Sudenga INDUSTRIES, INC.

HORIZONTAL BELT CONVEYOR

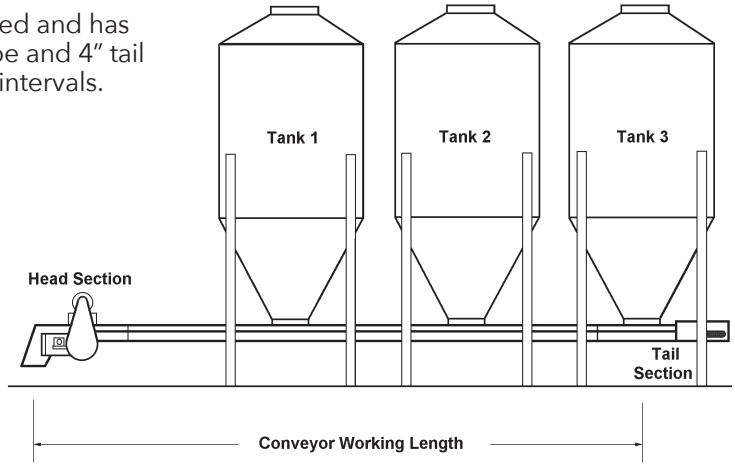
- 5000 CFH capacity
- Runs to 100 feet
- 400 FPM belt speed

CONVEYORS CAN BE MOUNTED ON STANDS OR SUSPENDED FROM HOPPER BINS.

FAST, CONVENIENT LOADING FROM HOPPER TANKS

Friction surface belting rides on an expanded metal slider bed and has an "S" wrap drive. The 8" head pulley is a lagged rubber type and 4" tail pulley is steel. Return rollers with ball bearings are on 10 ft. intervals.

12" square transitions make quick tank-to-conveyor connections.



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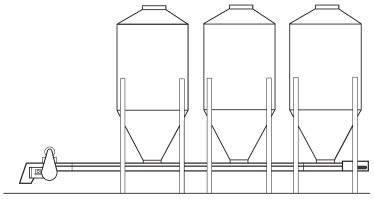
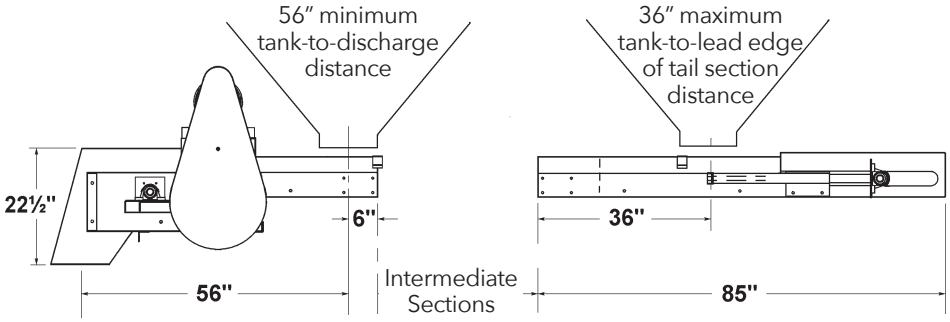


Determining the length of intermediate conveyor sections:

Conveyors consist of a head, tail, and intermediate sections. The conveyor working length (from the center of the last bin to the conveyor outlet) determines the length of intermediate conveyor required. The chart shows the intermediate length and horsepower required, based on working length.

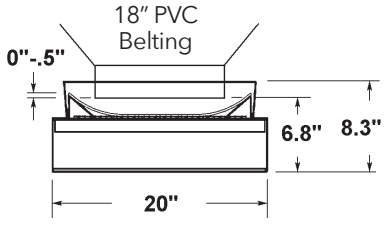


HEAD SECTION

The center of the first tank must be at least 56" from the conveyor outlet to clear the motor (based on a 12" tank outlet).

TAIL SECTION

The last tank can be placed on the tail section up to 36" from the lead edge.



For maximum efficiency, the bottom of the tank outlets should be level with the outer top edges of the belt or extend ½" below the edges.

Working Length	Intermediate Length	HP Req.
8'-2"	0'	5
10'-2"	2'	5
13'-2"	5'	5
15'-2"	7'	5
18'-2"	10'	5
20'-2"	12'	5
23'-2"	15'	5
25'-2"	17'	5
28'-2"	20'	5
30'-2"	22'	5
33'-2"	25'	5
35'-2"	27'	5
38'-2"	30'	5
40'-2"	32'	5
43'-2"	35'	5
45'-2"	37'	5
48'-2"	40'	7½
50'-2"	42'	7½
53'-2"	45'	7½
55'-2"	47'	7½
58'-2"	50'	7½
60'-2"	52'	7½
63'-2"	55'	7½
65'-2"	57'	7½
68'-2"	60'	10
70'-2"	62'	10
73'-2"	65'	10
75'-2"	67'	10
78'-2"	70'	10
80'-2"	72'	10
83'-2"	75'	10
85'-2"	77'	10
88'-2"	80'	10
90'-2"	82'	10
93'-2"	85'	10
95'-2"	87'	10
98'-2"	90'	10
100'-2"	92'	10

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