



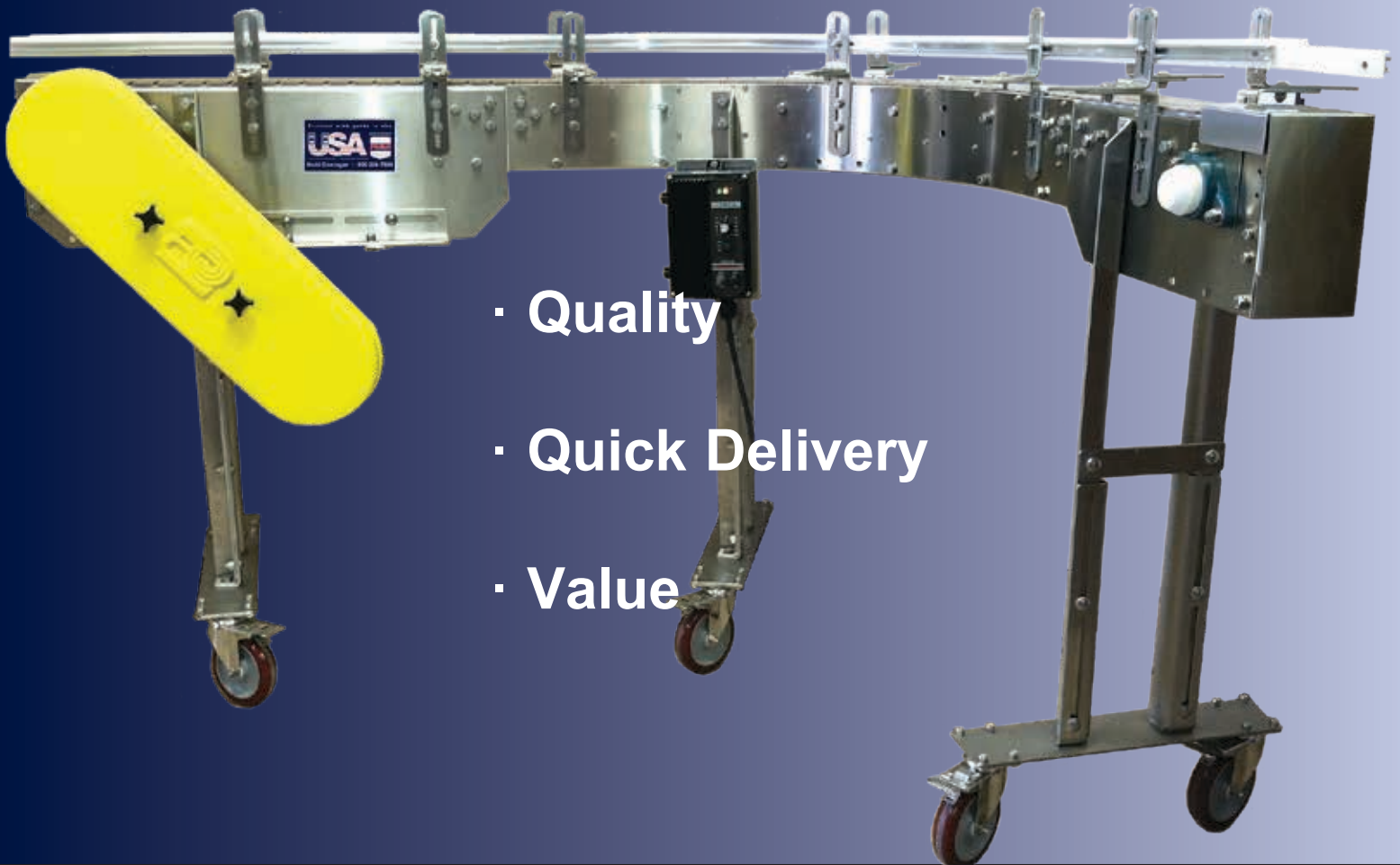
Multi-Conveyor

Your best, conveyed better.

