

TipTrak Bucket Conveyors

For Sticky Applications



TipTrak™ bucket conveyors provide the gentlest handling, least spillage, lowest maintenance, and quietest operation of any bucket conveyor system. Used in facilities the world over, TipTrak™ conveyors have become synonymous for unmatched reliability and performance in the conveying of bulk materials.

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Conveying sticky materials can pose a tough challenge for manufacturers and processors. These materials can adhere to equipment, significantly eroding productivity and throughput, and necessitating frequent stoppages to clear material buildup.

Successfully conveying sticky materials requires selecting and using equipment that is capable of moving these difficult-to-handle products. UniTrak has worked with many companies to help solve their sticky product conveying challenges and has developed special equipment options and modifications to resolve these issues.

Materials and products may adhere because they are inherently sticky and tend to cohere, because of the presence of moisture, or due to the build up of a static charge. A wide range of products can exhibit sticky characteristics, and the problem of successfully conveying sticky materials can be particularly acute in the food industry.

Sticky materials handled:

Candy sprinkles	Pastilles
Fruits & vegetables	Plastics
Coffee	Potting soil
Crumb rubber	Roasted nuts
Fresh pasta	Struvite
Garlic	Sugar
Granola	Tea
Gummy bears	Trail mix
Sweetened coconut	Wax flakes
Jelly bean centers	



QUESTIONS? PLEASE CONTACT US
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TipTrak™ bucket conveyor designs can be tailored specifically to service sticky material applications. TipTrak™ conveyors *customized* for sticky material processes have the following features:



Plastic buckets. TipTrak™ bucket conveyors are equipped with plastic buckets which minimize the risk of material adherence and build-up. UniTrak has over 40 different types and sizes of buckets available.

No entrapment sites. TipTrak™ designs can be modified as required to eliminate any ledges and other entrapment sites onto which sticky material can deposit and accumulate.

Infeed and discharge assists. To permit effective loading and emptying of sticky material from the conveyor, TipTrak conveyors can be equipped with infeed and discharge options. These include vibratory feeders to ensure effectual loading and bucket knockers to ensure the successful discharge of sticky material from the conveyor.



Elimination of static charge. TipTrak™ units can be supplied with full grounding and conductive bucket assemblies to dissipate any static charge that may lead to result in material adherence.

Wash down duty service. TipTrak™ bucket elevators can be supplied with wash down duty features to enable a fast cleaning cycle and rapid equipment turnaround. These features include stainless steel frame construction, a wash down duty motor, and stainless steel bearings and fasteners. CIP (Clean In Place) systems are also available

TipTrak™ bucket conveyors are designed to service a wide variety of bulk material conveying applications. With over 45 years of proven performance in facilities the world over, TipTrak™ bucket conveyors provide unmatched reliability in even the most demanding applications. TipTrak™ bucket conveyors are available in a wide range of constructions, sizes, and configurations, and every unit can be precisely customized for your application.