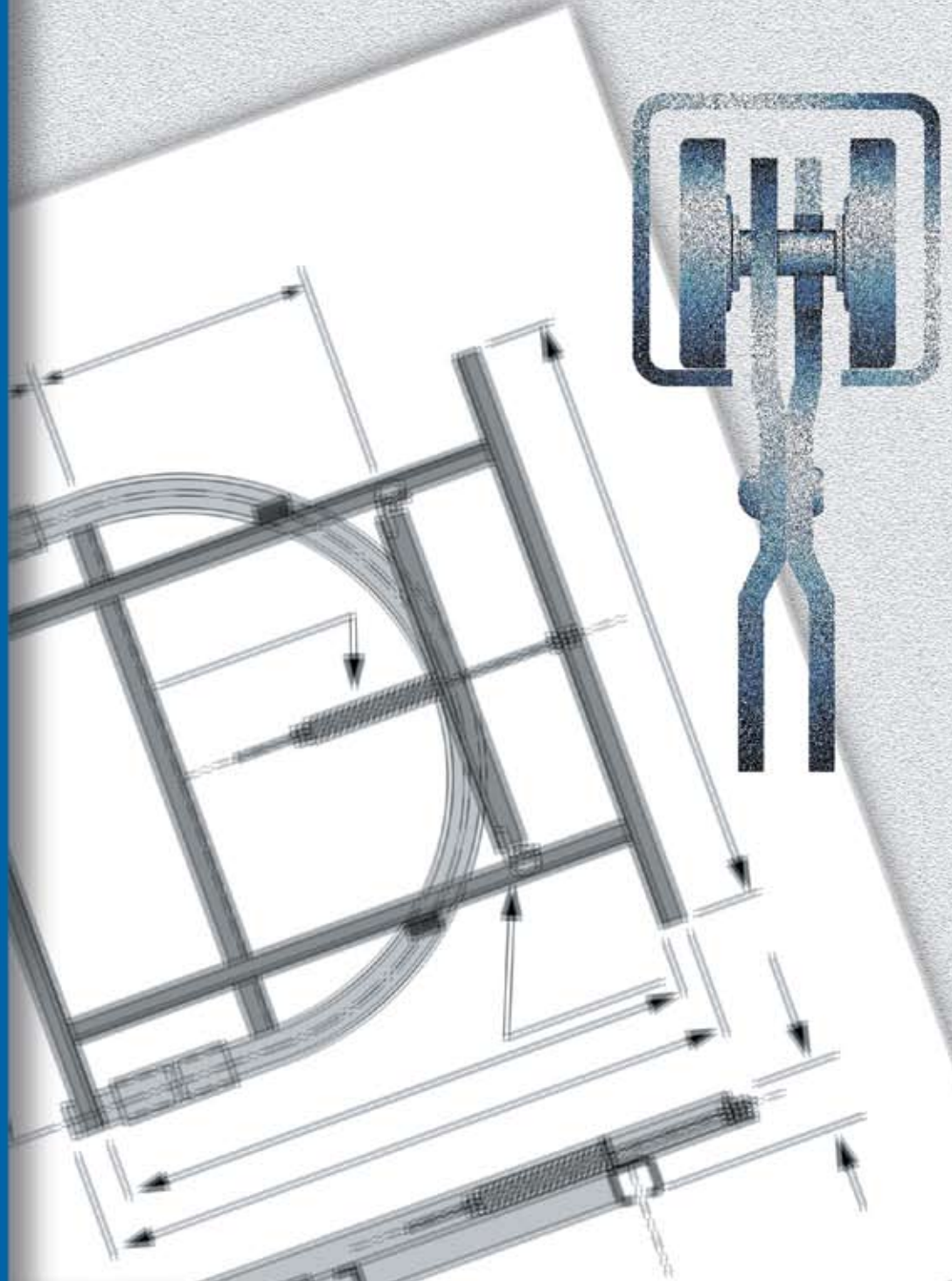




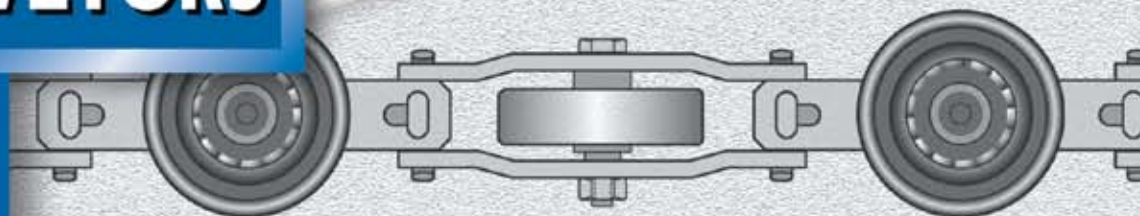
**Allied
Conveyors
Limited**
Manufacturing
Engineers



8000 SERIES

MONOVEYORS

August, 2007



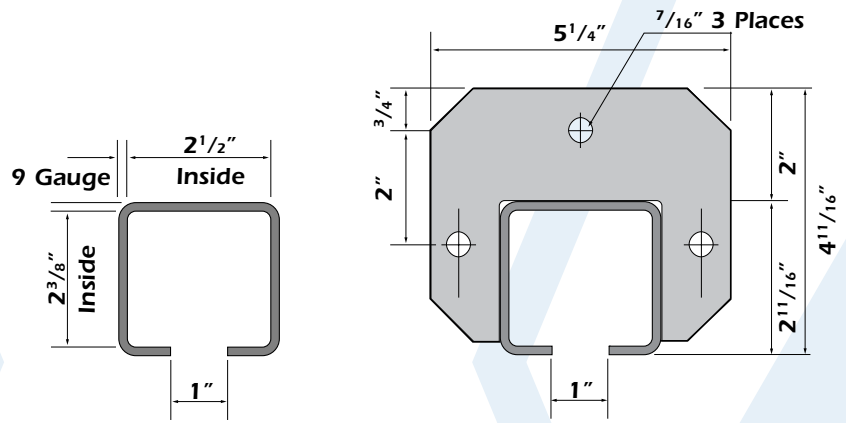
ENCLOSED TRACK:

The track is a square tubular section formed of AISI-SAE 1030 high carbon manganese steel and stocked in 20'-0" lengths.

This track can be saw cut and welded without any special equipment.

Available in Stainless Steel on special order.

All external surfaces of the track are painted grey-blue metallic. If desired end plates can be supplied for bolted installation.

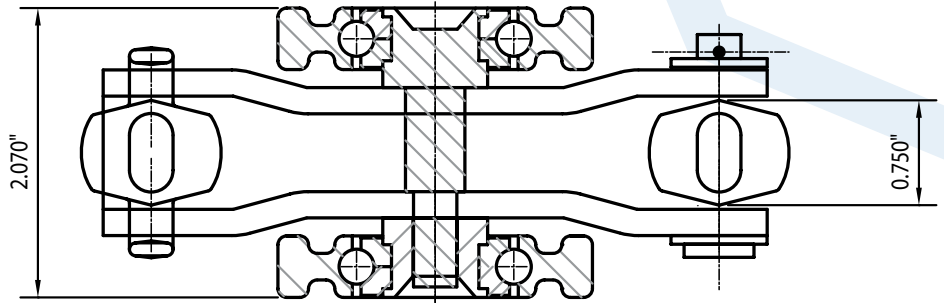


AC 8001 STRAIGHT TRACK SECTION
Weight: 5 lbs per ft.

AC 0868 END PLATE FOR BOLTED CONSTRUCTION

MASTER CONNECTING LINK ASSEMBLY:

For use when the chain must be joined in a straight line.

