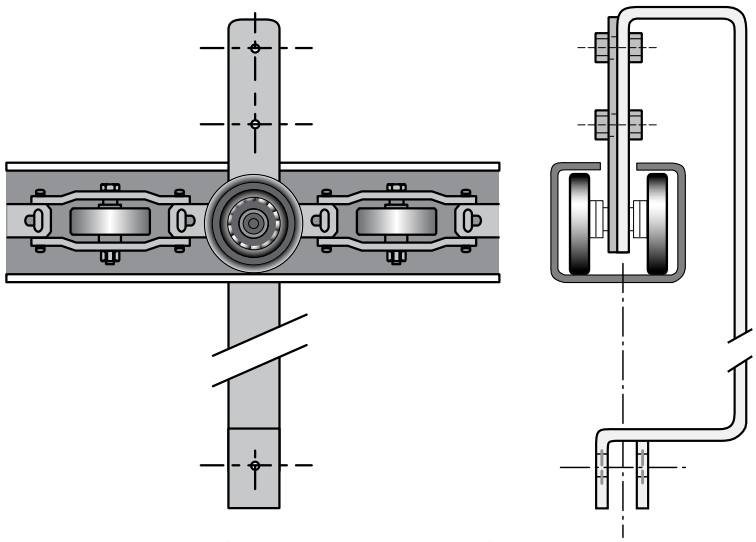
This unit is similar to the Gravity Flow except for the addition of a drive unit, vertical bends and horizontal turns, so that the conveyor can be made to clear aisle ways and other obstructions.



POWERED VERTICAL LOOP CONVEYOR

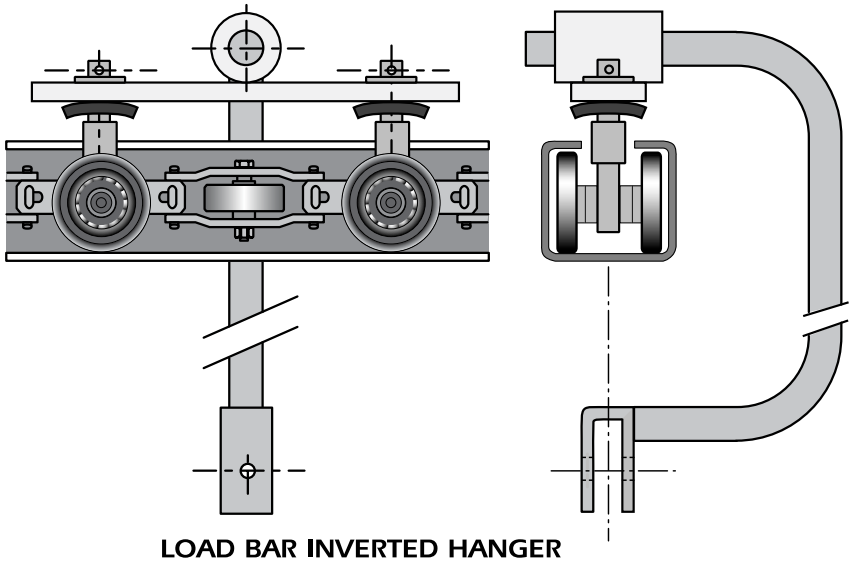
INVERTED POWER CONVEYOR:

This enclosed track can be inverted to protect product from contamination, thus eliminating the need for sanitary pans. This unit is particularly useful in clean-room applications.

