

Enclosed Tubular Drag Cable and Disc Conveyors to Gently Convey Your Friable Materials

Compare conveyor systems below to determine which is the right conveyor system for your needs.

In comparison to other modes of conveyance, Cablevey stands out for our energy-efficiency. This chart below compares our most commonly used motor, 5HP... compared to other common means of conveying – like chain conveyors – using 2.5x more energy, to the use of pneumatic conveyors often using 10x more power.

Energy Efficient			
Electric Motor Operating Costs (Cablevey uses 1 to 7.5 HP Drive Units)			
Horsepower/ Kilowatts1	Full Load AMP	NEMA Efficiency	Annual Cost*
1	1.6	85.50%	\$419
5.4	7.2	89.50%	\$2,160
7.5	9.5	91.70%	\$2,928
12	16	91.70%	\$4,684
25	31.7	91.70%	\$9,758
50	63.4	91.70%	\$19,517

Based on 460V continuous run @ \$.12 per kilowatt hour

2000 Series - Maximum 75 Ft³/hour (2.12 M³)

2"-50mm



Cable Speed		Flow Rate			
Ft/Minute	Meter/Minute	Ft³/Hour	Lbs./Hour*	m³/Hour	Kg./Hour
40	12.19	30	1,200	.85	544
60	18.29	45	1,800	1.27	816
80	24.38	60	2,400	1.70	1,088
100	30.48	75	3,000	2.12	1,361

4000 Series - Maximum 525 Ft³/Hour (14.87 M³)

4"-100mm



Cable Speed		Flow Rate			
Ft/Minute	Meter/Minute	Ft³/Hour	Lbs./Hour*	m³/Hour	Kg./Hour
40	12.19	150	6,000	4.25	2,722
60	18.29	225	9,000	6.37	4,082
80	24.38	300	12,000	8.50	5,442
100	30.48	375	15,000	10.62	6,803
120	36.57	450	18,000	12.74	8,163
140	43	525	21,000	14.87	9,524

6000 Series - Maximum 1,240 Ft³/Hour (35.4 M³)

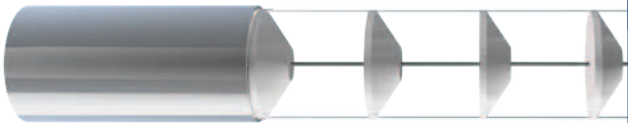
6"-150mm



Cable Speed		Flow Rate			
Ft/Minute	Meter/Minute	Ft³/Hour	Lbs./Hour*	m³/Hour	Kg./Hour
40	12	350	14,120	10	6,400
60	18	530	21,180	15	9,610
80	24	710	28,240	20	12,810
100	30	880	35,300	25	16,010
120	37	1,060	42,360	30	19,210
140	43	1,240	49,420	35	22,420

8000 Series - Maximum 2,000 Ft³/Hour (56.6 M³)

8"-203.2mm



Cable Speed		Flow Rate			
Ft/Minute	Meter/Minute	Ft³/Hour	Lbs./Hour*	m³/Hour	Kg./Hour
40	12	571	22,840	16	10,360
60	18	857	34,280	24	15,549
80	24	1,143	45,720	32	20,738
100	30	1,429	57,160	40	25,927
120	36	1,714	68,560	48	31,098
140	43	2,000	80,000	54	36,287

Based on 40 Lbs per Cubic Foot (640 Kg. per Cubic Meter)



Cablevey Conveyors

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- Energy-efficient
- Clean-in-Place Options
- Minimal Footprint
- Starts & Stops Under Load
- Gentle Handling – Less Breakage!
- Dust-Free Enclosed System – No Filters!
- Leader in Tubular Drag Conveying