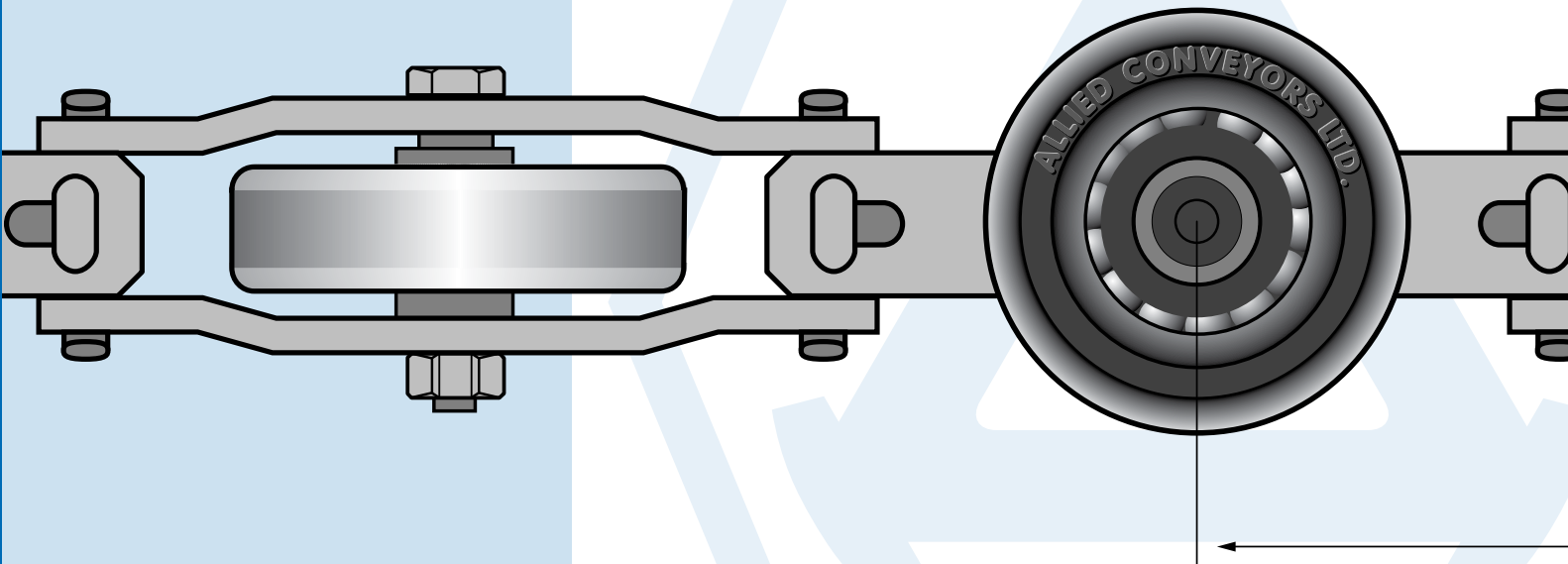


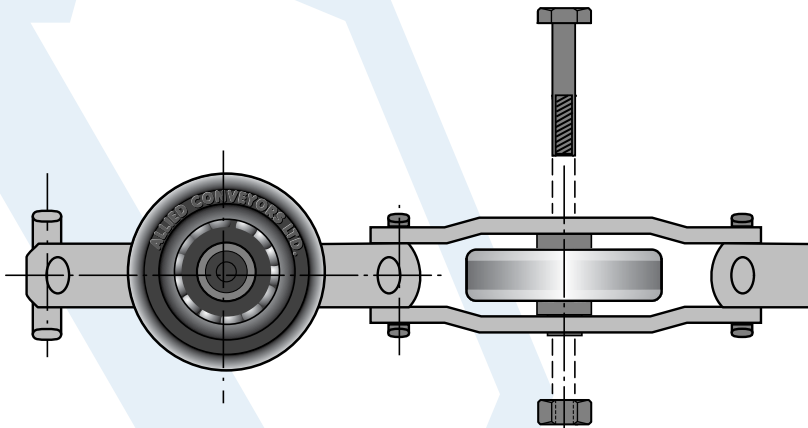
AC 8369 CONNECTING LINK ASSEMBLY

CHAIN PULL:

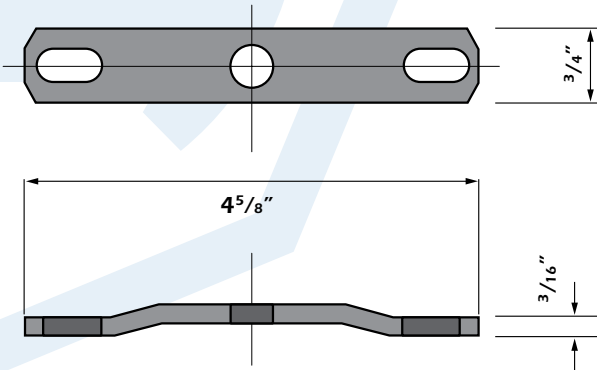
The maximum recommended chain pull should be limited to 750 pounds using a single drive unit, providing a safety factor of 15 to 1 to obtain maximum chain life.

Ultimate tensile strength is 11,500 pounds.

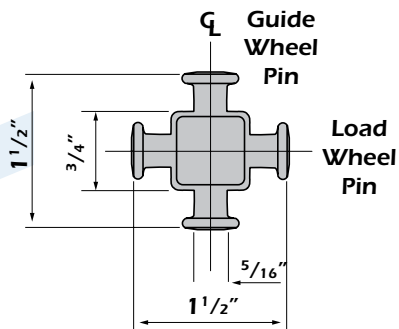




AC 8368 CHAIN ASSEMBLY
Weight: 3.25 lbs per ft.



AC 0935 CHAIN SIDE BAR



AC 0936 CHAIN PIN SYMETRICAL

ASSEMBLY:

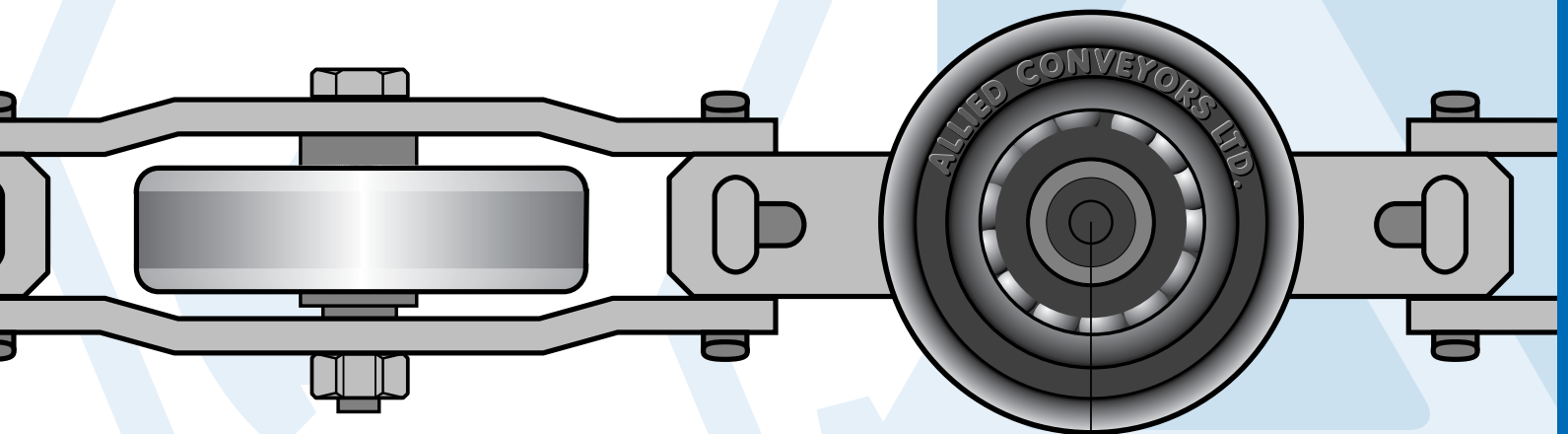
The chain can be readily disassembled at every pitch by removing the axle bolt on the side guide wheel and rotating the link 90 degrees.

SIDE BARS – CHAIN LINK:

Formed chain side bars of AISI-SAE – 1045 high carbon steel. Through hardened and tempered to Rockwell 37 - 47 “C” scale.

CHAIN PINS:

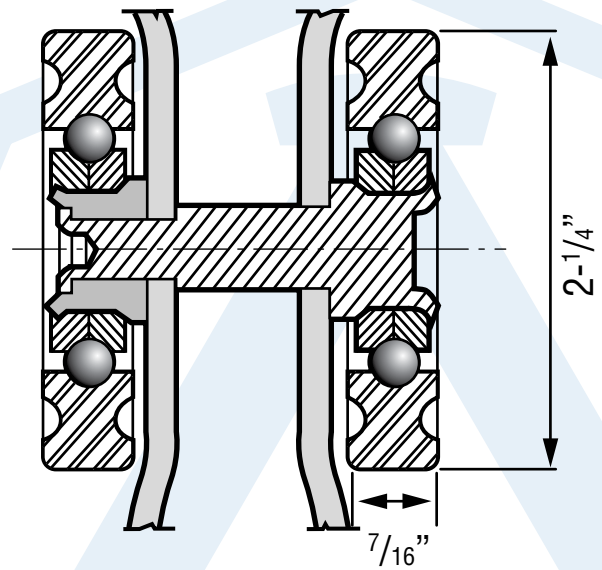
Drop forged from AISI-SAE – 1045 high carbon steel and heat treated to Rockwell 36 - 42 “C” scale. This universal pin allows chain to flex in both directions.



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

LOAD WHEELS:

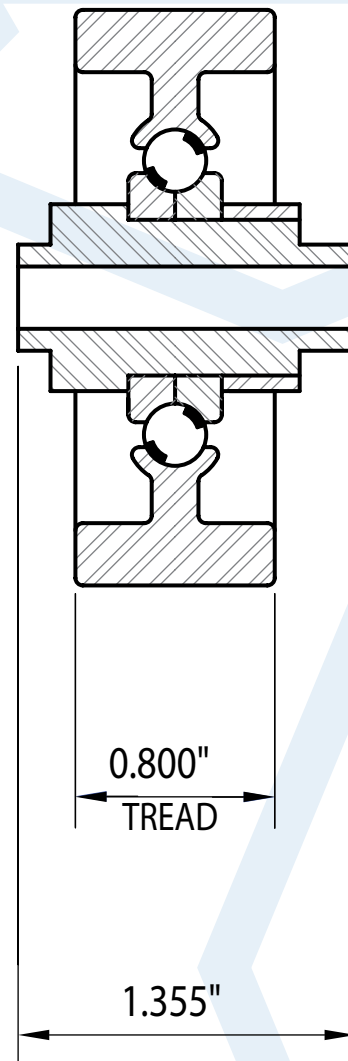
Each pair of load wheels is 2.25" dia. Machined from solid stock with 7/16" face width, heat treated to 58-62 Rockwell "C", having 14 - .250" dia. carbon steel balls (Grade 500).