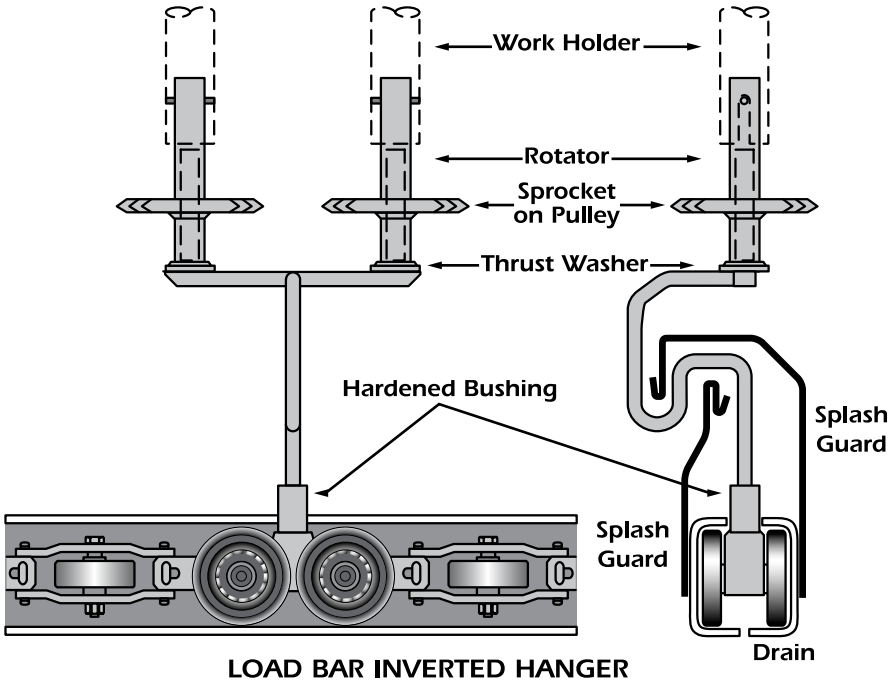


SINGLE INVERTED HANGER
CAPACITY: 125 LBS

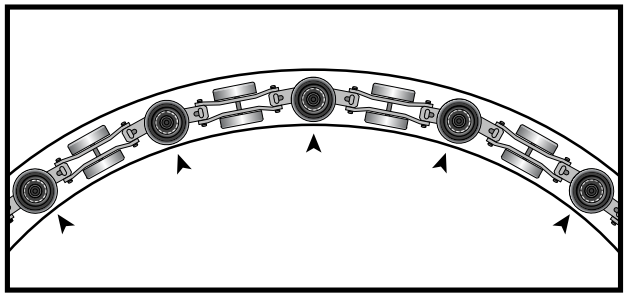
Enclosed track shown inverted and used as a spindle conveyor.



LOAD BAR INVERTED HANGER
CAPACITY: 250 LBS

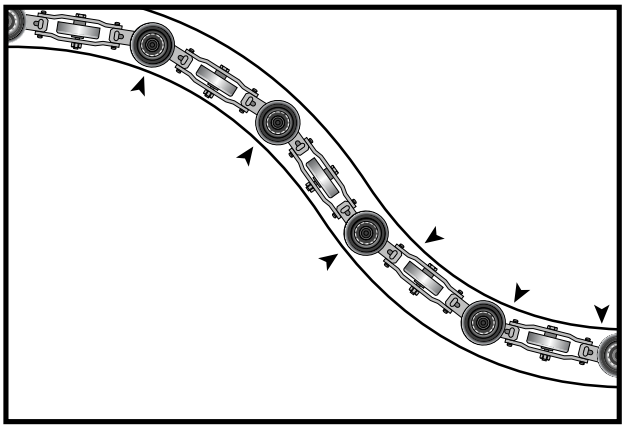


LOAD BAR INVERTED HANGER
CAPACITY: 250 LBS



HORIZONTAL TURNS:

This horizontal turn with the top removed illustrates how the chain passes around the curve. The lateral wheels ride on the side of the track, which guides the chain smoothly around a horizontal turn without the use of special guides, traction wheels or roller turns.



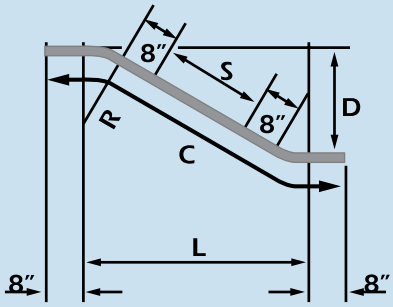
VERTICAL CURVES:

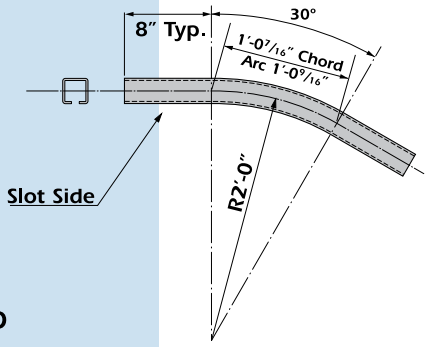
This compound vertical curve with one side removed illustrates how the vertical chain wheels contact the top of the lower curve and the bottom of the upper curve.

STANDARD TRACK CURVES:

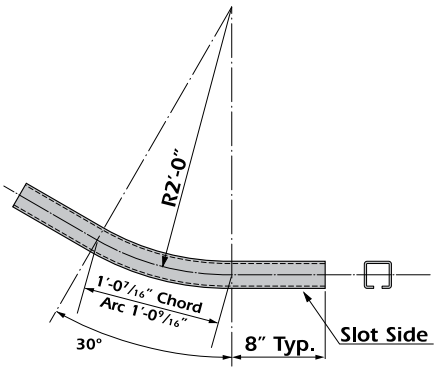
All horizontal turns and vertical curves illustrated are available in stock for immediate delivery. Special radius or degree turns can be fabricated to-order. For turns or curves smaller than 24" radius, horizontal traction wheels can be furnished. Both horizontal turns and vertical curves are heat treated to RC35-40 in areas of wheel contact to ensure a hard, tough surface for added anti-wear qualities. Standard turns are fabricated with 8 inches of straight track on each end.

