



# CHAIN TRANSFER

## SECTION CONTENT

Chain Transfer  
Optional Equipment and Devices

## WHY CT?



- Utilized to transfer products 90° onto an adjacent conveyor using minimal space
- Rugged and durable with our welded, structural tube steel rail design
- Integrates easily into CDLR systems
- Pneumatic airbag, pneumatic cylinder or electric cam actuation are available
- Common applications include palletizing, filling, load staging, robotic cells, stretch wrapping, strapping and transportation

	1.9"	2 1/2"	2 9/16"	3 1/2"	4"
<b>A</b>	12" - 54"	12" - 64"	12" - 96"	12" - 96"	12" - 120"

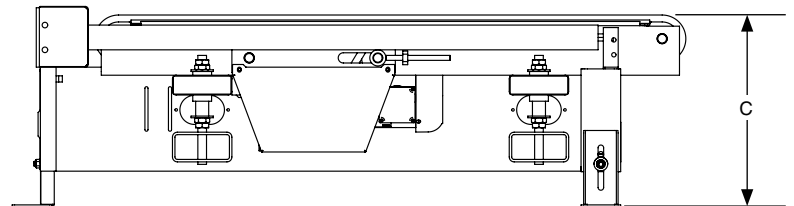
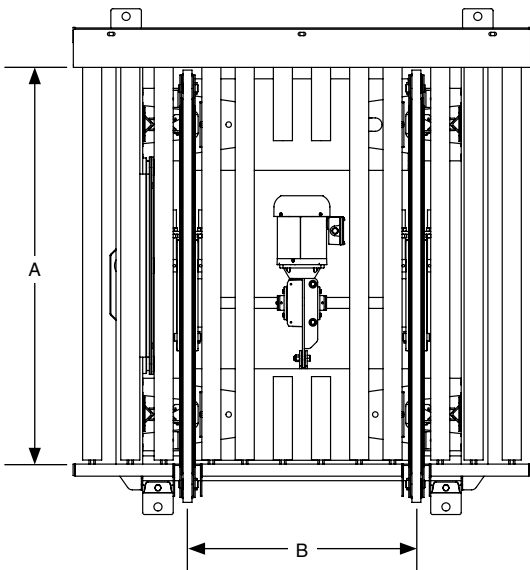
A = CDLR Effective Width (Any Increment)

MAXIMUM CAPACITY	CHAIN	CHAIN TRACK	TOP OF CHAIN	MINIMUM CHAIN CENTERS	MINIMUM ROLLER CENTER AT CHAINS	HORSEPOWER
(lbs.)	Size	Material	C (in.)	B (in.)	(in.)	HP
500	C50	UHMW*	15 - 60	8	1.9 dia = 4 3/8 2 1/2 dia = 5 5/16	1/2
1500	C60	UHMW*	16 - 60	9	2 1/2 dia = 6 3 1/2 dia = 7 1/2	1/2
2000	C60	UHMW*	16 - 60	9	2 1/2 dia. = 6 3 1/2 dia. = 7 1/2	3/4
3000	C80	UHMW*	18 - 60	15	2 1/2 dia. = 6 3/4 3 1/2 dia. = 7 1/2	1
4000	C80	Steel	19 - 60	17	2 1/2 dia. = 6 3/4 3 1/2 dia. = 7 1/2	2
6000	C100	Steel	19 - 60	17	3 1/2 dia. = 8 1/2 4 dia. = 9	3

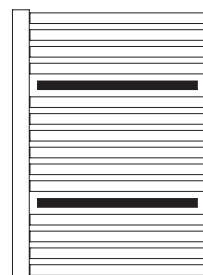
Chart is based on 2 strands at 30 FPM

Additional capacities and sizes are available

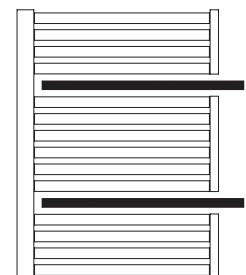
\*Also available with steel track. HP is also affected.



### STANDARD CONFIGURATIONS



WITHIN



CUT THROUGH

## STANDARD SPECIFICATIONS

**CHAIN** - C50, C60, C80, C100 or C120 flat side bar chain

**TRACK** - UHMW polyethylene on C50, C60 and C80 sizes (up to 3000 lbs. depending on speed and footprint) provides wear resistance, quiet operation and reduces power requirements. Special alloy steel track on all sizes for increased load capacity.

**FRAME** - Structural tube chain rails

**CONSTRUCTION** - Welded frames and spreaders

**CHAIN CENTERS** - 8" to 96" in any increment

**ACTUATION** - Pneumatic air bag lift or pneumatic cylinder level lift, plumbed to a common air connection point

**DRIVE STYLE** - Center drive or end drive

**SPEED** - Up to 100 FPM

**MOTOR** - 1/4 HP through 5 HP, 1750 RPM, C-face, 208-230-460V/3PH/60Hz, TEFC

**REDUCER** - Sealed, worm gear, C-face

**DRIVE SPROCKETS** - C series sprockets with keyed hub and set screws. Idler sprocket assemblies include shaft and internal bearings.

**MOUNTED BEARINGS** - Precision, sealed, pre-lubricated, self-aligning, flange mount ball bearing units with cast iron housing

**DRIVE CHAIN** - RC series roller chain

**TAKE-UP** - Screw type take-up assembly

**SUPPORTS** - Structural channel H-style, welded 12" to 60" from floor to top of chain. Supports are shipped loose.

**FINISHES** - Powder coat finish standard. Wet spray available.

**Expanded product parameters available**

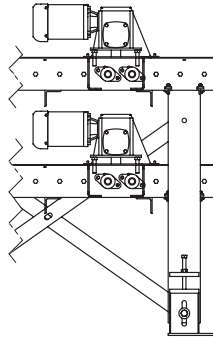
## OPTIONAL EQUIPMENT AND DEVICES

**STRANDS** - Three or more strands available for optimum product support

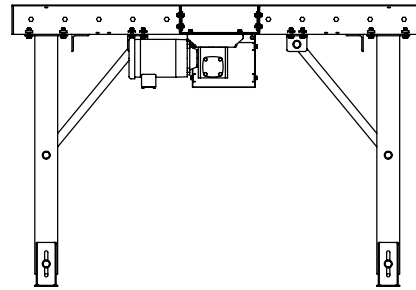
**SUPPORTS** - Available in single or multi-tier. Supports are designed to be bolted or welded to the conveyor frame. Supports are shipped loose.

Multi-Tier Supports

Knee Brace Supports



MULTI-TIER SUPPORTS  
SUPPORTS



KNEE BRACE SUPPORTS

**STAINLESS STEEL** - Conveyors are available in stainless steel materials for washdown applications or harsh environments