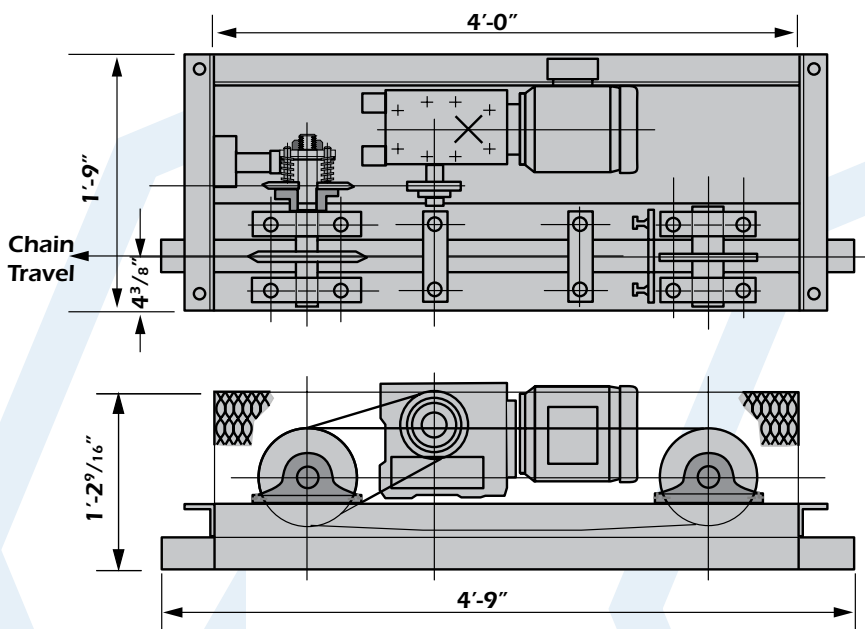
AC 0850-2F LOAD WHEEL

SIDE GUIDE WHEELS:

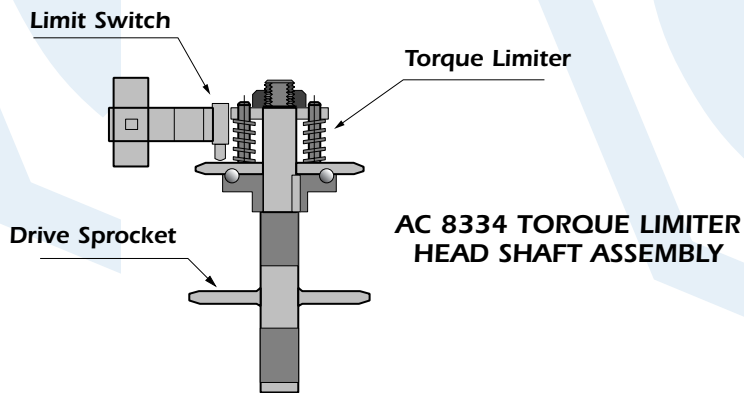
Each guide wheel is 2.31" in dia. with 13/16" face width, heat treated to 58-62 Rockwell "C", hardened, having 14 - .250 dia. carbon steel balls (Grade 500). The greater face width distributes forces over a larger area.



AC 0807-R GUIDE WHEEL



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



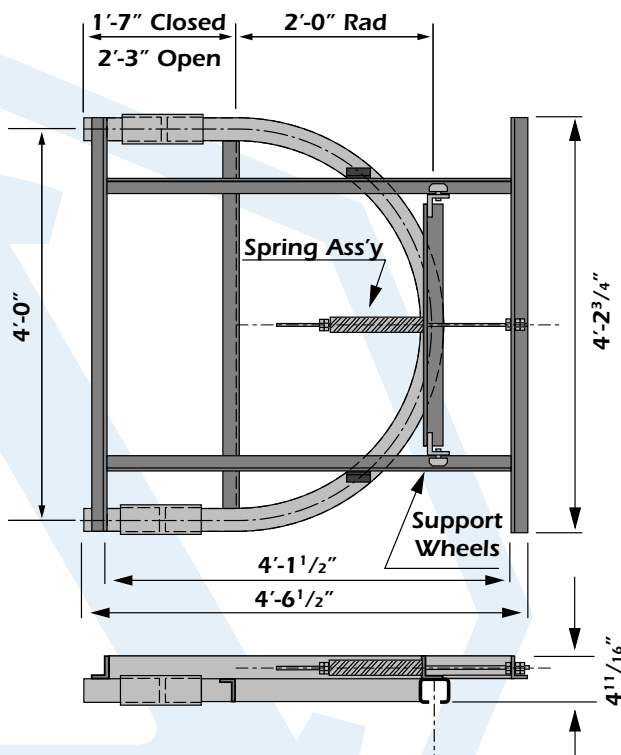
AC 8334 TORQUE LIMITER
HEAD SHAFT ASSEMBLY

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.

ALLIED TORQUE LIMITER:

Overload protection supplied by Allied Torque Limiter used with limit switch to cut off power.



AC 8012 2'-0" R HOR. 8" TRAVEL SPRING T.U.
 Weight: 155 lbs

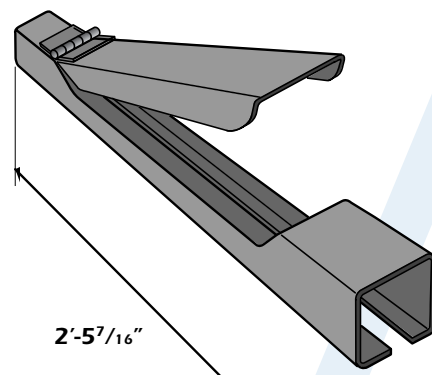
TAKE-UP:

Required on every system to compensate for chain stretch, wear and chain expansion of system if operating in dry off and bake ovens. Take-ups are available using one of four different types of adjustments: manual screw, automatic spring, air cylinder and counterweighted. The standard radius is 2'-0" resulting in a 4'-0" width, however, variable radius and spread can be supplied to suit special requirements.

CHAIN INSPECTION GATE:

(For Maintenance and Inspection)

The track section with hinged panel is designed for chain inspection and maintenance.

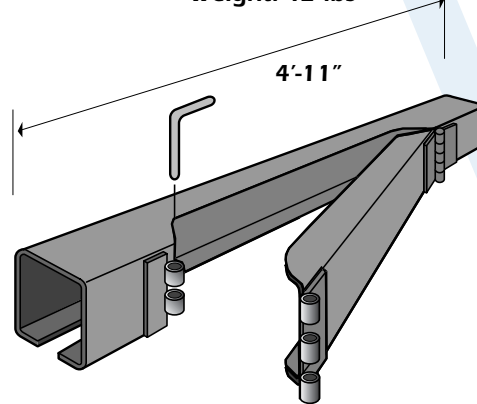


AC 8032 INSPECTION GATE

Weight: 12 lbs

CHAIN INSTALLATION GATE:

This track section is supplied for ease in chain installation and removal.

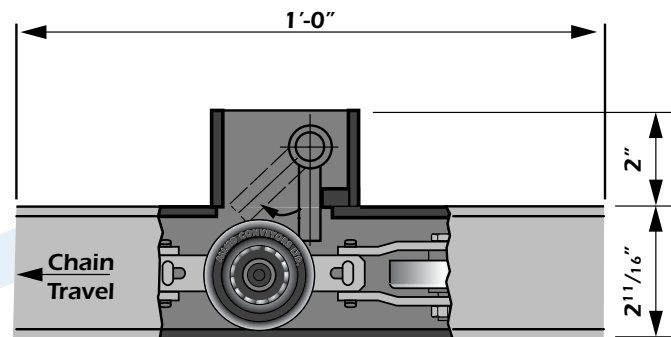


AC 8031 INSTALLATION GATE

Weight: 12 lbs

ANTI-BACK UP SAFETY STOP:

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



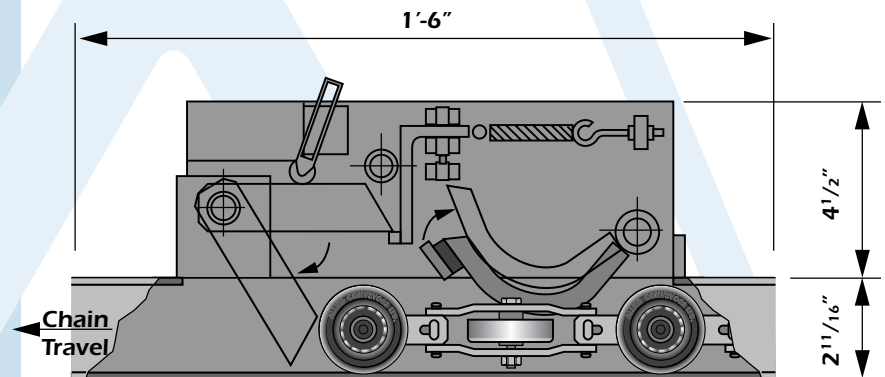
AC 8033 ANTI-BACKUP STOP ASSEMBLY

Weight: 2 lbs

ANTI-RUNAWAY SAFETY STOP:

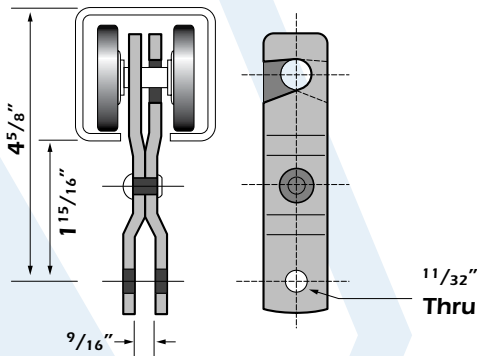
Anti runaway safety stops are recommended on any loaded decline of approx. 5'-0" drop or more. The stop is activated by the conveyor chain accelerating beyond it's design speed.