VERTICAL BENDS
30° CURVE





AC 8026 UPPER VERTICAL CURVE 2'-0" RAD. X 30°



AC 8029 LOWER VERTICAL CURVE 2'-0" RAD. X 30°

2'0" RADIUS X 30 DEGREES

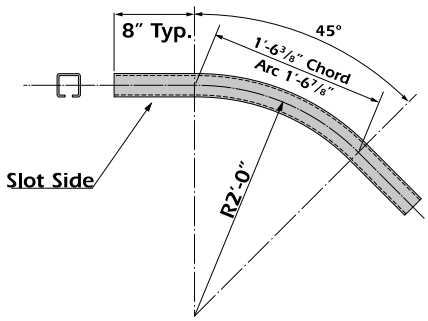
DROP	S	L	C
1'-2-3/8"	0	3'-1-7/8"	4'-9-1/8"
1'-6"	0'-7-1/8"	3'-8"	5'-4-1/4"
1'-9"	1'-1-1/8"	4'-1-1/4"	5'-10-1/4"
2'-0"	1'-7-1/8"	4'-6-3/8"	6'-4-1/4"
2'-3"	2'-1-1/8"	4'-11-5/8"	6'-10-1/4"
2'-6"	2'-7-1/8"	5'-4-7/8"	7'-4-1/4"
2'-9"	3'-1-1/8"	5'-10"	7'-10-1/4"
3'-0"	3'-7-1/8"	6'-3-1/4"	8'-4-1/4"
3'-6"	4'-7-1/8"	7'-1-5/8"	9'-4-1/4"
4'-0"	5'-7-1/8"	8'-0"	10'-4-1/4"
4'-6"	6'-7-1/8"	8'-10-3/8"	11'-4-1/4"
5'-0"	7'-7-1/8"	9'-8-3/4"	12'-4-1/4"
5'-6"	8'-7-1/8"	10'-7-1/8"	13'-4-1/4"
6'-0"	9'-7-1/8"	11'-5-5/8"	14'-4-1/4"
6'-6"	10'-7-1/8"	12'-4"	15'-4-1/4"
7'-0"	11'-7-1/8"	13'-2-3/8"	16'-4-1/4"
7'-6"	12'-7-1/8"	14'-0-3/4"	17'-4-1/4"
8'-0"	13'-7-1/8"	14'-11-1/8"	18'-4-1/4"
8'-6"	14'-7-1/8"	15'-9-1/2"	19'-4-1/4"
9'-0"	15'-7-1/8"	16'-7-7/8"	20'-4-1/4"
9'-6"	16'-7-1/8"	17'-6-3/8"	21'-4-1/4"
10'-0"	17'-7-1/8"	18'-4-3/4"	22'-4-1/4"
10'-6"	18'-7-1/8"	19'-3-1/8"	23'-4-1/4"
11'-0"	19'-7-1/8"	20'-1-1/2"	24'-4-1/4"
11'-6"	20'-7-1/8"	20'-11-7/8"	25'-4-1/4"
12'-0"	21'-7-1/8"	21'-10-1/4"	26'-4-1/4"
12'-6"	22'-7-1/8"	22'-8-5/8"	27'-4-1/4"

3'0" RADIUS X 30 DEGREES

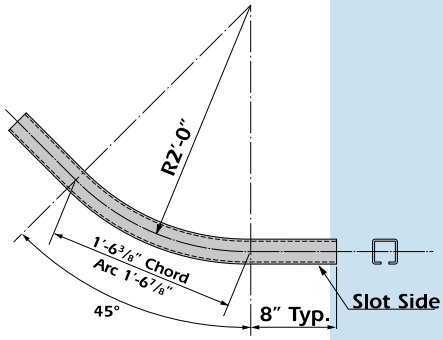
DROP	S	L	C
1'-5-5/8"	0	4'-1-7/8"	5'-9-3/4"
1'-9"	0'-6-3/4"	4'-7-5/8"	6'-4-3/8"
2'-0"	1'-0-3/4"	5'-0-7/8"	6'-10-3/8"
2'-3"	1'-6-3/4"	5'-6"	7'-4"
2'-6"	2'-0-3/4"	5'-11-1/4"	7'-10-3/8"
2'-9"	2'-6-3/4"	6'-4-1/2"	8'-4-3/8"
3'-0"	3'-0-3/4"	6'-9-5/8"	8'-10-3/8"
3'-6"	4'-0-3/4"	7'-8"	9'-10-3/8"
4'-0"	5'-0-3/4"	8'-6-3/8"	10'-10-3/8"
4'-6"	6'-0-3/4"	9'-4-7/8"	11'-10-3/8"
5'-0"	7'-0-3/4"	10'-3-1/4"	12'-10-3/8"
5'-6"	8'-0-3/4"	11'-1-5/8"	13'-10-3/8"
6'-0"	9'-0-3/4"	12'-0"	14'-10-3/8"
6'-6"	10'-0-3/4"	12'-10-3/8"	15'-10-3/8"
7'-0"	11'-0-3/4"	13'-8-3/4"	16'-10-3/8"
7'-6"	12'-0-3/4"	14'-7-1/8"	17'-10-3/8"
8'-0"	13'-0-3/4"	15'-5-5/8"	18'-10-3/8"
8'-6"	14'-0-3/4"	16'-4"	19'-10-3/8"
9'-0"	15'-0-3/4"	17'-2-3/8"	20'-10-3/8"
9'-6"	16'-0-3/4"	18'-0-3/4"	21'-10-3/8"
10'-0"	17'-0-3/4"	18'-11-1/8"	22'-10-3/8"
10'-6"	18'-0-3/4"	19'-9-1/2"	23'-10-3/8"
11'-0"	19'-0-3/4"	20'-7-7/8"	24'-10-3/8"
11'-6"	20'-0-3/4"	21'-6-3/8"	25'-10-3/8"
12'-0"	21'-0-3/4"	22'-4-3/4"	26'-10-3/8"
12'-6"	22'-0-3/4"	23'-3-1/8"	27'-10-3/8"

