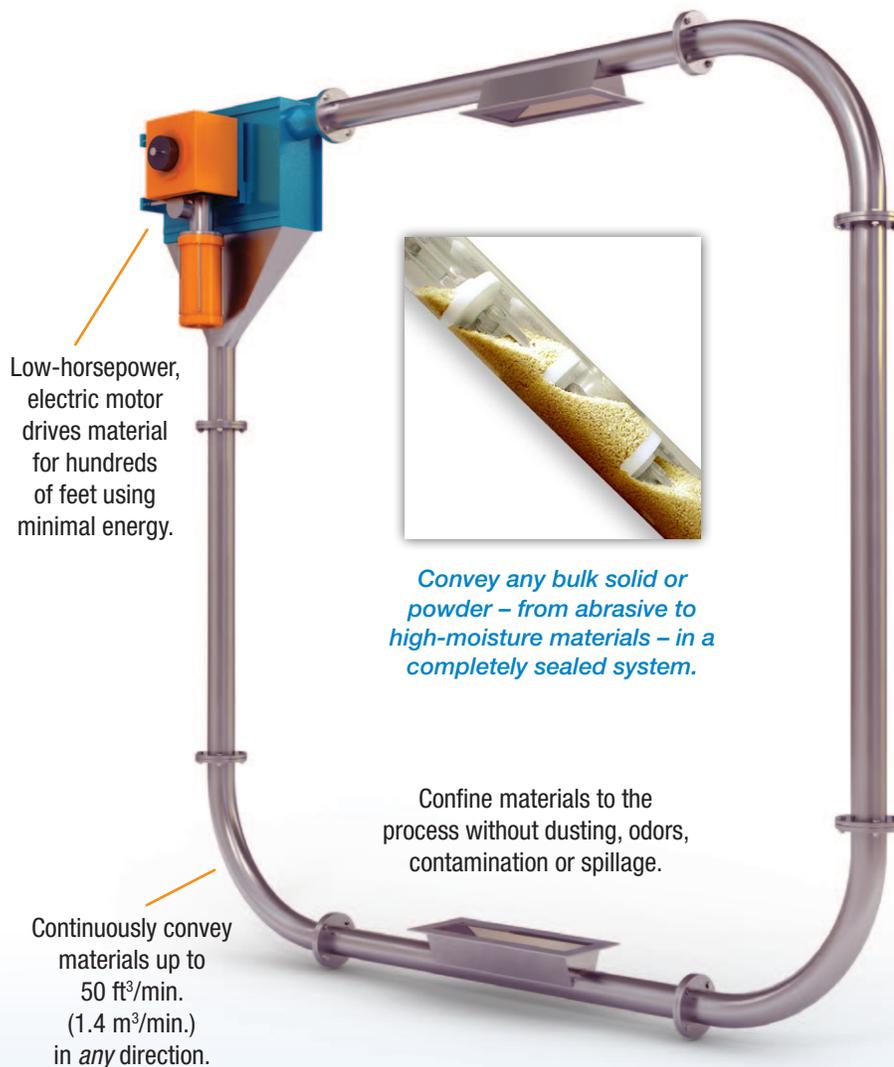


Continuously move material in *any* direction without dusting



Low-horsepower, electric motor drives material for hundreds of feet using minimal energy.



Convey any bulk solid or powder – from abrasive to high-moisture materials – in a completely sealed system.

Confine materials to the process without dusting, odors, contamination or spillage.

Continuously convey materials up to 50 ft³/min. (1.4 m³/min.) in *any* direction.

Prevent material from getting trapped with the exclusive, self-cleaning discharge gate.



Hapman engineers will select the correct chain and flight design to meet your specific requirements.



Improve product discharge with optional mechanical vibration that dislodges material from flights.



Keep material in and contaminants out.

- **Convey product in a completely sealed system.** The sprocket drive slowly pulls a heavy-duty chain through a fully enclosed casing. As the chain moves your material through the pipe there's less chance for dusting, explosions or product-spoiling contamination issues.
- **Use less energy than other conveyors** to move powders or bulk solids. The low-horsepower motor produces the slow, steady drag that cuts your energy costs.
- **Move challenging materials.** Convey high-moisture ingredients, abrasive, blended, friable, easy-to-compact or smear products without compromising quality.
- **One conveyor does the work of several, no problem.** Configure your tubular drag to convey your product vertically, horizontally, at any angle and around corners. Need more than one inlet/outlet in your process? Add as many as you need.