SUCCESS LINE

© 2024

Quick Ship Conveyors Catalog



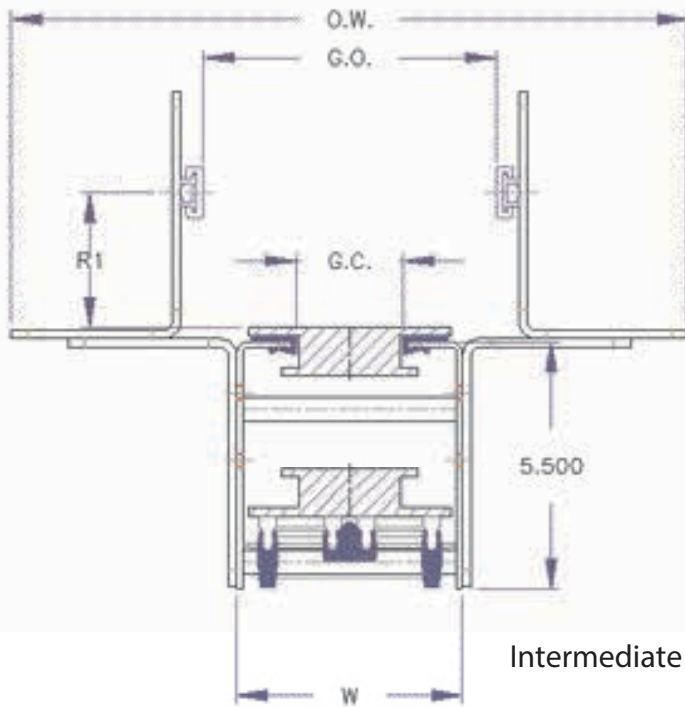
25 Windustrial Road • PO Box 10 • Winneconne, Wisconsin 54986 • Phone (920) 582-7960 • info@multi-conv.com

Toll Free: 1-800-236-7960

www.multi-conveyor.com

TABLE OF CONTENTS

CROSS SECTIONS	1
INTERMEDIATE SECTIONS	2
TAB CHAIN CURVE SECTIONS	3
PARALLEL TRANSFERS	4
IDLE END ASSEMBLIES	5
DRIVE END ASSEMBLIES	6
SUPPORTS	7
MOTORS/REDUCERS	7
CHAINS	7
GENERAL SPECIFICATIONS	8
ORDERING INFORMATION	9
SPECIALS and NON-STANDARD CONVEYOR REQUESTS	9
CALL TOLL-FREE	1-800-236-7960



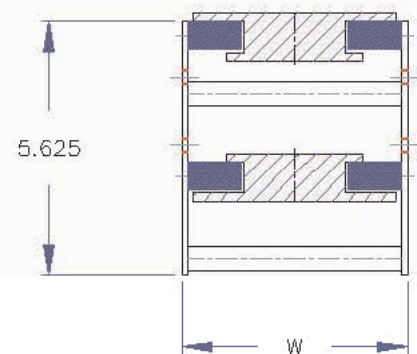
Intermediate with Tab

The **SUCCESS LINE** series of conveyors is fabricated from durable 11 gauge carbon or 304 stainless steel. Wearstrips are UHMW plastic clip-on with a serpentine return surface and Nolu-S in curves. Guiderails are adjustable with UHMW plastic covers. The conveyor chain is the industry standard TAB flex chain.

Our models offer chain widths from 3.25" wide through 12" wide and rail openings from 0.1" through 14.9".

Chain Widths	W	G.C.	R1-min	R2-max	G.O.-min	G.O.-max	O.W.-min	O.W.-max
3.25"	3.75"	1.813"	.875"	4.50"	0.0"	6.18"	10.75"	14.75"
4.50"	5.0"	2.375"	.875"	4.50"	0.0"	7.4"	12.0"	16.0"
7.50"	8.0"	2.375"	.875"	4.50"	2.75"	10.4"	15.0"	19.0"
10.00"	10.5"	2.375"	.875"	4.50"	5.25"	12.9"	17.5"	21.5"
12.00"	12.5"	2.375"	.875"	4.50"	7.25"	14.9"	19.5"	23.5"

SUCCESS LINE line curves are constructed with UHMW plastic on the outside of the radius and Nolu-S plastic on the inside of the radius to ensure maximum lubrication in this high friction area of the curve.



Tab Chain Curve (w/o Guiderail)

An **INTERMEDIATE SECTION** is a straight section of a conveyor that transports the product from the idle end of the conveyor to the drive end of the conveyor.