NOTE: All horizontal and vertical turns are heat treated on the contact surface to RC35-40.

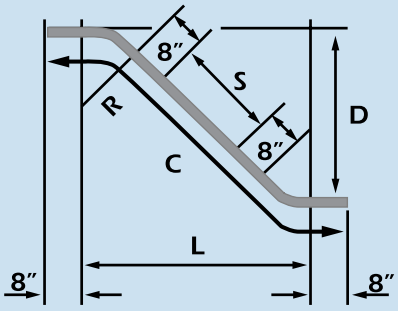
VERTICAL BENDS
45° CURVE



AC 8025 UPPER VERTICAL
CURVE 2'-0" RAD. X 45°



AC 8028 LOWER VERTICAL
CURVE 2'-0" RAD. X 45°



2'0" RADIUS X 45 DEGREES

DROP	S	L	C
2'-3"	0'-2-1/4"	3'-10-7/8"	6'-0"
2'-6"	0'-6-1/2"	4'-1-7/8"	6'-4-1/4"
2'-9"	0'-10-3/4"	4'-4-7/8"	6'-8-1/2"
3'-0"	1'-3"	4'-7-7/8"	7'-0-3/4"
3'-6"	1'-11-1/2"	5'-1-7/8"	7'-9-1/4"
4'-0"	2'-8"	5'-7-7/8"	8'-5-3/4"
4'-6"	3'-4-1/2"	6'-1-7/8"	9'-2-1/8"
5'-0"	4'-1"	6'-7-7/8"	9'-10-5/8"
5'-6"	4'-9-1/2"	7'-1-7/8"	10'-7-1/8"
6'-0"	5'-6"	7'-7-7/8"	11'-3-5/8"
6'-6"	6'-2-3/8"	8'-1-7/8"	12'-0-1/8"
7'-0"	6'-10-7/8"	8'-7-7/8"	12'-8-5/8"
7'-6"	7'-7-3/8"	9'-1-7/8"	13'-5-1/8"
8'-0"	8'-3-7/8"	9'-7-7/8"	14'-1-5/8"
8'-6"	9'-0-3/8"	10'-1-7/8"	14'-10-1/8"
9'-0"	9'-8-7/8"	10'-7-7/8"	15'-6-1/2"
9'-6"	10'-5-3/8"	11'-1-7/8"	16'-3"
10'-0"	11'-1-7/8"	11'-7-7/8"	16'-11-1/2"
10'-6"	11'-10-1/4"	12'-1-7/8"	17'-8"
11'-0"	12'-6-3/4"	12'-7-7/8"	18'-4-1/2"
11'-6"	13'-3-1/4"	13'-1-7/8"	19'-1"
12'-0"	13'-11-3/4"	13'-7-7/8"	19'-9-1/2"
12'-6"	14'-8-1/4"	14'-1-7/8"	20'-6"

Min. Drop is 2'-1-3/8" where S = 0
L = 3'-9-1/4"
C = 5'-9-3/4"