Can be supplied with limit switch cut out.

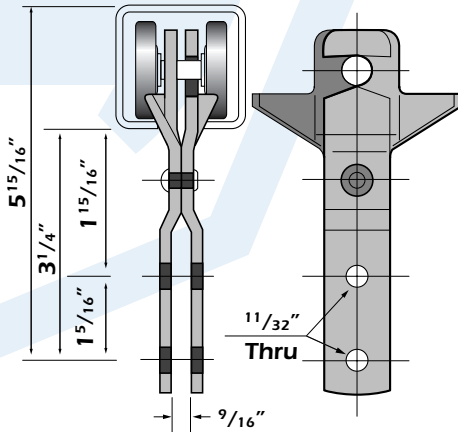


AC 8034 ANTI-RUNAWAY STOP ASSEMBLY

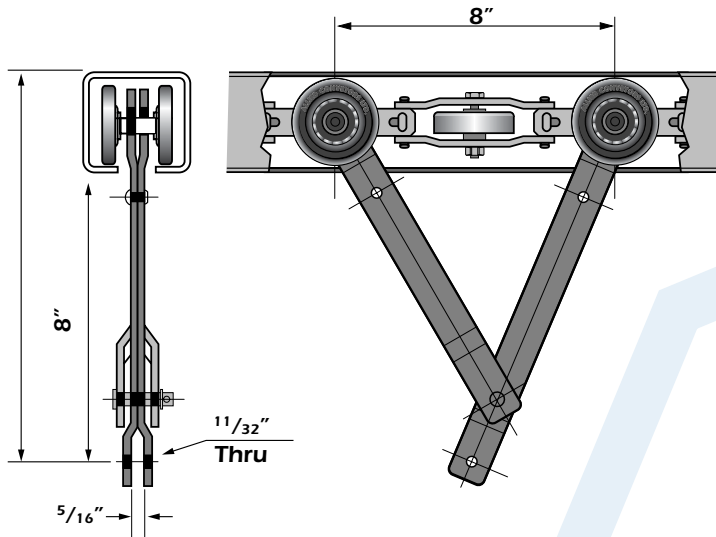
Weight: 15 lbs



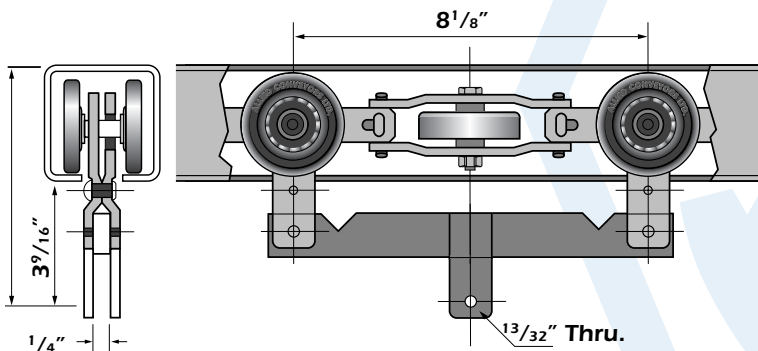
AC 8367 STD "H" ATTACHMENT
Weight: 0.5 lbs



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



AC 8041 EXTENDED "H" ATTACHMENT
Weight: 2 lbs



AC 8007 LOAD BAR ASSEMBLY

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.

RIGID "H" ATTACHMENT:
(Capacity 75 Pounds)

This attachment remains at all times perpendicular to the chain when installed. The additional clevis hole allows the carrier to be fixed in a rigid position.

EXTENDED "H" ATTACHMENT:
(Capacity 125 Pounds)

(Minimum Radius 24")

Primarily used on conveyors with vertical travel to hold the load or carrier away from the track.

LOAD BAR:
(Capacity 200 Pounds)

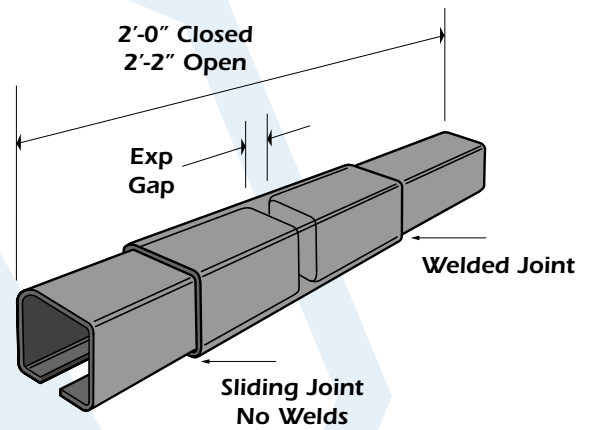
To increase the capacity of the trolleys, load bars are recommended, suspended from two "H" attachments.

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.

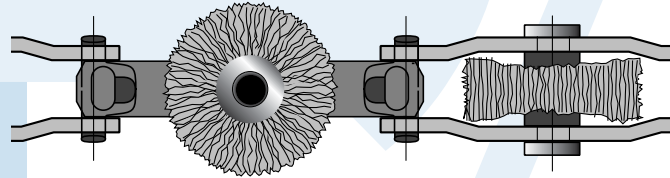
Rate of expansion of track in ovens:
.000078" per foot of length for 1°F of temperature rise.



AC 8030 EXPANSION JOINT
Weight: 10 lbs

IN-LINE TRACK CLEANER:

Installs in minutes and becomes an integral part of the conveyor chain. The unit travels throughout the system automatically cleaning the track.



AC 8370
IN-LINE TRACK CLEANER

BRUSH TYPE CHAIN OILER:

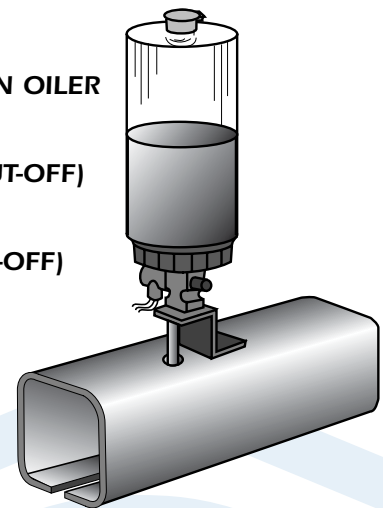
There are two models available, auto shut-off solenoid or manual on-off control. Due to the small quantities of oil required for enclosed track conveyors, timer controlled units are recommended for precise application of oil. Manually controlled oilers are available but not recommended unless continuous lubrication is desired.

Premounted to standard track section.

BRUSH TYPE CHAIN OILER

AC 8035
(AUTOMATIC SHUT-OFF)

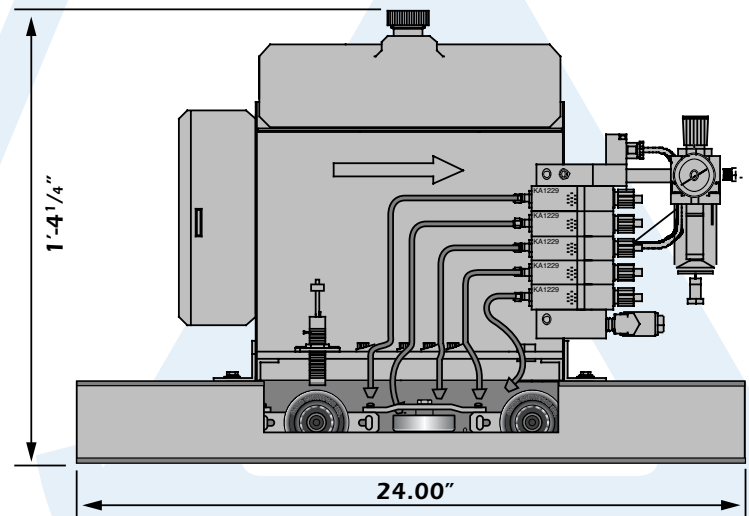
AC 8036
(MANUAL SHUT-OFF)



AUTOMATIC 5 POINT LUBRICATOR:

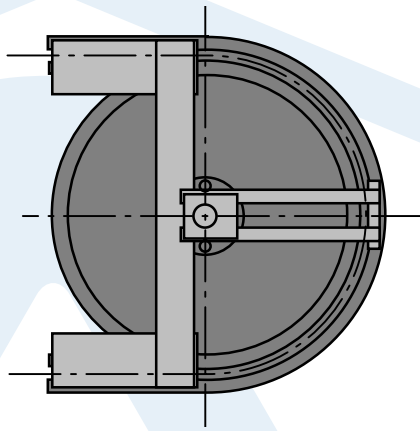
The automatic lubricator is designed to deliver precise oil to the chain pins and wheels. It is pneumatically operated and electrically controlled for complete automatic operation. The unit comes completely equipped with an oil reservoir, air line regulator and gauge, and a 168 hour timer which is used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

Premounted to standard track section.