SPECIFICATIONS

- 5.5" Deep conveyor frame
- UHMW plastic wearstrip
- Serpentine return
- Adjustable guiderail* (available profiles listed below)
- Frame, 11 gauge carbon steel or 304 stainless steel
- Available in increments of 1 foot



Standard Chain Widths and Types

Chain Width	3.25"	4.50"	7.50"	10"	12"
Chain Type	LF879TAB K3.25"	LF882TAB K4.50"	LF882TAB K7.50"	LF882TAB K10"	LF882TAB K12"

Each **SUCCESS** intermediate section ships fully assembled and comes complete with the following components:

- Frame, up to 10' long in 12" increments
- Wearstrip, UHMW clip-on on the carryway and UHMW serpentine for the return
- Adjustable guiderail and brackets on each side of the conveyor, profiles vary
- Tabletop chain, LF879 or LF882 tabletop chain
- Two splice plates at one end of frame
- Supports (if required)

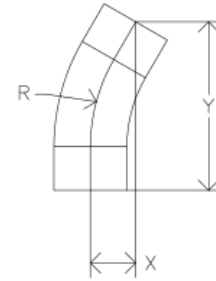
*Adjustable Guiderail Standards: Single/Double High Extruded Aluminum (w/ UHMW Cover), VG-SSRS, VG-SSMS, VG-SSTS-1.00, VG-SSTS-2.25 Guide Rail

TAB CHAIN CURVES allow your product to change its direction of travel with a continuous motion. The sideflexing tab chain is captured within the wearstrips thus allowing the change of direction without the chain lifting out of the wear surface.

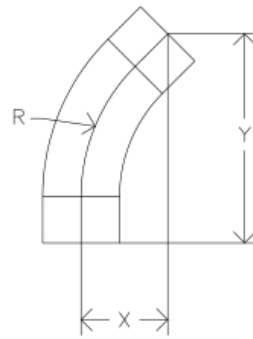
We offer our **SUCCESS LINE** tab chain standard curves in 18" radius for 3.25" wide chain and 24" radius for all other widths.

SPECIFICATIONS

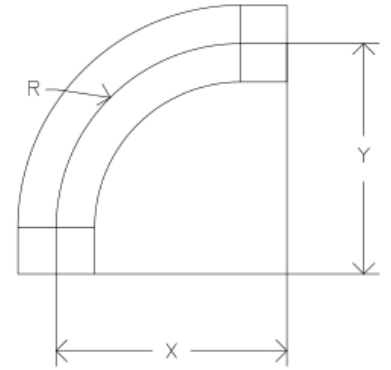
- Frames, 11 gauge carbon steel or 304 stainless steel
- UHMW wearstrips on outside of curve
- Nolu-S wearstrips on inside of curve
- 5.625" deep frame
- 6" long tangents on each end
- Radius measured to centerline of chain track
- Adjustable guiderail (see page 2 for specifications)
- Open-top design



30° CURVE



45° CURVE



90° CURVE

Chain Width	RADIUS	30 DEG		45 DEG		90 DEG	
	R	X	Y	X	Y	X	Y
3.25"	18"	5.14"	20.20"	9.51"	22.97"	24.0"	24.0"
4.50"	24"	6.22"	23.20"	11.27"	27.21"	30.0"	30.0"
7.50"	24"	6.22"	23.20"	11.27"	27.21"	30.0"	30.0"
10.00"	24"	6.22"	23.20"	11.27"	27.21"	30.0"	30.0"
12.00"	24"	6.22"	23.20"	11.27"	27.21"	30.0"	30.0"

Each CURVE ships fully assembled complete with the following components:

- Frame and supports
- Wearstrips
- Adjustable guiderail and brackets
- LF879 or LF882 tabletop chain

Standard Chain Widths and Types

Chain Width	3.25"	4.50"	7.50"	10"	12"
Chain Type	LF879TAB K3.25"	LF882TAB K4.50"	LF882TAB K7.50"	LF882TAB K10"	LF882TAB K12"

PARALLEL TRANSFERS ensure a smooth, seamless product transition from one conveyor to another conveyor. The product is transferred passively by following a guiderail that is mounted diagonally over two tracks of conveyor chain.

A **PARALLEL TRANSFER** is often used because the size of the product prohibits end to end transfer. It may also be used as a means of lessening back pressure and for better line control. Product spacing can be achieved by speeding up the line that the product is being transferred onto.