Decades of Global Experience Worldwide Experts in Cable Conveying Solutions

48

Years in Business

66

Countries Served

900+

Products Moved

30,000+

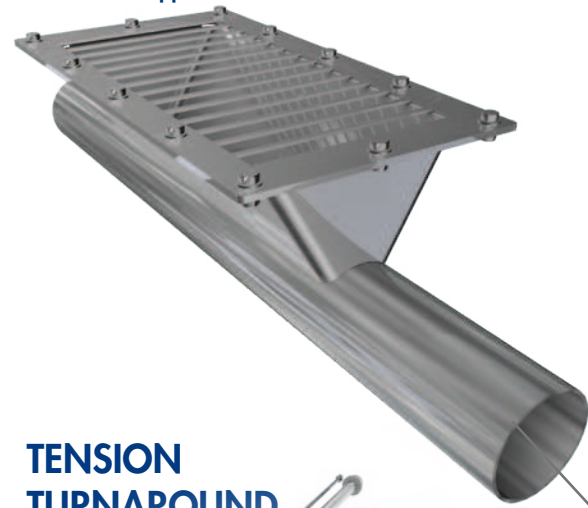
Conveyors Commissioned



Gentle Clean Reliable Conveying

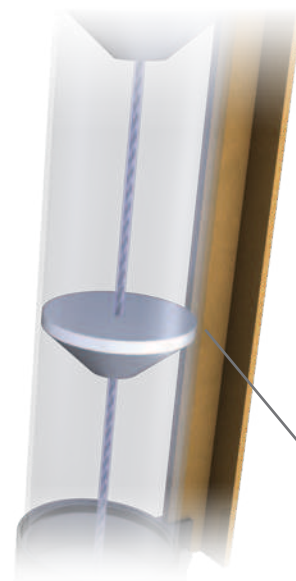
VARIOUS INLET TYPES

To Fit Your Application



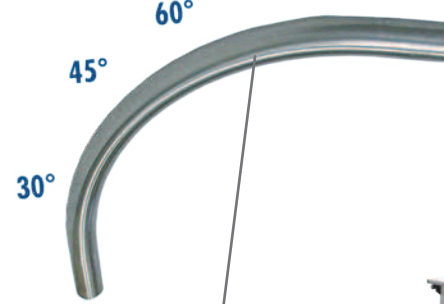
INSPECTION TUBE

Transparent View



DIRECTIONAL CHANGE

Sweep 30° 45° 60° 90°



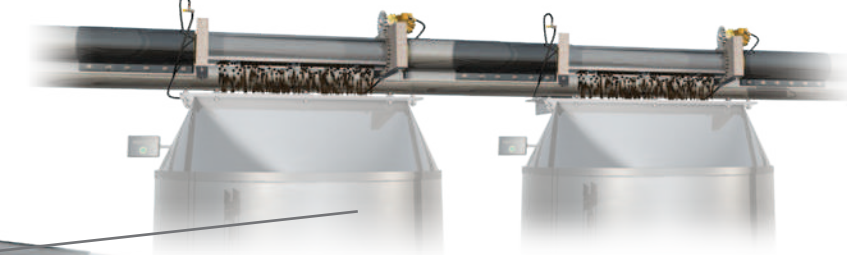
TOP ACCESS BRUSH BOX

Automatic Disc & Cable Cleaning



ROTARY DISCHARGE

Multiple Discharge Options (as needed) • Variable Position Discharge



TENSION TURNAROUND UNIT

