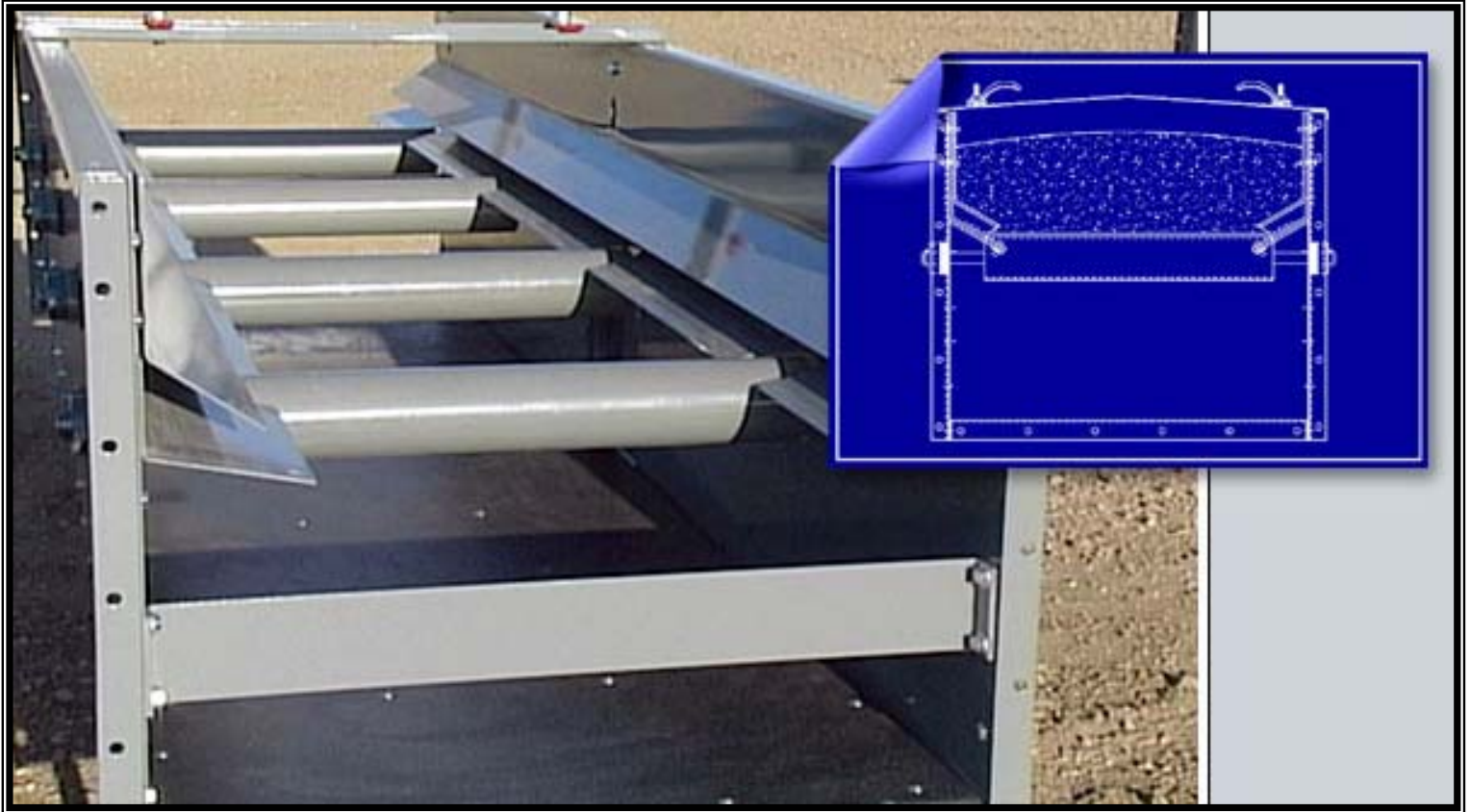


Hi Bulk Conveyor



The Hi Bulk Conveyor is an “En Masse” Belt Conveyor designed to move large quantities of materials in limited space. Developed for unique situations, such as retrofits where it is necessary to move larger quantities of materials in the current space.

- **Belt supported by the Flat Carrying idlers**
- **Belt edges supported by the trough side slide**
- **Product is conveyed “en masse” to the side walls allowing for more product to be conveyed along a given window of restricted space.**



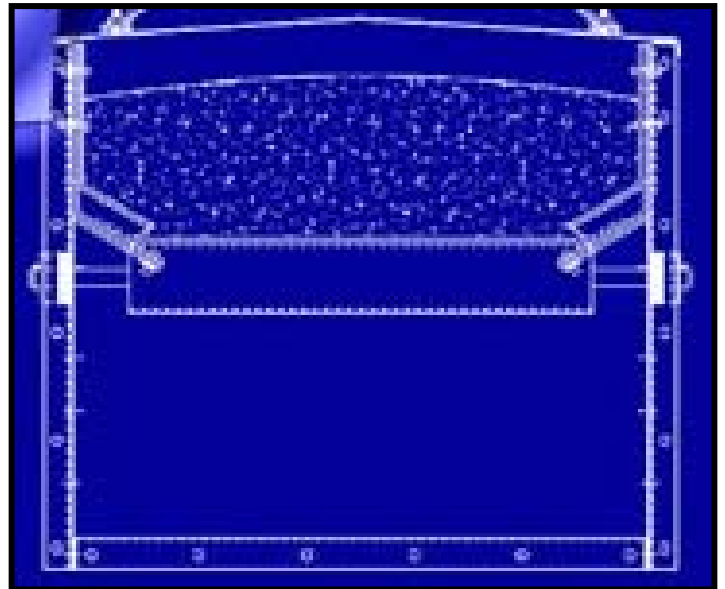
Designs and specifications are subject to change without notice!

