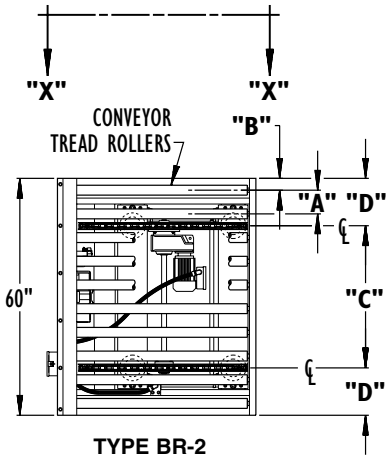
Systems Accessories

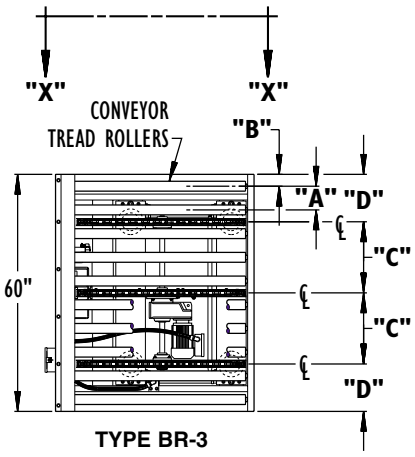
Chain Transfer (BR, CC, & Extended Types)

Chain Transfers are used to move products at right angles to adjacent or parallel conveyor lines. Air bags lift the transfer mechanism while powered chains transfer the product. Two or three strands of chain are available in either between rail (BR), conveyor to conveyor (CC), or Extended types. Chains run on UHMW polyethylene wearstrips to reduce friction. Can be used with Models 25-CRR or 2511-CRA chain driven roller conveyors. (See chart on Page 182).

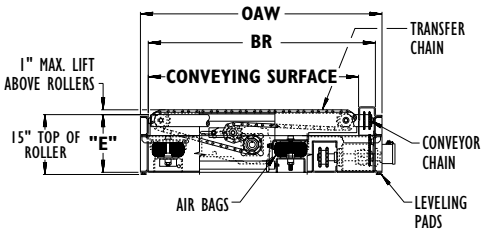
Between Rail (BR) Transfers



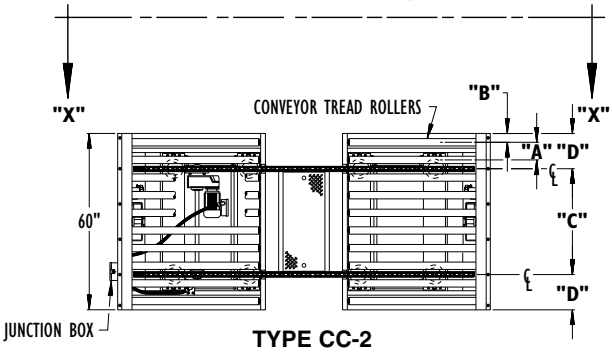
TYPE BR-2
BETWEEN RAIL
TWO STRAND TRANSFER



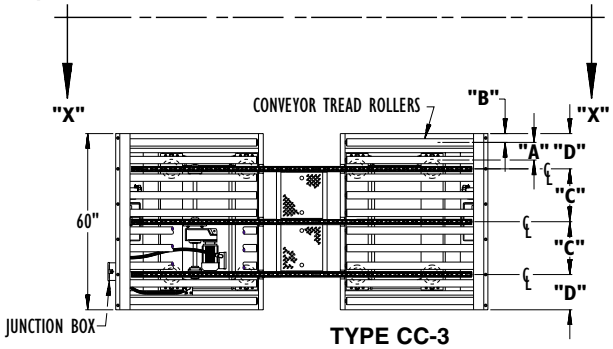
TYPE BR-3
BETWEEN RAIL
THREE STRAND TRANSFER



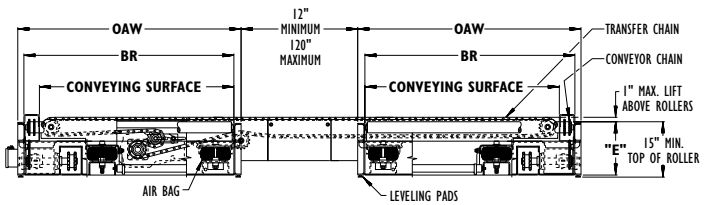
Conveyor to Conveyor (CC) Transfers



TYPE CC-2
CONVEYOR TO CONVEYOR
TWO STRAND TRANSFER



TYPE CC-3
CONVEYOR TO CONVEYOR
THREE STRAND TRANSFER

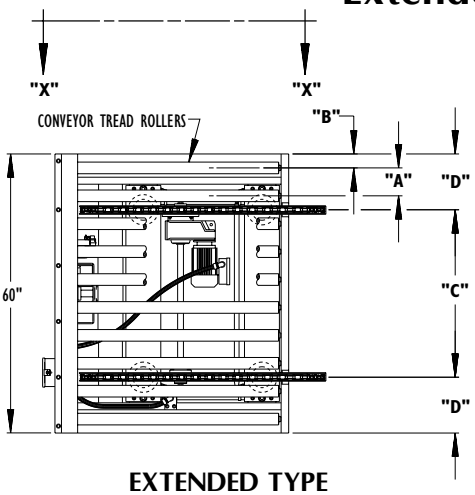


VIEW "X-X"

