

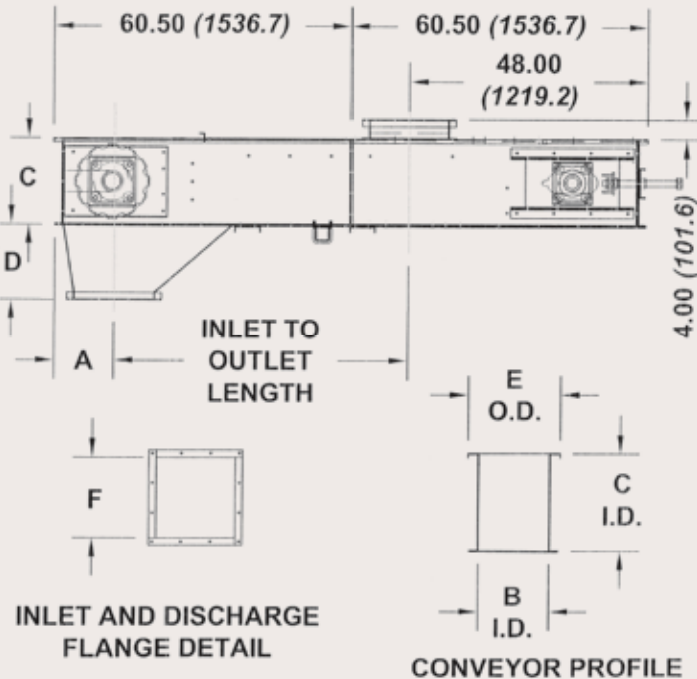
# HORIZONTAL CONVEYORS



## CHIEF HORIZONTAL CHAIN CONVEYORS

PROFILE		A	B	C	D	E	F
Width	Height						
9" X 9"		12"	8.75"	9.25"	15"	12.75"	8"
(228.6) X (228.6)		(304.8)	(222.3)	(235.0)	(381.0)	(323.9)	(203.2)
9" X 13"		12"	8.75"	13.25"	15"	12.75"	10"
(228.6) X (330.2)		(304.8)	(222.3)	(336.6)	(381.0)	(323.9)	(254.0)
13" X 13"		12"	12.75"	13.25"	15"	16.75"	12"
(330.2) X (330.2)		(304.8)	(323.9)	(336.6)	(381.0)	(425.5)	(304.8)
13" X 15"		12"	12.75"	15.25"	15"	16.75"	12"
(330.2) X (381.0)		(304.8)	(323.9)	(387.4)	(381.0)	(425.5)	(304.8)
13" X 17"		12"	12.75"	17.25"	15"	16.75"	12"
(330.2) X (431.8)		(304.8)	(323.9)	(438.2)	(381.0)	(425.5)	(304.8)
15" X 17"		12"	14.75"	17.25"	15"	18.75"	16"
(381.0) X (431.8)		(304.8)	(374.7)	(438.2)	(381.0)	(476.3)	(406.4)
15" X 21"		12"	14.75"	21.25"	15"	18.75"	16"
(381.0) X (533.4)		(304.8)	(374.7)	(539.8)	(381.0)	(476.3)	(406.4)
17" X 17"		12"	16.75"	17.25"	15"	20.75"	16"
(431.8) X (431.8)		(304.8)	(425.5)	(438.2)	(381.0)	(527.1)	(406.4)
17" X 21"		12"	16.75"	21.25"	15"	20.75"	16"
(431.8) X (533.4)		(304.8)	(425.5)	(539.8)	(381.0)	(527.1)	(406.4)
21" X 21"		12"	20.75"	21.25"	15"	24.75"	20"
(533.4) X (533.4)		(304.8)	(527.1)	(539.8)	(381.0)	(628.7)	(508.0)
21" X 27"		12"	20.75"	27.25"	15"	24.75"	20"
(533.4) X (685.8)		(304.8)	(527.1)	(692.2)	(381.0)	(628.7)	(508.0)
27" X 21"		16"	26.75"	21.25"	15"	30.75"	20"
(685.8) X (533.4)		(406.4)	(679.5)	(539.8)	(381.0)	(781.1)	(508.0)
27" X 27"		16"	26.75"	27.25"	15"	30.75"	24"
(685.8) X (685.8)		(406.4)	(679.5)	(692.2)	(381.0)	(781.1)	(609.6)
33" X 27"		28"	32.75"	27.25"	20"	36.75"	30"
(838.2) X (685.8)		(711.2)	(831.9)	(692.2)	(508.0)	(933.5)	(762.0)
33" X 33"		28"	32.75"	33.25"	20"	36.75"	30"
(838.2) X (838.2)		(711.2)	(831.9)	(844.6)	(508.0)	(933.5)	(762.0)

NOTE: Standard Left Hand (LH) projection on conveyors means from the inlet end facing the discharge end the drive arrangement will be on the left hand side.