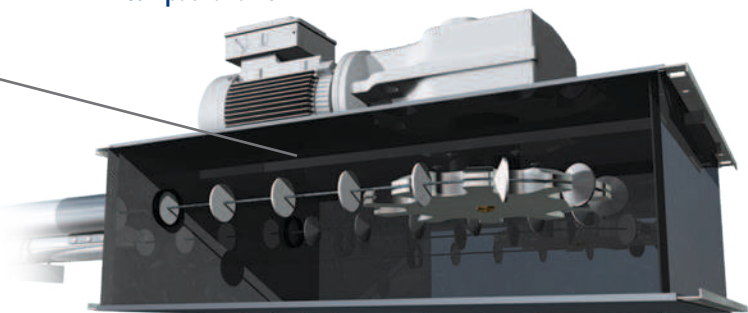
Self Adjusting

Pneumatic Tensioning Device for Cable Conveyor Tensioning



DRIVE UNIT

Compact and Low HP



THE HEART OF THE SYSTEM -

CABLE & DISCS

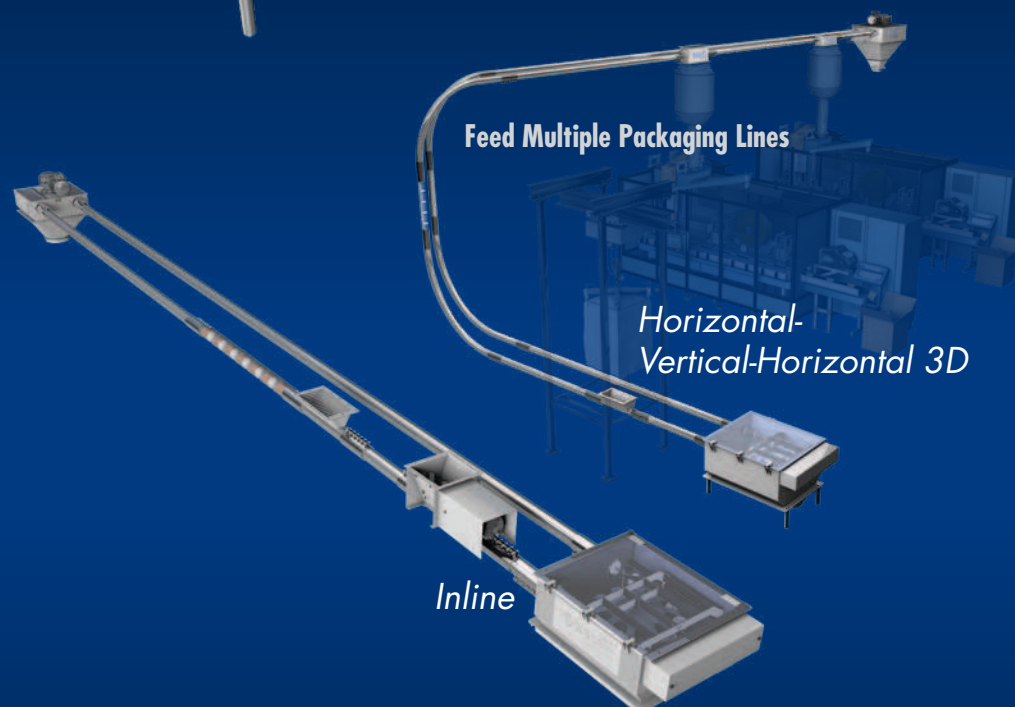
1-Piece, 2-Piece, Coated or Uncoated • Ultra-Flexible
• High-Tensile Strength • Durable Stainless Steel Cable.



Horizontal-Vertical-Horizontal

Various Layout Designs Available

Feed Multiple Packaging Lines



Horizontal-Vertical-Horizontal 3D

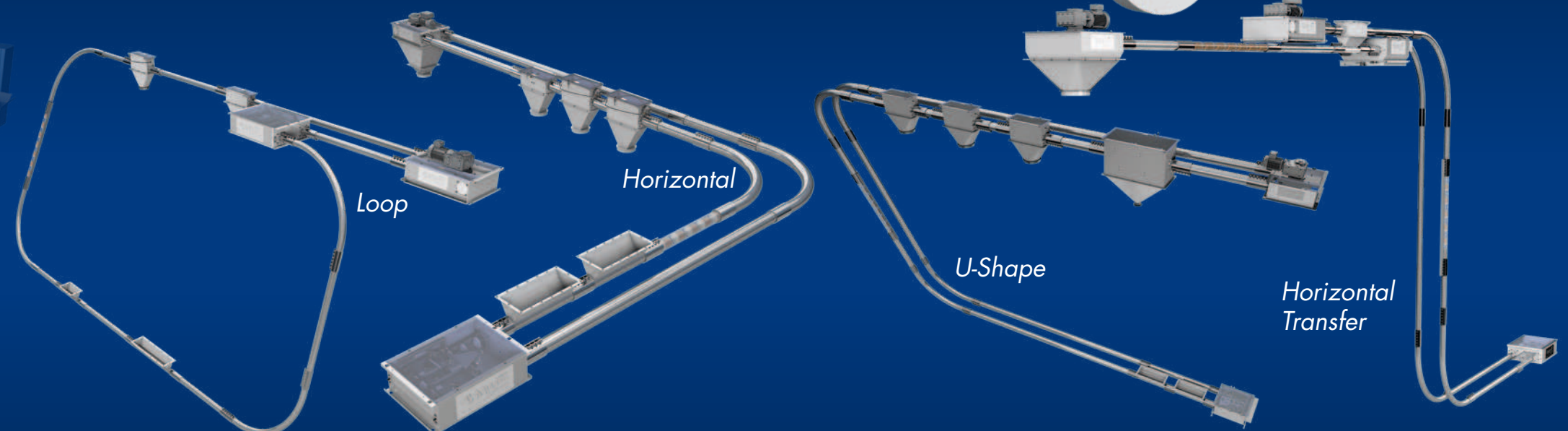
Inline

Loop

Horizontal

U-Shape

Horizontal Transfer



All Systems Customized to Your Specifications

Slow Speeds (VFD controlled) Fight Degradation and Separation!