SPECIFICATIONS

- 10" deep frames
- Frames, 11 gauge carbon steel or 304 stainless steel
- Shaft mounted drive
- UHMW wearstrips
- Adjustable guiderail (see page 2 for specifications)
- Open-top design
- Minimal gap between chains

Standard Chain Widths and Types

Chain Width	3.25"	4.50"	7.50"	10"	12"
Chain Type	LF879TAB K3.25"	LF882TAB K4.50"	LF882TAB K7.50"	LF882TAB K10"	LF882TAB K12"

Each **PARALLEL TRANSFER** ships fully assembled complete with all of the following components:

- Frames and supports
- Wearstrips
- Guiderails
- LF879 or LF882 tabletop chain
- Shaft mounted motor and reducer
- End caps and stainless steel finger guards



The **IDLE END** is the beginning point of the conveyor. At this location the conveyor chain will make its first contact with your product.

SPECIFICATIONS

- Frames, 11 gauge carbon steel or 304 stainless steel
- 1'-6" overall length
- 8" deep frame
- Stainless steel finger guard included
- 304 stainless shaft
- Bearings
- 3' 6" of tabletop chain
- 12-tooth tabletop sprocket

Each **IDLE END** ships fully assembled complete with the following components:

- Frame and Supports
- Wearstrips
- Adjustable guiderail and brackets (see page 2 for specifications)
- LF879 or LF882 tabletop chain
- 12-tooth tabletop sprocket
- Bearings
- Idle shaft, 304 stainless steel
- Stainless steel finger guards
- Optional dead plates or end caps available upon request

Standard Chain Widths and Types

Chain Width	3.25"	4.50"	7.50"	10"	12"
Chain Type	LF879TAB K3.25"	LF882TAB K4.50"	LF882TAB K7.50"	LF882TAB K10"	LF882TAB K12"

The **DRIVE END** is the discharge side of the conveyor containing the motor and gearbox.

SPECIFICATIONS

- Frames, 11 gauge carbon steel or 304 stainless steel
- 2' 6" overall length
- 10" deep frame
- Stainless steel finger guard included
- 304 stainless steel shaft
- Bearings
- 12-tooth tabletop sprocket
- Shaft mounted drive



Each standard **DRIVE END** ships fully assembled complete with the following components:

- Frame and supports
- Wearstrips
- Adjustable guiderail and brackets
- LF879 or LF882 tabletop chain
- 12-tooth tabletop sprocket
- Shaft mounted motor and reducer
- Drive shaft, 304 stainless steel
- Stainless steel finger guards
- Optional dead plates or end caps available upon request

Standard Chain Widths and Types

Chain Width	3.25"	4.50"	7.50"	10"	12"
Chain Type	LF879TAB K3.25"	LF882TAB K4.50"	LF882TAB K7.50"	LF882TAB K10"	LF882TAB K12"

SUCCESS LINE comes standard with adjustable "H" style SUPPORTS. The "H" style is fabricated from 1.5" angle x 3/16" thick and is available in either carbon steel or stainless steel. The Square Tube option uses articulating feet in choice of carbon steel or stainless steel. Standard height choice between 30" and 42" elevation from floor to top of the conveyor.

STANDARD ANGLE SUPPORT SPECIFICATIONS*

- 1.5" angle x 3/16" thick, single bolt pad foot
- Carbon steel or stainless steel

STANDARD SQUARE TUBING OPTION

- 1.5" Square Tubing , stainless steel NGI style pad foot

ELEVATION

- Between 30" and 42" (T.O.C.)

*PORTABLE OPTION: 5" diameter casters



MOTORS/REDUCERS

MOTOR OPTIONS

- 230/460V – 60Hz. – 3Ph. – 56C
- 120V – 60Hz. – 1Ph. – 56C
- 90 Volt DC motor with NEMA 4/12 controller (for 120V AC Input)
- 180 Volt DC motor with NEMA 4/12 controller (for 240V single phase AC Input)

FIXED SPEED MOTOR & REDUCER SETS

- Available in 60, 90 and 120 FPM
- Available in 1/2, 3/4, 1, and 1-1/2 HP

HORSEPOWER & CHAIN PULL CALCULATIONS: Determined by Multi-Conveyor



CONVEYOR CHAINS



All **SUCCESS LINE** chains are plastic side-flexing tabletop, acetal tab chains:

