

TUBULAR CHAIN CONVEYOR - TECHNICAL DATA

CONVEYING CAPABILITIES

*Subject to material density, granulometry, particle size, chemical characteristics and system usage per day.

TYPE 115 (4" DIAGONAL PIPE)

Volumetric Feed (ft³/hr)	10	50	100	150	200	300	400
Horsepower	0.75	0.75	1	1.5	2	3	3
Linear Speed (ft/min)	2	12	24	37	49	74	98

ADDITIONAL CONSIDERATIONS FOR ALL TYPES

- Conveying capacities are theoretical and represent 100% filling.
- Product Temperatures up to 750°F. or more with a cooling jacket.
- Maximum Length = 250 ft. per conveyor
- Maximum Height = 100 ft. per conveyor

TYPE 140 (5" DIAGONAL PIPE)

Volumetric Feed (ft³/hr.)	50	100	150	200	300	350	400	450	500	550	600
Horsepower	0.75	0.75	1	1.5	2	3	3	3	5	5	5
Linear Speed (ft/min.)	7	15	22	30	44	52	59	67	74	82	89

TYPE 160 (6" DIAGONAL PIPE)

Volumetric Feed (ft³/hr.)	100	200	400	500	600	700	800	900	1000
Powerhouse	2	3	5	5	7.5	7.5	7.5	10	10
Linear Speed (ft/min.)	11	23	46	57	68	80	91	102	114

TYPE 200 (8" DIAGONAL PIPE)

Volumetric Feed (ft³/hr.)	400	500	600	800	900	1000	1100	1200	1300	1400	1500	1600
Horsepower	3	5	5	7.5	7.5	7.5	10	10	10	15	15	15
Linear Speed (ft/min.)	26	33	40	53	59	66	73	79	86	92	99	106

TYPE 270 (10" DIAGONAL PIPE)

Volumetric Feed (ft³/hr.)	300	400	500	700	900	1100	1400	1600	1800	2000	2200	2400	2600
Horsepower	3	3	5	5	7.5	7.5	10	10	15	15	15	20	20
Linear Speed (ft/min.)	12	16	20	28	36	44	55	63	71	79	87	95	103