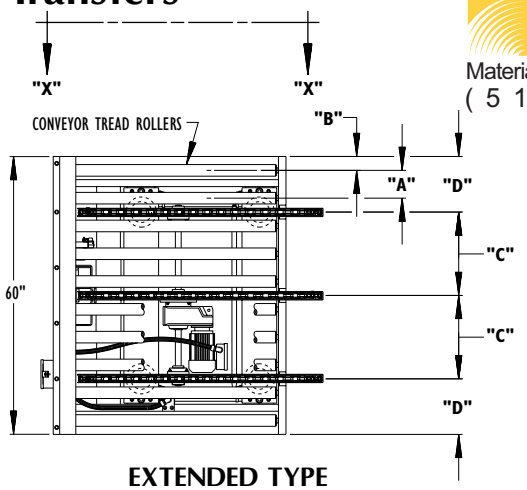
FloStor
Materials Handling Systems & Sales
(5 1 0) 2 6 5 - 6 7 0 0

Extended Chain Transfers

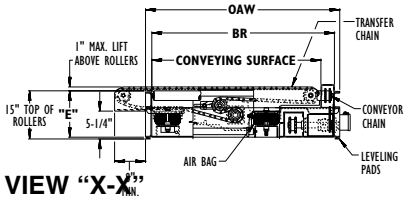
FloStor
Materials Handling Systems & Sales
(5 1 0) 2 6 5 - 6 7 0 0



EXTENDED TYPE
TWO STRAND TRANSFER



EXTENDED TYPE
THREE STRAND TRANSFER



VIEW "X-X"

Chart #1

Model	Transfer Chain Size	"A" Roller Centers	"B"	Strand Centers "C"		"D"		"E"	Min./Max. BR's
				Two Strand	Three Strand	Two Strand	Three Strand		
25-CRR	2060 (CT-3000)	5"	2 1/2"	30"	20"	15"	10"	12"	37"-67"
		6"	3"	24" 36"	18"	18" 12"	12"		37"-67"
2511-CRA	2060 (CT-3000)	6"	3"	24" 36"	18"	18" 12"	12"		47"-67"
25-CRR	2080 (CT-4000)	5"	NOT AVAILABLE						
25-CRR		6"	3"	24" 36"	–	18" 12"	–	14"	43"-67"
				–	18"	–	12"		47"-67"
2511-CRA	2080 (CT-4000)			24" 36"	–	18" 24"	–		53"-67"
				–	18"	–	12"		57"-67"

Chart #2

H.P.	Transfer Chain Size	Max. Unit Load (Lbs.)	FREE AIR CONSUMPTION PER CYCLE	
			"BR" & Extended Type	Conveyor to Conveyor
3/4	C-2060H	3000	1.12 SCF @100 P.S.I.* (4-airbag system)	2.24 SCF @100 P.S.I.* (8-airbag system)
1 1/2	C-2080H	4000	1.63 SCF @100 P.S.I.* (4-airbag system)	3.26 SCF @100 P.S.I.* (8-airbag system)

*Consumption ratings at mean sea level (14.7 P.S.I.).

Standard Specifications

CAPACITY–See Chart #2 for maximum unit loads.

TRANSFER CHAIN–C-2060H or C-2080H double pitch roller chain. (See Capacity Chart).

TRANSFER SPEED–30 FPM (others available contact factory).

DRIVE–230/460V–3 Ph. 60 Hz. gear motor 3/4 HP for C-2060-H chains. 1-1/2 hp for C-2080-H chains. Wired to outside junction box.

MOUNTING–Complete unit mounts in 60 in. long 25-CRR or 2511-CRA conveyor sections. Conveyor sections can be slave driven from tread roller of above models.

ELECTRICAL CONTROLS–Not furnished as standard equipment.

PNEUMATICS–Air bag lifts. Single solenoid 4-way valve with speed control muffler and quick exhaust valve. Requires maintained electrical signal of 115V–1 Ph. 60 Hz. from photo cell, limit switch, etc. (not supplied). Transfer will stay in raised position until signal is broken. Current consumption: .09 amps holding.

AIR REQUIREMENTS–Minimum pressure 80 p.s.i., maximum 100 p.s.i. See Capacity Chart for air bag size and free air consumption.

NOTE: To eliminate contaminants in air supply line, a filter-regulator-lubricator (FRL) should be installed prior to air valve (not supplied as standard).