The Perfect Solution

As with all Hi Roller conveyors, the Hi Bulk is custom designed and built to your specific requirements. Hi Roller will assist you to determine the best combination of performance and cost to provide you with the safest, most cost effective solution to suit your needs today and in the future.

Designed for safe, gentle and efficient handling of dry bulk materials such as:

- Grain
- Borax
- Cement
- Fertilizers
- Absorbent Clay
- . . . nearly any dry bulk material!



Hi Bulk Capacities:

The following pages have some examples of the capacities of the Hi Bulk Conveyor. These are only examples of a few of the different designs and capacities available. Please contact the Hi Roller Conveyors Engineering Department to review the project design requirements.



Designs and specifications are subject to change without notice!



HI BULK - CAPACITIES

(CFH, BPH & MTPH)

5" (127 mm) PRODUCT DEPTH ON BELT (WATER LEVEL)

5 " DEEP		BELT SPEED - FPM & M/S				
		RECOMMENDED SPEED				
		400	450	500	550	600
MODEL	UNITS	2.03	2.29	2.54	2.79	3.05
18	CFPH	15,000	16,875	18,750	20,625	22,500
	BPH	12,054	13,561	15,068	16,574	18,081
	MTPH	327	368	408	449	490
22	CFPH	18,333	20,625	22,917	25,208	27,500
	BPH	14,733	16,574	18,416	20,257	22,099
	MTPH	399	449	499	549	599
26	CFPH	21,667	24,375	27,083	29,792	32,500
	BPH	17,411	19,588	21,764	23,941	26,117
	MTPH	472	531	590	649	708
30	CFPH	25,000	28,125	31,250	34,375	37,500
	BPH	20,090	22,601	25,113	27,624	30,135
	MTPH	544	613	681	749	817
36	CFPH	30,000	33,750	37,500	41,250	45,000
	BPH	24,108	27,122	30,135	33,149	36,162
	MTPH	653	735	817	898	980
42	CFPH	35,000	39,375	43,750	48,125	52,500
	BPH	28,126	31,642	35,158	38,673	42,189
	MTPH	762	858	953	1,048	1,143
48	CFPH	40,000	45,000	50,000	55,000	60,000
	BPH	32,144	36,162	40,180	44,198	48,216
	MTPH	871	980	1,089	1,198	1,307

Designs and specifications are subject to change without notice. Hi Roller Conveyors are manufactured under several Patents and Pending Patents. / IDN / 7-18-2005

FPM = Feet Per Minute - M/S = Meters Per Second - BPH = Bushels Per Hour - CFPH = Cubic Feet Per Hour - MTPH = Metric Tons Per Hour (Based upon 769 Kg Per Cubic Meter) & Capacities are Based upon a horizontal installation and even belt loading.

HI BULK - CAPACITIES

(CFH, BPH & MTPH)

6" (152 mm) PRODUCT DEPTH ON BELT (WATER LEVEL)

6" DEEP		BELT SPEED - FPM & M/S				
				RECOMMENDED SPEED		
		400	450	500	550	600
MODEL	UNITS	2.03	2.29	2.54	2.79	3.05
18	CFPH	18,000	20,250	22,500	24,750	27,000
	BPH	14,465	16,273	18,081	19,889	21,697
	MTPH	392	441	490	539	588
22	CFPH	22,000	24,750	27,500	30,250	33,000
	BPH	17,679	19,889	22,099	24,309	26,519
	MTPH	479	539	599	659	719
26	CFPH	26,000	29,250	32,500	35,750	39,000
	BPH	20,894	23,505	26,117	28,729	31,340
	MTPH	566	637	708	779	849
30	CFPH	30,000	33,750	37,500	41,250	45,000
	BPH	24,108	27,122	30,135	33,149	36,162
	MTPH	653	735	817	898	980
36	CFPH	36,000	40,500	45,000	49,500	54,000
	BPH	28,930	32,546	36,162	39,778	43,394
	MTPH	784	882	980	1,078	1,176
42	CFPH	42,000	47,250	52,500	57,750	63,000
	BPH	33,751	37,970	42,189	46,408	50,627
	MTPH	915	1,029	1,143	1,258	1,372
48	CFPH	48,000	54,000	60,000	66,000	72,000
	BPH	38,573	43,394	48,216	53,038	57,859
	MTPH	1,045	1,176	1,307	1,437	1,568

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