



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