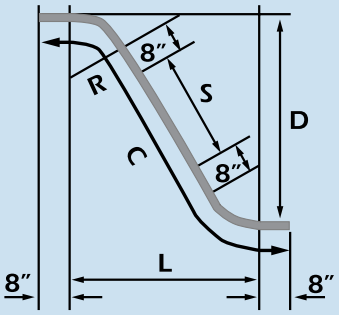
3'0" RADIUS X 45 DEGREES

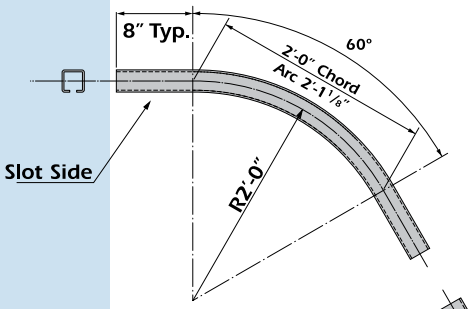
DROP	S	L	C
3'-0"	0'-5-1/8"	5'-5-7/8"	7'-9-5/8"
3'-6"	1'-1-5/8"	5'-11-7/8"	8'-6-1/8"
4'-0"	1'-10"	6'-5-7/8"	9'-2-5/8"
4'-6"	2'-6-1/2"	6'-11-7/8"	9'-11-1/8"
5'-0"	3'-3"	7'-5-7/8"	10'-7-5/8"
5'-6"	3'-11-1/2"	7'-11-7/8"	11'-4-1/8"
6'-0"	4'-8"	8'-5-7/8"	12'-0-1/2"
6'-6"	5'-4-1/2"	8'-11-7/8"	12'-9"
7'-0"	6'-1"	9'-5-7/8"	13'-5-1/2"
7'-6"	6'-9-1/2"	9'-11-7/8"	14'-2"
8'-0"	7'-6"	10'-5-7/8"	14'-10-1/2"
8'-6"	8'-2-3/8"	10'-11-7/8"	15'-7"
9'-0"	8'-10-7/8"	11'-5-7/8"	16'-3-1/2"
9'-6"	9'-7-3/8"	11'-11-7/8"	17'-0"
10'-0"	10'-3-7/8"	12'-5-7/8"	17'-8-3/8"
10'-6"	11'-0-3/8"	12'-11-7/8"	18'-4-7/8"
11'-0"	11'-8-7/8"	13'-5-7/8"	19'-1-3/8"
11'-6"	12'-5-3/8"	13'-11-7/8"	19'-9-7/8"
12'-0"	13'-1-7/8"	14'-5-7/8"	20'-6-3/8"
12'-6"	13'-10-1/4"	14'-11-7/8"	21'-2-7/8"

Min. Drop is 2'-8-3/8" where S = 0
L = 5'-2-1/4"
C = 7'-4-1/2"

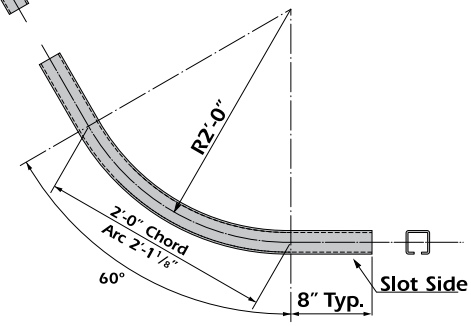
NOTE: All horizontal and vertical turns are heat treated on the contact surface to RC35-40.

VERTICAL BENDS
60° CURVE





AC 8038 UPPER VERTICAL
CURVE 2′-0″ RAD. X 60°



AC 8039 LOWER VERTICAL
CURVE 2′-0″ RAD. X 60°

2′0″ RADIUS X 60 DEGREES

DROP	S	L	C
3′-6″	0′-4-3/4″	4′-4″	7′-3″
4′-0″	0′-11-3/4″	4′-7-3/8″	7′-10″
4′-6″	1′-6-5/8″	4′-10-7/8″	8′-4-7/8″
5′-0″	2′-1-5/8″	5′-2-3/8″	8′-11-7/8″
5′-6″	2′-8-1/2″	5′-5-7/8″	9′-6-3/4″
6′-0″	3′-3-3/8″	5′-9-1/4″	10′-1-3/4″
6′-6″	3′-10-3/8″	6′-0-3/4″	10′-8-5/8″
7′-0″	4′-5-1/4″	6′-4-1/4″	11′-3-1/2″
7′-6″	5′-0-1/4″	6′-7-5/8″	11′-10-1/2″
8′-0″	5′-7-1/8″	6′-11-1/8″	12′-5-3/8″
8′-6″	6′-2-1/8″	7′-2-5/8″	13′-0-3/8″
9′-0″	6′-9″	7′-6-1/8″	13′-7-1/4″
9′-6″	7′-3-7/8″	7′-9-1/2″	14′-2-1/4″
10′-0″	7′-10-7/8″	8′-1″	14′-9-1/8″
10′-6″	8′-5-3/4″	8′-4-1/2″	15′-4″
11′-0″	9′-0-3/4″	8′-7-7/8″	15′-11″
11′-6″	9′-7-5/8″	8′-11-3/8″	16′-5-7/8″
12′-0″	10′-2-5/8″	9′-2-7/8″	17′-0-7/8″
12′-6″	10′-9-1/2″	9′-6-3/8″	17′-7-3/4″