A true performance guarantee ensuring your Hapman equipment achieves the specific results it was designed and manufactured to deliver. And if you need technical support, call us. We are available 24/7.

HAPMAN

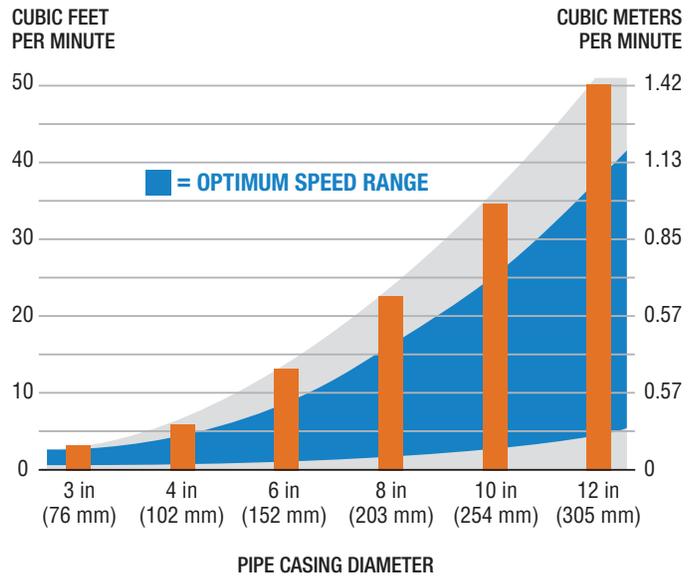
Ideas that move.™

CONVEYORS

Tubular Drag

Specifications

| | |
|------------------------------------|---|
| PIPE CASING DIAMETER | 3 in (76 mm) to 12 in (300 mm) diameter. See graph. |
| PIPE CASING MATERIAL | Carbon steel |
| | Stainless steel |
| CHAIN MATERIAL | Carbon steel |
| | Stainless steel |
| CIRCULAR FLIGHTS | Cast iron, ductile iron, nylon, stainless steel, UHMW polyethylene, Tivar® H.O.T. premium UHMW polyethylene or custom |
| MAXIMUM CONVEYANCE DISTANCE | 85 ft vertically (26 m) |
| | 400 ft horizontally (122 m) |

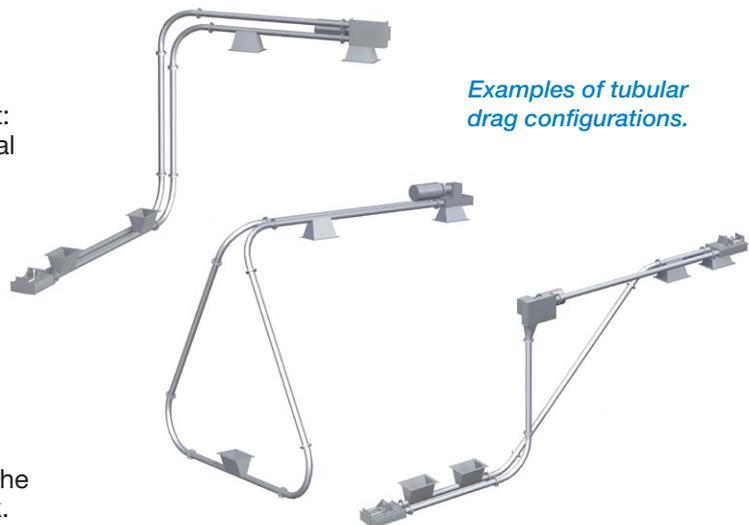


Custom-built systems convey your product to its destination.

Hapman's custom-built tubular drag systems move some of the toughest products up to hundreds of feet: hardened steel shot to bacon grease waste to fishmeal and bones to explosive materials. Our engineers can help you build a system based on your specific application needs:

- Process efficiency
- Plant environment/worker safety
- Material integrity (degradation/segregation)
- Energy consumption
- Maintenance requirements

With more than 70 years experience, we will get you the performance results you want – guaranteed. Let's talk.



VISIT WWW.HAPMAN.COM TO SEE HOW TUBULAR DRAG SYSTEMS:

- Reduced maintenance, dusting and reprocessing costs for a pellet fuel manufacturer.
- Improved smelting efficiency and yields for palladium and platinum mining operation.



800-427-6260 (US/Can) or 269-343-1675
fax 269-349-2477

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Take a free **TEST DRIVE!** Contact: sales@hapman.com

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