# CHIEF HORIZONTAL CHAIN CONVEYOR CAPACITIES

PROFILE		CHAIN	SPRKT.		1 FPM	78 FPM	98 FPM	118 FPM	138 FPM	157 FPM	177 FPM
W	H		TEETH		.005 M/S	0.40 M/S	0.50 M/S	0.60 M/S	0.70 M/S	0.80 M/S	0.90 M/S
9 X 9	81X	8	CFH	20	1553	1952	2350	2748	3127	3525	
			BPH	16	1243	1561	1880	2199	2501	2820	
			MTPH	0.41	32	40	48	56	64	72	
9 X 13	81X	12	CFH	30	2364	2970	3576	4182	4758	5364	
			BPH	24	1891	2376	2861	3346	3806	4291	
	3.75SBR	8	MTPH	1	48	61	73	85	97	110	
13 X 13	81X	12	CFH	44	3445	4328	5211	6094	6933	7816	
			BPH	35	2756	3462	4169	4875	5547	6253	
	3.75SBR	8	MTPH	1	70	88	106	124	142	160	
13 X 15	81X	14	CFH	54	4232	5317	6402	7487	8518	9603	
			BPH	43	3385	4254	5122	5990	6814	7682	
	3.75SBR	10	MTPH	1	86	109	131	153	174	196	
13 X 17	81X	17	CFH	64	5019	6306	7593	8880	10103	11390	
			BPH	52	4015	5045	6074	7104	8082	9112	
	3.75SBR	12	MTPH	1	102	129	155	181	206	232	
15 X 17	81X	17	CFH	74	5806	7295	8784	10273	11687	13176	
			BPH	60	4645	5836	7027	8218	9350	10541	
	3.75SBR	12	MTPH	2	119	149	179	210	239	269	
15 X 21	81X	21	CFH	98	7628	9584	11540	13496	15354	17310	
			BPH	78	6102	7667	9232	10797	12283	13848	
	3.75SBR	15	MTPH	2	156	196	236	275	313	353	
17 X 17	81X	17	CFH	85	6594	8284	9975	11666	13272	14963	
			BPH	68	5275	6628	7980	9333	10618	11970	
	3.75SBR	12	MTPH	2	135	169	204	238	271	305	
17 X 21	3.75SBR	15	CFH	111	8662	10884	13105	15326	17436	19657	
			BPH	89	6930	8707	10484	12261	13949	15726	
			MTPH	2	177	222	267	313	356	401	
21 X 21	3.75SBR	15	CFH	138	10731	13483	16234	18986	21600	24351	
			BPH	110	8585	10786	12987	15189	17280	19481	
			MTPH	3	219	275	331	388	441	497	
21 X 27	3.75 SBR	20	CFH	187	14575	18312	22049	25786	29337	33074	
			BPH	150	11660	14650	17639	20629	23469	26459	
	6.024 KN	12	MTPH	4	297	374	450	526	599	675	
27 X 21	3.75 SBR	15	CFH	177	13834	17381	20928	24475	27845	31392	
			BPH	142	11067	13905	16743	19580	22276	25114	
			MTPH	4	282	355	427	500	568	641	
27 X 27	3.75 SBR	20	CFH	241	18789	23607	28425	33243	37820	42637	
			BPH	193	15032	18886	22740	26594	30256	34110	
	6.024 KN	12	MTPH	5	384	482	580	678	772	870	
33 X 27	3.75 SBR	20	CFH	295	23004	28902	34801	40699	46303	52201	
			BPH	236	18403	23122	27841	32559	37042	41761	
	6.024 KN	12	MTPH	6	470	590	710	831	945	1065	
33 X 33	3.75 SBR	24	CFH	373	29071	36525	43979	51433	58514	65968	
			BPH	298	23257	29220	35183	41146	46811	52775	
	6.024 KN	15	MTPH	8	593	745	898	1050	1194	1346	

BPH based on #2 corn @ 56 LBS/BU

MTPH based on 45 LBS/CUBIC FT MATERIAL

NOTE: Standard Left Hand (LH) projection on conveyors means from the inlet end facing the discharge end the drive arrangement will be on the left hand side.

CFH: Cubic Feet/Hour    BPH: Bushel/Hour    MTPH: Metric Ton/Hour    FPM: Feet/Minute    M/S: Meters/Second