AC 8037 AUTOMATIC 5 POINT LUBRICATOR
Weight: 60 lbs

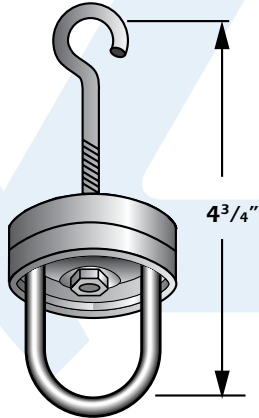
(WEIGHT: 150 LBS)



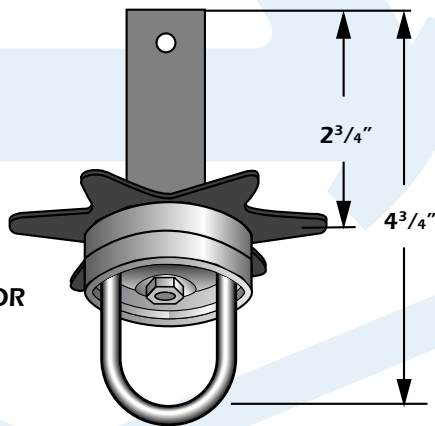
TRACTION WHEELS:

The smallest horizontal track turn available for this conveyor is 24" radius or 48" diameter.

If the system layout requires a smaller diameter turn, special traction wheel assemblies can be supplied having 18", 24", 30", and 36" diameters with carbon graphite or tapered roller bearing to suit the application.



AC 1546 SWIVEL ROTATOR



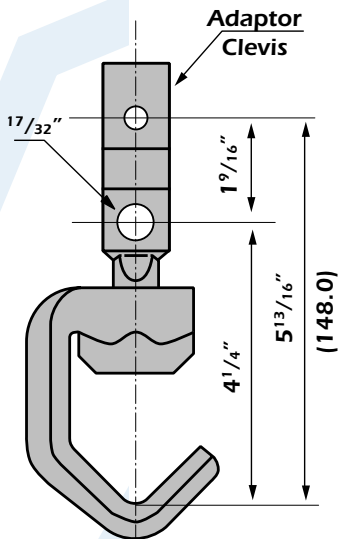
AC 1545 SWIVEL ROTATOR
C/W 6 POINT STAR

SWIVEL ROTATORS:

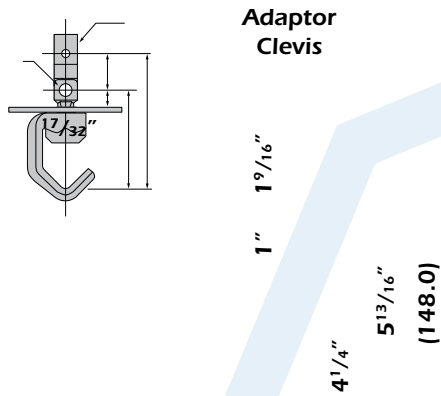
This free spinning ball bearing swivel assembly can be rotated by hand or automatically rotated at any point on the system with the installation of a rub rail.

**SWIVEL ROTATOR
C/W 6 POINT STAR:**

The addition of the 6 point star provides positive rotation.



AC 8140
90° INDEXER HOOK
CAPACITY 150 POUNDS



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

90 DEGREE INDEXER HOOK:

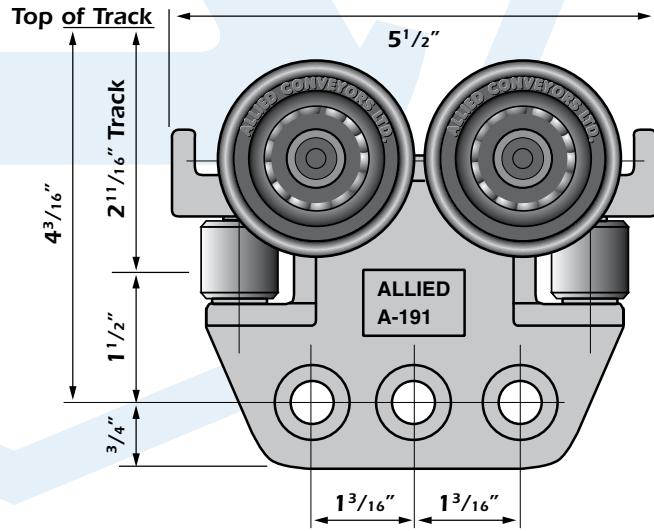
Cast two piece cam construction provides 90 degree indexing.

**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)**

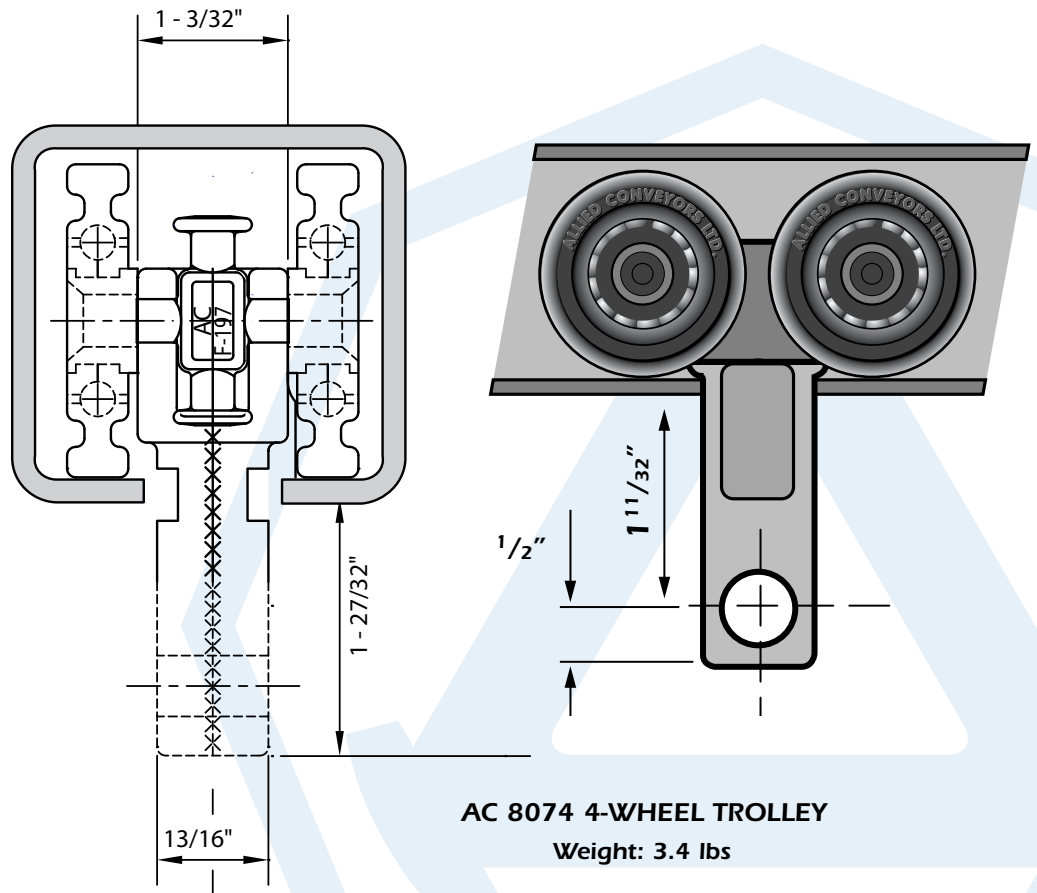
Four ball bearing load wheels with hardened races and two hardened side guide rollers mounted to a one piece high strength cast body provide long trolley life under adverse conditions.



