



# BULK MATERIAL HANDLING EQUIPMENT

## Doyle: The Stainless Steel Specialists

**T**he Doyle family has been building top quality bulk material handling equipment for three generations. By building a large volume of stainless steel products, they are considered the most efficient manufacturer of mixers in the United States. There are over 5,000 of these mixers in use around the world today.

**I**n addition to mixers, a full line of stainless steel conveyors and bucket elevators are manufactured.

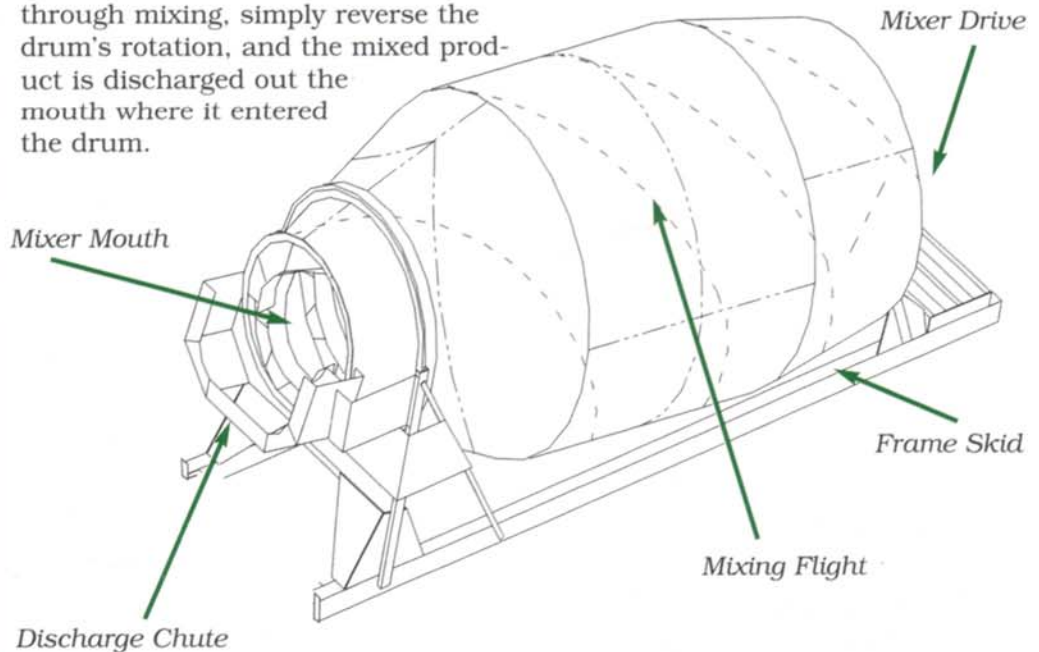
**C**all Doyle for their assistance in meeting your mixing or bulk material handling need. You will be glad you did.

\* Shown with optional dump hopper.



### Doyle 9.88 Yard Rotary Mixer

First built by Doyle Manufacturing in 1961, this family of rotary mixers are known for quality. To operate, load the individual ingredients into the mixer mouth, while the drum rotates clockwise. When through mixing, simply reverse the drum's rotation, and the mixed product is discharged out the mouth where it entered the drum.



### Specifications

Mixer Size	Yard Cap.	Length	Width	Height
2 Ton	2.47	11' 4"	5' 8"	6' 4"
5 Ton	6.17	13' 4"	7' 1"	7' 9"
6 Ton	7.41	14' 10"	7' 1"	7' 9"
8 Ton	9.88	16' 4"	7' 1"	8' 0"
10 Ton	12.35	19' 2"	7' 1"	8' 3"

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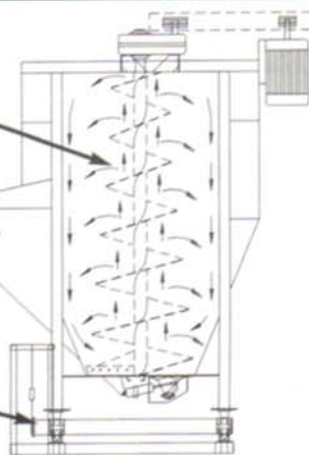
## Vertical Auger Weigh/Blend Systems

The Doyle taper screw vertical auger mixer is the mixer of choice for people blending dry prilled and granular materials. The majority of these mixers are scale mounted. Loaded by dumping materials into the side hopper, the 52 RPM, 40" to 22" tapered mixing auger pulls incoming material into the cone bottom tank. The auger then lifts and folds all material, achieving an accurate and gentle mix in a very short time. The mixture is then gravity discharged out the bottom of the tank.

Mix Auger Tapers  
From 40" To 22"

Inlet  
Hopper

Mixer Is Typically  
Mounted On Scales



## Conveyors

### Portable Belt

Choose a stainless or mild steel portable in widths of 12", 18", or 24", and in lengths up to 65'.



40'x24" Portable Tri-Roll



12'x24" Portable Undercar

### Overhead Conveyors

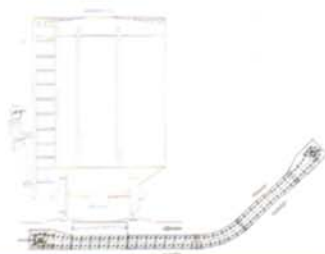


Doyle manufactures overhead belt conveyors in 16" and 20" widths, overhead augers, and overhead paddle drag conveyors.

At left: Gravity Tripper on 20" wide belt conveyor.

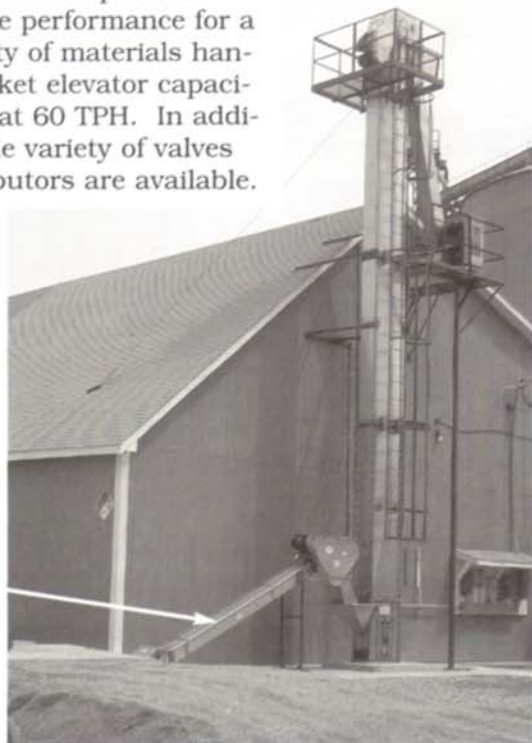
### Undertrack Conveyors

Paddle Drag or Chain-belt conveyors offer two clean and efficient methods for unloading rail cars or trucks.



## Belt Type Bucket Elevators

Doyle specializes in stainless steel bucket elevators that use PVC buckets on PVC belt. This combination provides dependable performance for a wide variety of materials handled. Bucket elevator capacities begin at 60 TPH. In addition, a wide variety of valves and distributors are available.



Leg at right is fed by a Doyle Chainbelt conveyor.

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