Min. Drop is 3′-1-7/8″ where S = 0
L = 4′-1-5/8″
C = 6′-10-1/4″

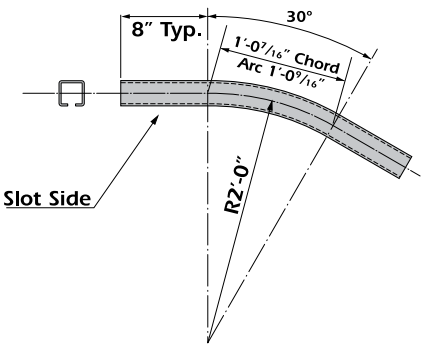
3′0″ RADIUS X 60 DEGREES

DROP	S	L	C
4′-6″	0′-4-3/4″	6′-0-3/4″	9′-4-1/8″
5′-0″	0′-11-3/4″	6′-4-1/4″	9′-11-1/8″
5′-6″	1′-6-5/8″	6′-7-5/8″	10′-6″
6′-0″	2′-1-5/8″	6′-11-1/8″	11′-1″
6′-6″	2′-8-1/2″	7′-2-5/8″	11′-7-7/8″
7′-0″	3′-3-3/8″	7′-6-1/8″	12′-2-7/8″
7′-6″	3′-10-3/8″	7′-9-1/2″	12′-9-3/4″
8′-0″	4′-5-1/4″	8′-1″	13′-4-5/8″
8′-6″	5′-0-1/4″	8′-4-1/2″	13′-11-5/8″
9′-0″	5′-7-1/8″	8′-7-7/8″	14′-6-1/2″
9′-6″	6′-2-1/8″	8′-11-3/8″	15′-1-1/2″
10′-0″	6′-9″	9′-2-7/8″	15′-8-3/8″
10′-6″	7′-3-7/8″	9′-6-3/8″	16′-3-3/8″
11′-0″	7′-10-7/8″	9′-9-3/4″	16′-10-1/4″
11′-6″	8′-5-3/4″	10′-1-1/4″	17′-5-1/8″
12′-0″	9′-0-3/4″	10′-4-3/4″	18′-0-1/8″
12′-6″	9′-7-5/8″	10′-8-1/8″	18′-7″

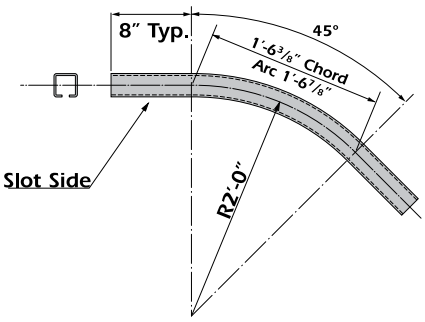
Min. Drop is 4′-1-7/8″ where S = 0
L = 5′-10-3/8″
C = 8′-11-3/8″

NOTE: All horizontal and vertical turns are heat treated on the contact surface to RC35-40.

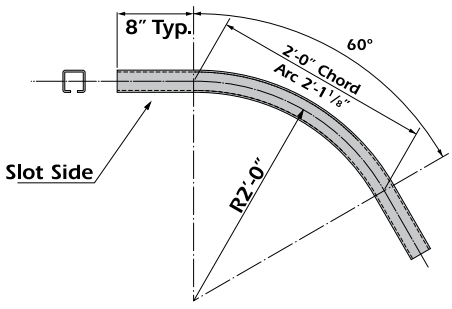
UPPER VERTICAL CURVES



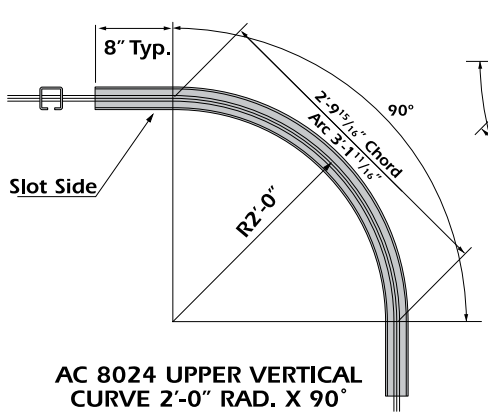
AC 8026 UPPER VERTICAL
CURVE 2'-0" RAD. X 30°



