

GRAIN > DRAG CHAIN CONVEYORS >
INCLINE CONVEYORS

Incline drag chain conveyors are ideal for conveying grain from pits to legs, underground or overhead - wherever high capacities are required. Drag conveyors feature low-maintenance and low horsepower requirements per bushel compared to an auger.



Sudenga®
INDUSTRIES, INC.



- Rack and pinion outlets with electric or manual opener
- Inclines available up to 60 degrees and capacities up to 25,000 BPH
- Galvanized construction and multiple inlet/outlet configurations ensure ease of installation and use for years to come.

Learn more
or get a quote



1-888-SUDENGA | 1-712-475-3301 | Fax: 1-712-475-3320
PO Box 8, 2002 Kingbird Ave., George, IA 51237 USA
sales@sudenga.com | www.sudenga.com

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INCLINE CONVEYORS

Incline Drag Chain Conveyors are ideal for conveying grain from pits to legs, underground or overhead—wherever high capacities are required. Drag conveyors feature low-maintenance and low horsepower requirements per bushel compared to an auger. Galvanized construction and multiple inlet/outlet configurations ensure ease of installation and use for years of commercial use. Inclines available up to 60 degrees and capacities up to 25,000 bushels per hour.



BPH AT A GLANCE

Model	BPH
1213 IC	1500 - 3000
1219 IC	3100 - 4500
1621 IC	5000 - 6800
2021 IC	7500 - 8500
2227 IC	10,000 - 12,500
2531 IC	15,000 - 17,500
3038 IC	20,000 - 25,000

Choose a conveyor and chain speed based on capacity required. Choosing a larger conveyor running at slower speeds requires less maintenance than smaller conveyors running at faster speeds. Also, capacities can be raised later, if needed. NOTE: The angle of incline does not significantly alter capacities due to paddle design. Use the capacity figures, below, for all inclines to 45°.



■ **Head Section:** Flame cut sprockets on shafts up to 6-1/2" (based on conveyor size); outboard mount pillow block bearings; UHMW shaft dust seals; shaft mount helical drive

■ **Tail Section:** Flame cut sprockets on shafts up to 4-15/16" (based on conveyor size); threaded rods provide chain tension



DIMENSIONS & CAPACITIES

Model	Width	Height	BPH	FPM	RPM	BPH	FPM	RPM	BPH	FPM	RPM
1213 IC	12"	13"	1500	90	53	2200	131	75	3000	173	101
1219 IC	12"	19"	3100	125	41	4000	160	53	4500	180	59
1621 IC	16"	21"	5000	117	39	6800	170	56	—	—	—
2021 IC	20"	21"	7500	148	48	8500	170	56	—	—	—
2227 IC	22"	27"	10,000	138	34	12,500	174	43	—	—	—
2531 IC	25"	31"	15,000	140	28	17,500	165	33	—	—	—
3038 IC	30"	38"	20,000	120	20	25,000	150	25	—	—	—

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