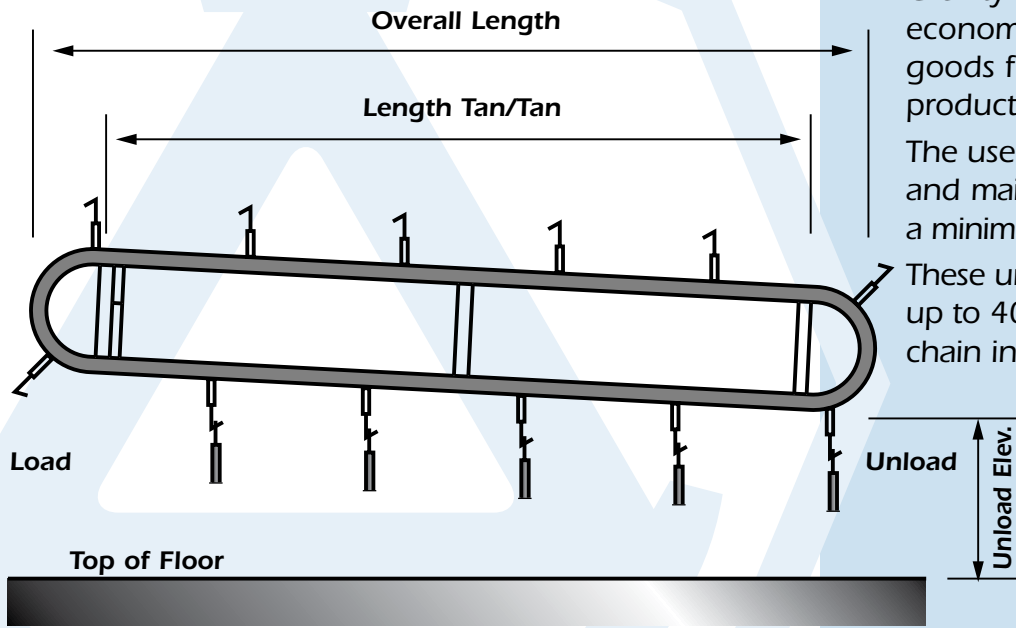
AC 8040 4 WHEEL HAND PUSHED TROLLEY
Weight: 6 lbs

**4-WHEEL TROLLEY:
(Capacity 250 pounds)**

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



AC 8074 4-WHEEL TROLLEY
Weight: 3.4 lbs

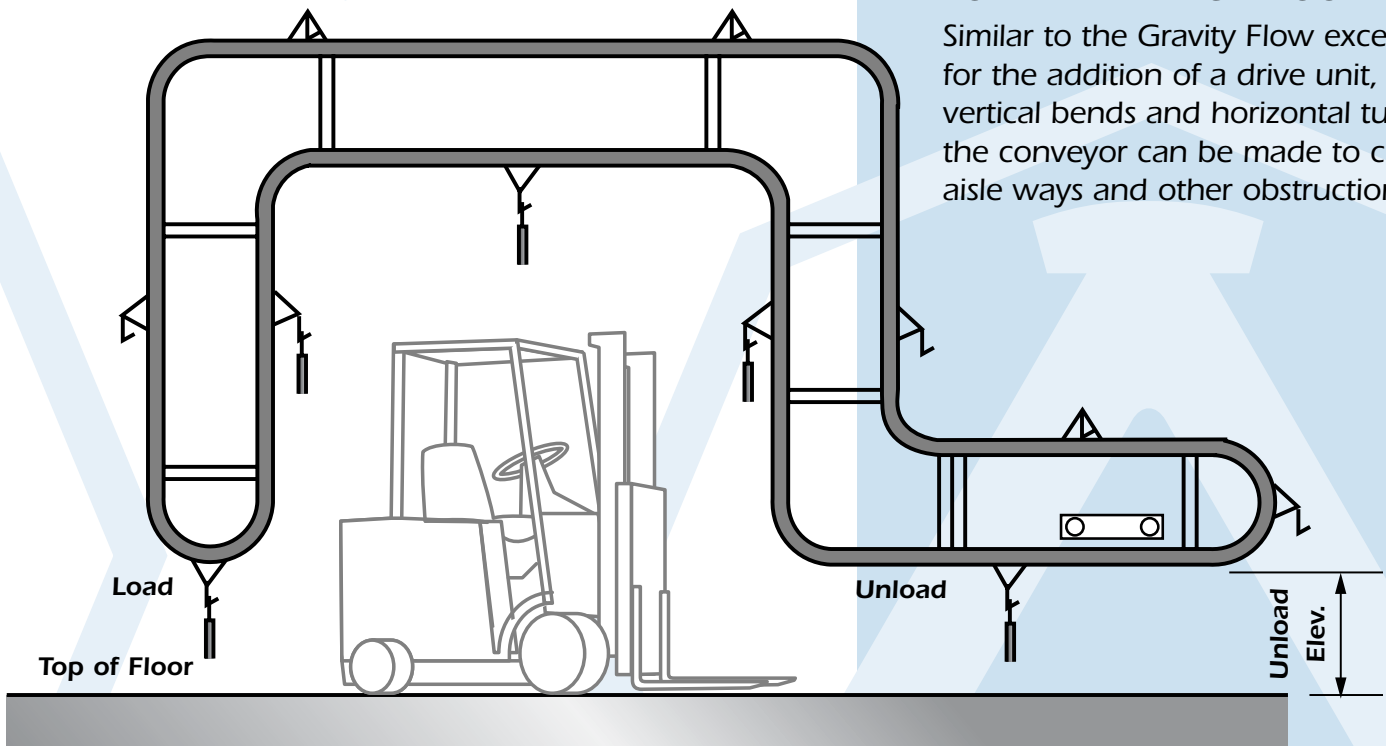


GRAVITY FLOW MONOVEYOR:
 Components can be made up into Gravity Flow Monoveyors for economical storage and transfer of goods from sub-assembly to main production lines.

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

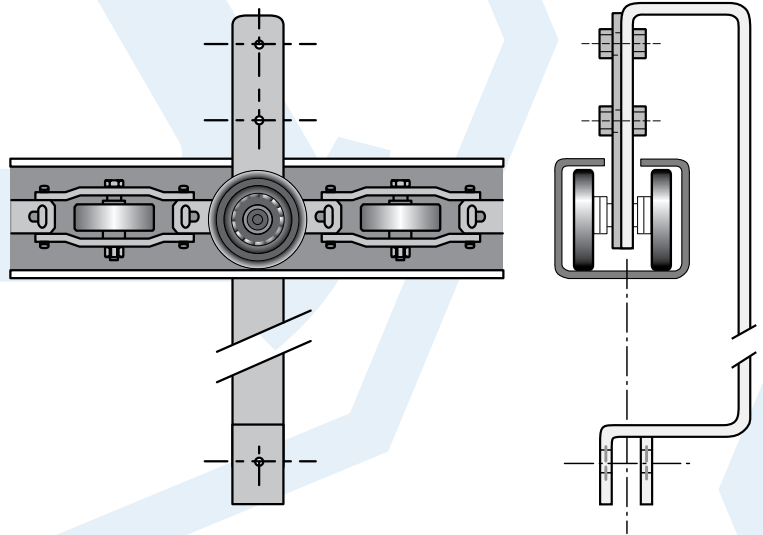


POWERED VERTICAL LOOP:
 Similar to the Gravity Flow except for the addition of a drive unit, vertical bends and horizontal turns, the conveyor can be made to clear aisle ways and other obstructions.

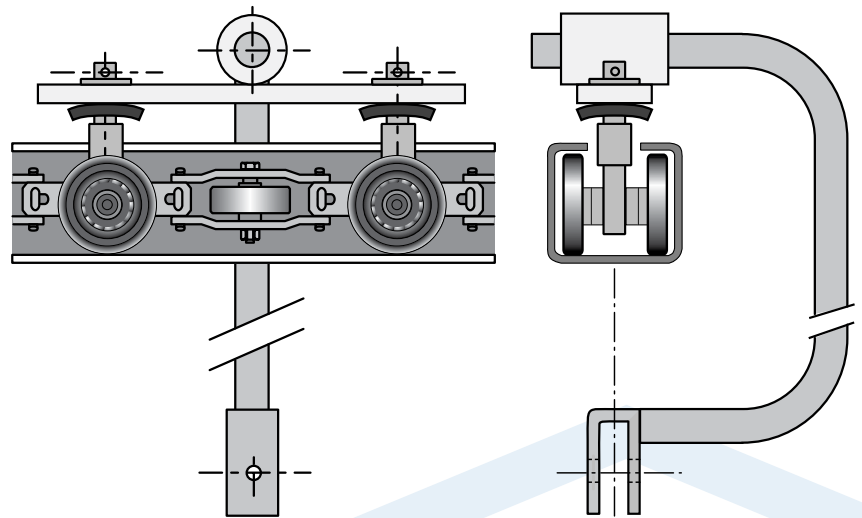
POWERED VERTICAL LOOP CONVEYOR

INVERTED POWER CONVEYOR:

The enclosed track can be inverted to protect product from contamination. The need for sanitary pans is eliminated. This is particularly useful in clean-room applications.