AC 8025 UPPER VERTICAL
CURVE 2'-0" RAD. X 45°

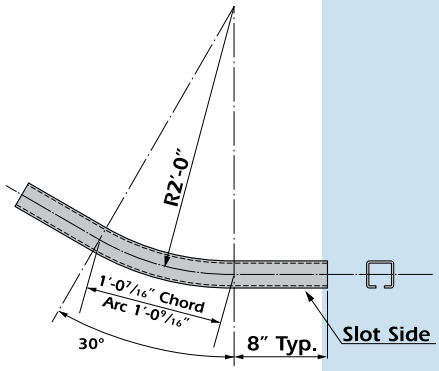


AC 8038 UPPER VERTICAL
CURVE 2'-0" RAD. X 60°

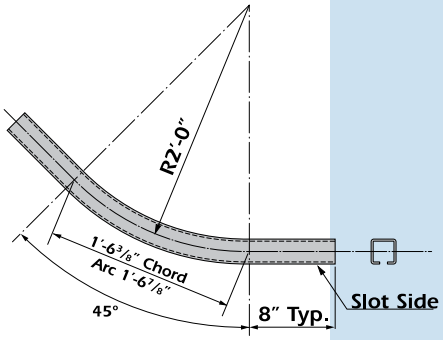


AC 8024 UPPER VERTICAL
CURVE 2'-0" RAD. X 90°

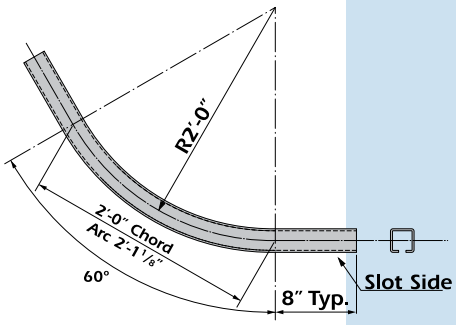
LOWER VERTICAL CURVES



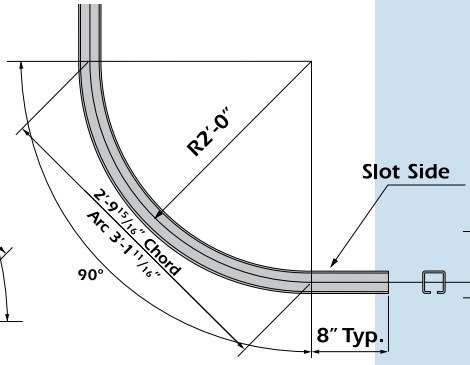
AC 8029 LOWER VERTICAL
CURVE 2'-0" RAD. X 30°



AC 8028 LOWER VERTICAL
CURVE 2'-0" RAD. X 45°

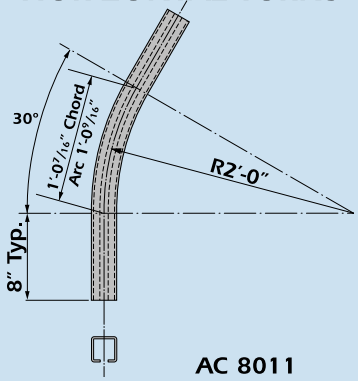


AC 8039 LOWER VERTICAL
CURVE 2'-0" RAD. X 60°

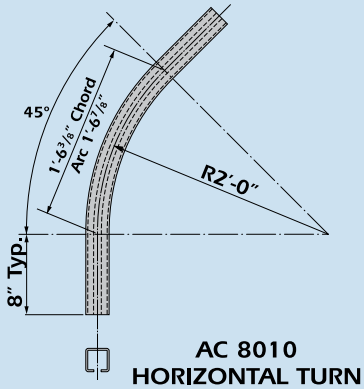


AC 8027 LOWER VERTICAL
CURVE 2'-0" RAD. X 90°

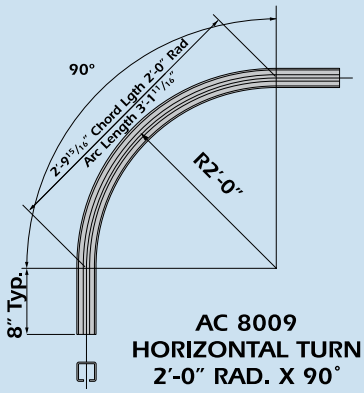
HORIZONTAL TURNS



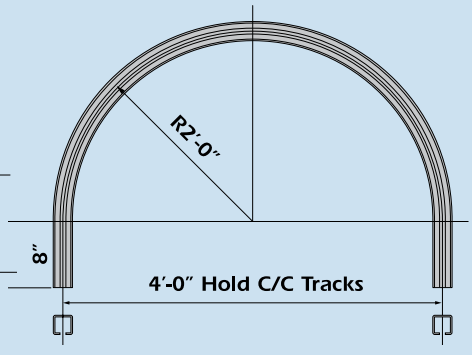
AC 8011
HORIZONTAL TURN
2'-0" RAD. X 30°



AC 8010
HORIZONTAL TURN
2'-0" RAD. X 45°



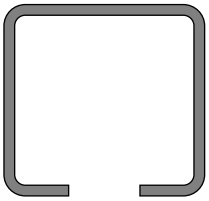
AC 8009
HORIZONTAL TURN
2'-0" RAD. X 90°



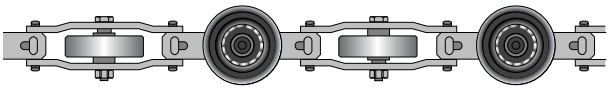
AC 8008 HORIZONTAL TURN
2'-0" RAD. X 180°

The upper and lower vertical curves, as well as horizontal turns, illustrated above are carried in stock. Special radius or degree curves can be fabricated to-order.

NOTE: All horizontal and vertical turns are heat treated on the contact surface to RC35-40.