- LF879TAB-K3.25"
- LF882TAB-K4.50"
- LF882TAB-K7.50"
- LF882TAB-K10"
- LF882TAB-K12"

FRAME MATERIALS:

11 gauge carbon steel or 304 stainless steel

FRAME DESIGN:

Open-Top Design
5.5" Intermediate Frame Depth
8" Idle Frame Depth
10" Drive Frame Depth

WEARSTRIPS:

UHMW Clip-On Carryway
UHMW Serpentine Return
Nolu-S in Curves

GUIDERAIL STANDARDS:

Single/Double High Extruded Aluminum (w/ UHMW Cover), VG-SSRS, VG-SSMS,
VG-SSTS-1.00, VG-SSTS-2.25

GUIDERAIL BRACKETS:

Formed Stainless Steel, 1.5" Wide x 3/16" Thick, Adjustable

SUPPORTS:

1.5" Structural Angle Adjustable "H" Style
1.5" Square Tubing, SS NGI Style Pad Foot

MOTORS/REDUCERS:

Fixed Speed Motor and Reducer Sets
DC Motor and Variable Controller

CHAINS:

LF879TAB-K3.25"
LF882TAB-K4.50", K7.50", K10", and K12"

To Order **SUCCESS LINE** Conveyors, Call (800) 236-7960.
Tell your sales account manager that you want “SUCCESS”.

SUCCESS LINE modules are sold in the following sizes and configurations:

PARALLEL TRANSFERS

- Available in 3.25”, 4.50”, 7.50”, 10” and 12” chain widths
- Available in 1/2, 3/4, 1 and 1-1/2 horsepower drive sizes
- Parallel Transfers are offered in speeds of 60, 90 and 120 feet per minute

DRIVE MODULES

- Available in 3.25”, 4.50”, 7.50”, 10” and 12” chain widths
- Available in 1/2, 3/4, 1 and 1-1/2 horsepower
- Drive modules are offered in speeds of 60, 90 and 120 feet per minute
- Guarded shaft mounted drive is standard equipment

IDLE END MODULES

- Available in 3.25”, 4.50”, 7.50”, 10” and 12” chain widths
- Finger guard or end cap included

INTERMEDIATE CONVEYOR (STRAIGHT SECTIONS)

- Available in 3.25”, 4.50”, 7.50”, 10” and 12” chain widths
- Lengths available are one foot increments up to ten feet long

CURVE CONVEYOR (TURN SECTIONS)

- Available in 3.25”, 4.50”, 7.50”, 10” and 12” chain widths
- Available in radius* 24” x 30°, 24” x 45°, 24” x 90° (*3.25” Chain has C/L Radius of 18”)
- 6” tangents on curve ends are standard

SPECIALS/OPTIONS

- Stainless steel dead plate transitions
- LBP roller transitions
- Flush mounts
- Adjustable copes
- 5” diameter casters for portability

NON-STANDARD CONVEYOR

This catalog references Multi-Conveyor **SUCCESS LINE** series of standardized conveyors. If you need a special modification or options that are not found in this catalog, please contact the Sales department at Multi-Conveyor for an individual quote that will be tailored to meet your needs.

SUCCESS CONVEYORS

OUR GOAL

MULTI-CONVEYOR designs and builds custom conveyors and related devices, and we are a leader in the industry for what we do.

That is not an opinion or a debate, it's a humble fact.

Our company motto is simply, "Your best, conveyed better."

We strive earnestly to achieve that goal through a process of continuous innovation. We have moved to a position of leadership in the industry because of that philosophy and for our perpetual approaches to move, handle and reorientate our customer's products.

WHY SUCCESS?

Why SUCCESS indeed.

Many years ago, we found ourselves trying to fill quick deliveries for standard conveyors. However, on some occasions we could not fill those requests on a timely basis due to our current work load. As much as this is a great testimony to our full production schedule, these were not custom conveyors or specialized requests, just simple conveying solutions that we knew we should be able to provide quickly.

Knowing that our customers relied on our quality and reputation, we developed a line of pre-engineered conveyor components that could ship quickly when those requests are received. By pre-engineering and pre-fabricating the components for the Success Line conveyors, we save on both time and expense, which translates to "value-driven, quick ship" conveyors - hence, SUCCESS!