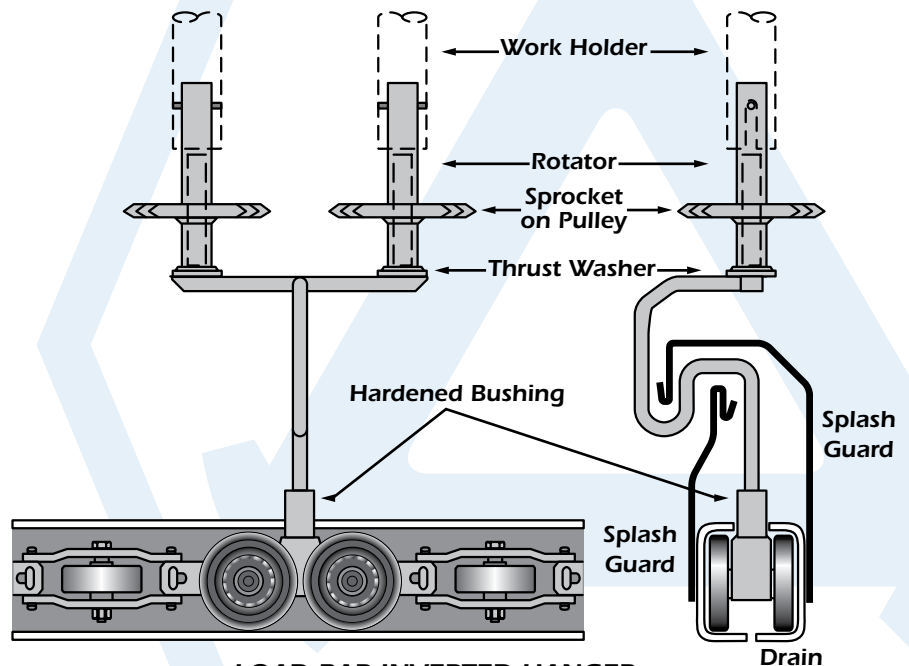


**SINGLE INVERTED HANGER
CAPACITY: 125 LBS**

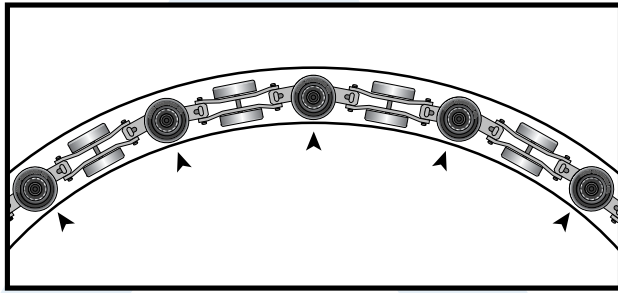


**LOAD BAR INVERTED HANGER
CAPACITY: 250 LBS**

Enclosed track shown inverted and used as a spindle conveyor.

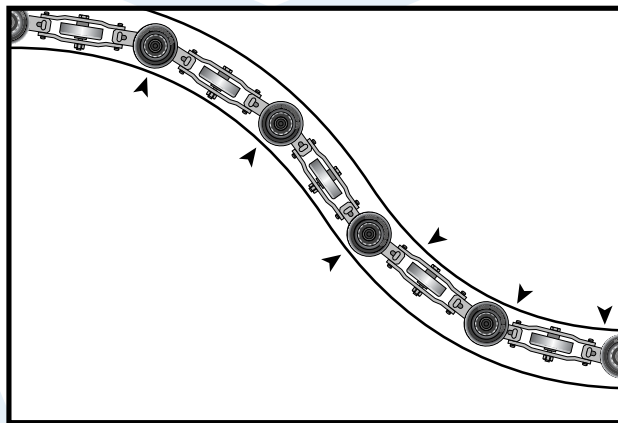


**LOAD BAR INVERTED HANGER
CAPACITY: 250 LBS**



HORIZONTAL TURNS

Horizontal turn with 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

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.

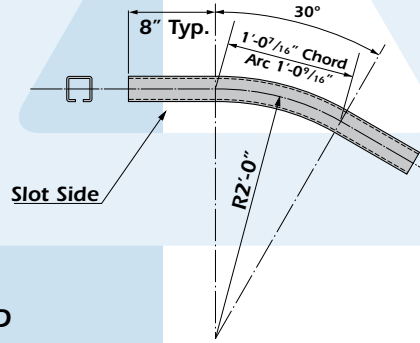
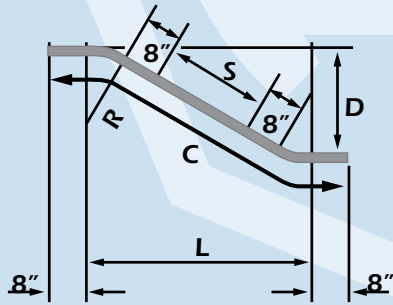
STANDARD TRACK CURVES

All horizontal turns and vertical curves illustrated are carried in stock for immediate delivery. However, special radius or degree turns can be fabricated on order. For smaller than 24" radius, horizontal traction wheels can be furnished.

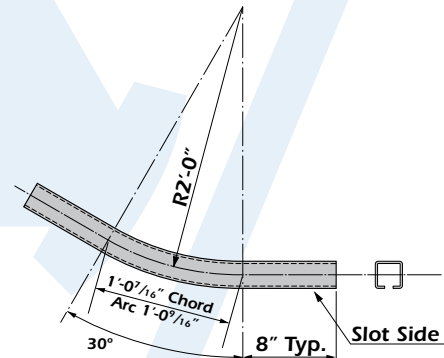
Both horizontal turns and vertical curves are heat-treated to RC35-40 in areas of wheel contact to ensure a hard, tough surface for added anti-wear qualities.

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°

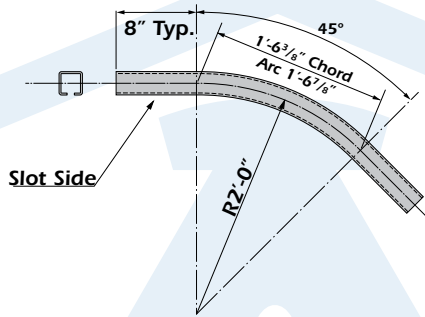
2'0" RADIUS X 30 DEGREES

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"

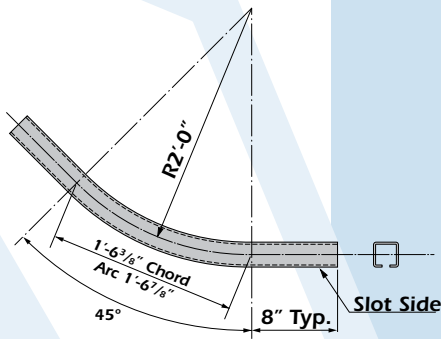
3'0" RADIUS X 30 DEGREES

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.

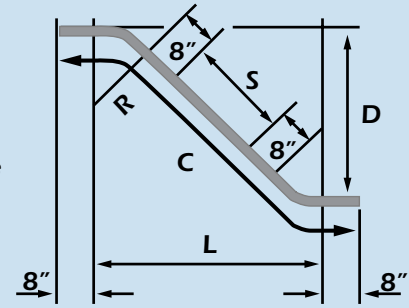


AC 8025 UPPER VERTICAL CURVE 2'-0" RAD. X 45°



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

**VERTICAL BENDS
45° CURVE**



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"

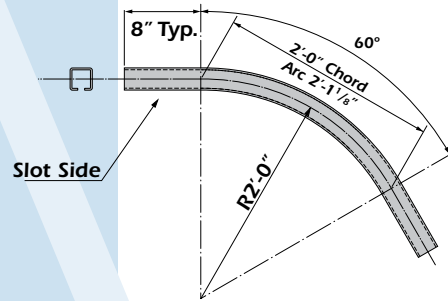
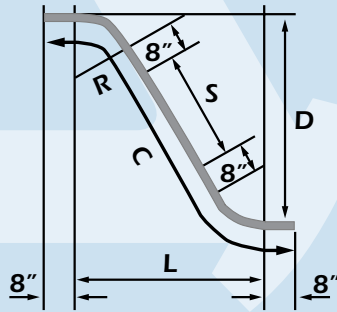
3'0" RADIUS X 45 DEGREES

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"

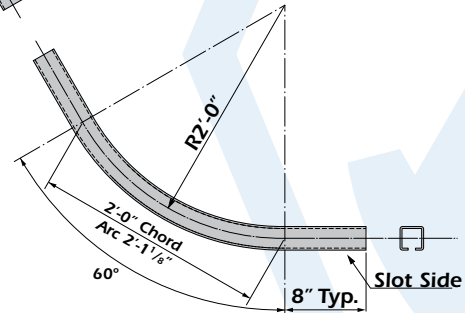
Min. Drop is 2'-8-3/8" where S = 0
 L = 5'-2-1/4"
 C = 7'-4-1/2"

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"

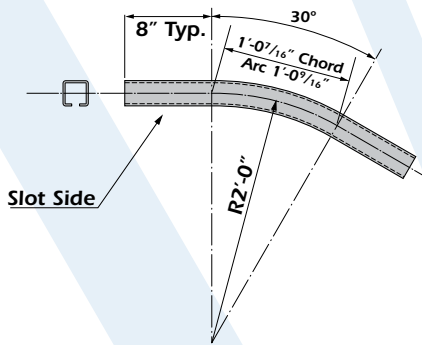
3'0" RADIUS X 60 DEGREES

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"