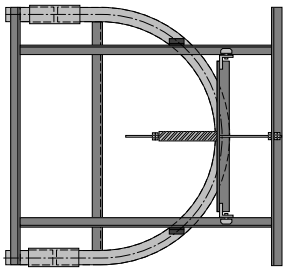


TRACK

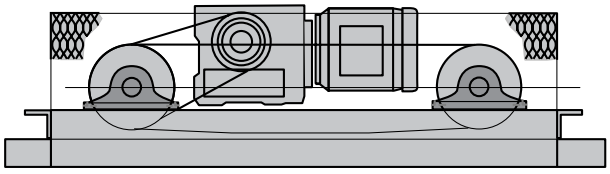


CHAIN

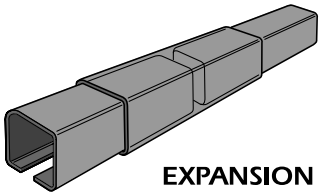
VERTICAL BENDS



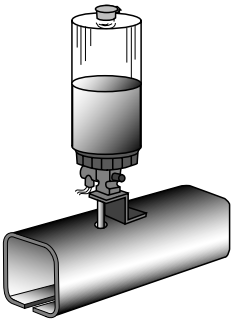
TAKE-UPS



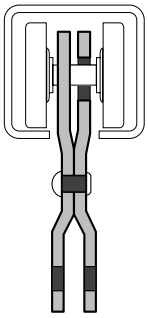
DRIVES



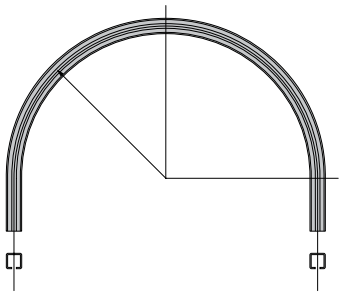
EXPANSION JOINTS



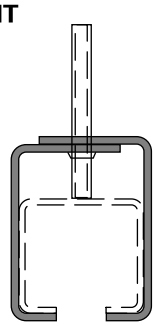
LUBRICATORS



"H" ATTACHMENT



HORIZONTAL TURNS



INSTALLATION CLAMPS

SRS

8000 Series Enclosed Track Standard Components

AC-8001	Straight track (20'0" long)
AC-8368	Chain 8-1/8" Pitch
AC-8369	Master Connecting Link
AC-8367	Pivoting "H" Attachment
AC-8368	Rigid "H" Attachment
AC-8007	Load Bar
AC-8008	2'0" R x 180° Horizontal Turn
AC-8009	2'0" R x 90° Horizontal Turn
AC-8010	2'0" R x 45° Horizontal Turn
AC-8011	2'0" R x 30° Horizontal Turn
AC-8012	2'0" R x 4'0" Spread Spring Type Take-up (8" Travel)
AC-8013	2'0" R x Variable Spread Spring Type Take-up (8" Travel)
AC-8014	1'0" R x 2'0" Spread Vertical Manual Screw Type Take-up
AC-8015	Diameter Traction Wheel
AC-8016	Diameter x 180° Traction Wheel Platform
AC-8017	Traction Wheel Stub Shaft Conventional Type
AC-8018	Traction Wheel Stub Shaft Oven Type
AC-8019	Traction Wheel Hub Conventional Type
AC-8020	Traction Wheel Hub Oven Type
AC-8021	Cat Drive Assembly Variable Speed
AC-8022	Cat Drive Assembly Constant Speed
* **AC-8097**	1'0" R x 180° Lower Vertical Bend
AC-8024	2'0" R x 90° Upper Vertical Curve
AC-8025	2'0" R x 45° Upper Vertical Curve
AC-8026	2'0" R x 30° Upper Vertical Curve
AC-8027	2'0" R x 90° Lower Vertical Curve
AC-8028	2'0" R x 45° Lower Vertical Curve
AC-8029	2'0" R x 30° Lower Vertical Curve
AC-8030	Expansion Joint Assembly
AC-8031	Chain Installation Gate
AC-8032	Chain Inspection Gate
AC-8033	Anti-backup Stop (Inclines)
AC-8034	Anti-runway Stop (Declines) Complete With Limit Switch
AC-8035	Automatic Shut-off Brush Type Chain Lubricator (1 Quart)
AC-8036	Manual Shut-off Brush Type Chain Lubricator (1 Quart)
AC-8037	Automatic 5 Point Chain and Wheel Lubricator (1 Gallon)
AC-8038	2'0" R x 60° Upper Vertical Curve
AC-8039	2'0" R x 60° Lower Vertical Curve
AC-8040	4 Wheel Hand Pushed Trolley
AC-8041	Extended Rigid "H" Attachment

Complete range of bolted and welded installation clamps, headers and hangers are available.

*For gravity flow loops only

Other Products designed, fabricated and installed by SRS are as follows:

- Power & Free Overhead Conveyors
- Garment Conveyors
- Automated Sort Conveyors
- Automated Uniform Conveyors
- Inmate Property Storage Conveyors
- Garment Monorail
- Garment V-Rail
- Soil Monorail
- Horizontal Carousels
- Steam Tunnel Conveyors
- 1-1/2", 2", 3", 4" & 6" Pitch Overhead Conveyors
- 6" & 8" Pitch Enclosed Track Conveyors
- Floor Line Drag Conveyors
- Belt Conveyors
- Spindle Type Conveyors
- Monorail Systems
- Mezzanines
- Pallet Racking
- Overhead Safety Netting

SRS Conveyors offers fully automated traffic logic PLC / panel controls

SRS CONVEYORS

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