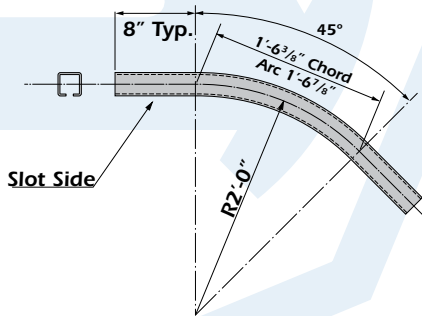
Min. Drop is 4'-1-7/8" where S = 0
L = 5'-10-3/8"
C = 8'-11-3/8"

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

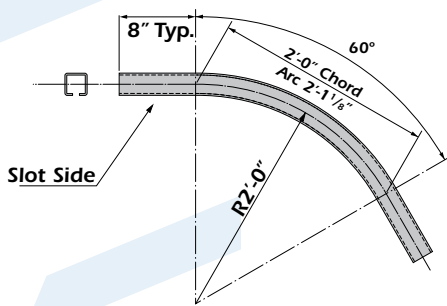
UPPER VERTICAL CURVES



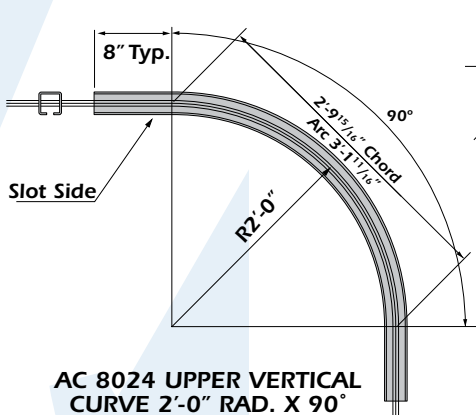
AC 8026 UPPER VERTICAL CURVE 2'-0" RAD. X 30°



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

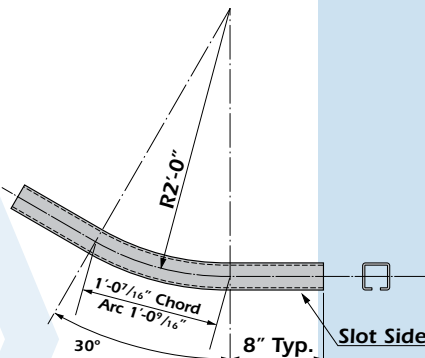


AC 8038 UPPER VERTICAL CURVE 2'-0" RAD. X 60°

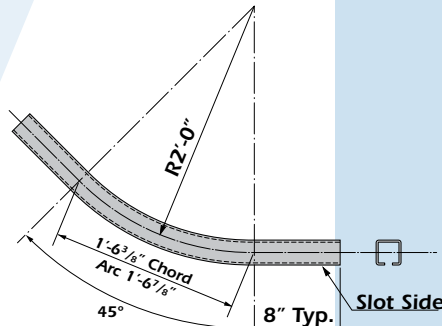


AC 8024 UPPER VERTICAL CURVE 2'-0" RAD. X 90°

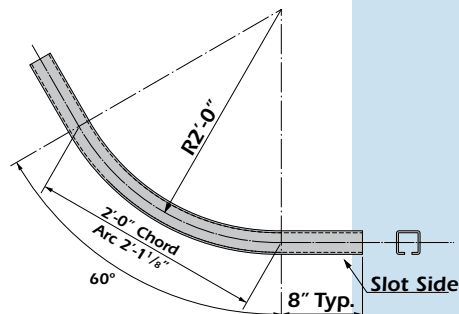
LOWER VERTICAL CURVES



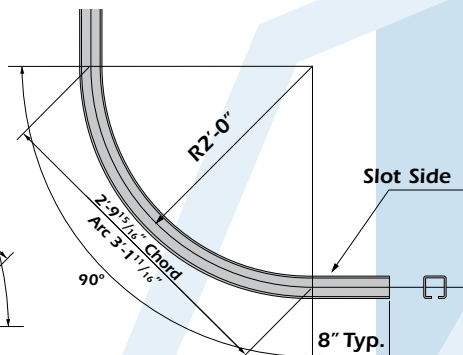
AC 8029 LOWER VERTICAL CURVE 2'-0" RAD. X 30°



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

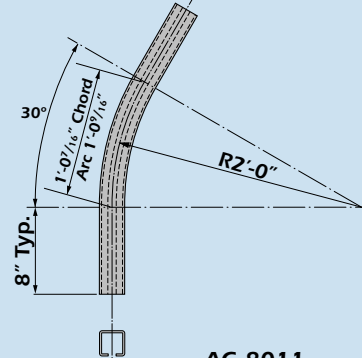


AC 8039 LOWER VERTICAL CURVE 2'-0" RAD. X 60°

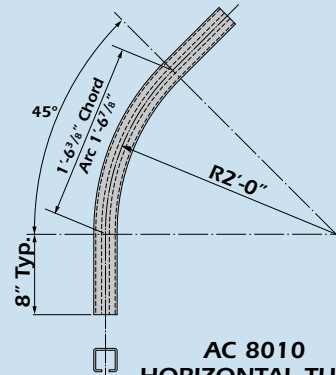


AC 8027 LOWER VERTICAL CURVE 2'-0" RAD. X 90°

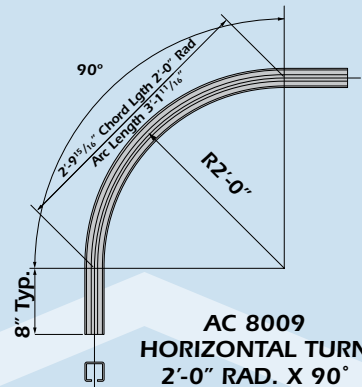
HORIZONTAL TURNS



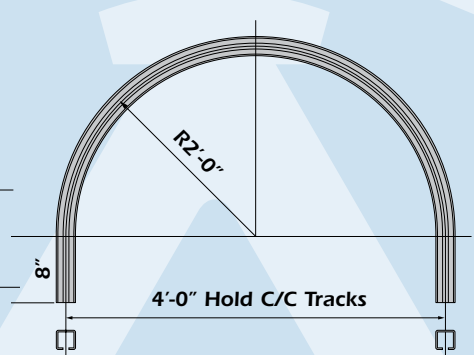
AC 8011 HORIZONTAL TURN 2'-0" RAD. X 30°



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°

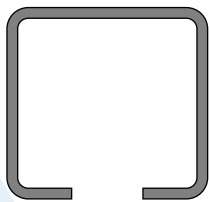
Upper and lower vertical curves as illustrated above, are carried in stock. However, special radius or degree curves can be fabricated on order. See reference vertical bend on following page. Horizontal track curves as illustrated above, are carried in stock, however, special radius or degree turns can be fabricated on order.

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

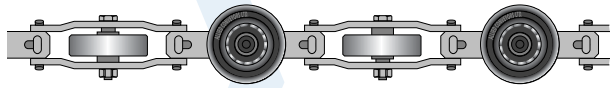


ALLIED

8000 Series Enclosed Track Standard Components



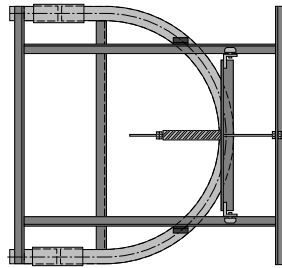
TRACK



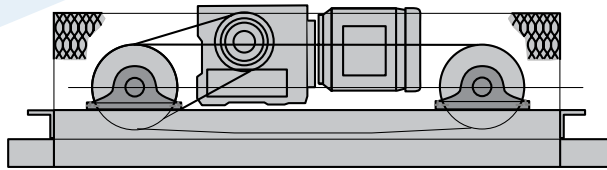
CHAIN



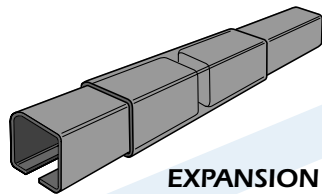
VERTICAL BENDS



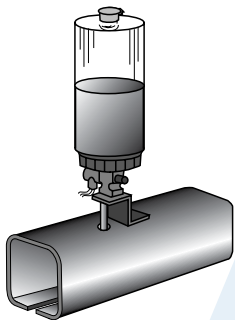
TAKE-UPS



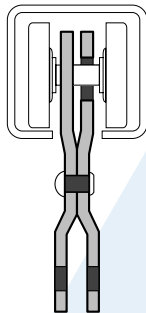
DRIVES



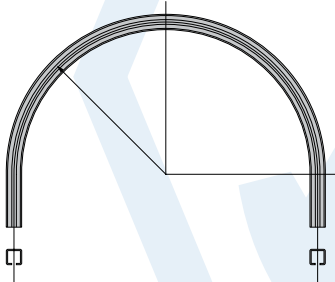
EXPANSION JOINTS



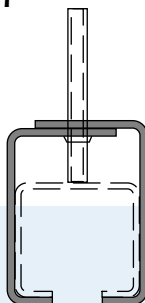
LUBRICATORS



"H" ATTACHMENT



HORIZONTAL TURNS



INSTALLATION CLAMPS

- 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



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Data given in this publication are intended only to aid the engineer in preliminary evaluations and is subject to change without notice.

