

Moline Portable Donut Cutter-Picker Unit



Provides synchronized and smooth donut processing in a portable, compact format.



- *Accommodates conveyor widths of 24" to 52".*
- *Easily controlled through the operator interface.*
- *Designed to be removed from the production system when not in use.*

The Moline portable donut cutter-picker is an efficient, compact design used to cut donuts and pick out the center holes as the dough sheet travels through the machine. The cutter is powered by the movement of the conveyor belt and activates the picker assembly via a series of chains. The cutter, picker rods and paddles are synchronized to "cut and pick" at the proper time for smooth, continuous operation. The donut holes that have been removed from the center of the donuts are then deposited onto a gearmotor-driven cross conveyor and removed from

the make-up table for reuse as scrap. Guards are safety interlocked to prevent access to the rotating components during operation. The unit is typically controlled through the production system's operator interface. Stainless steel construction provides efficient sanitation and durability.

The cutter-picker unit is designed to be removed from the production line when not in use. A portable lift frame can be purchased for easy machine removal and installation.



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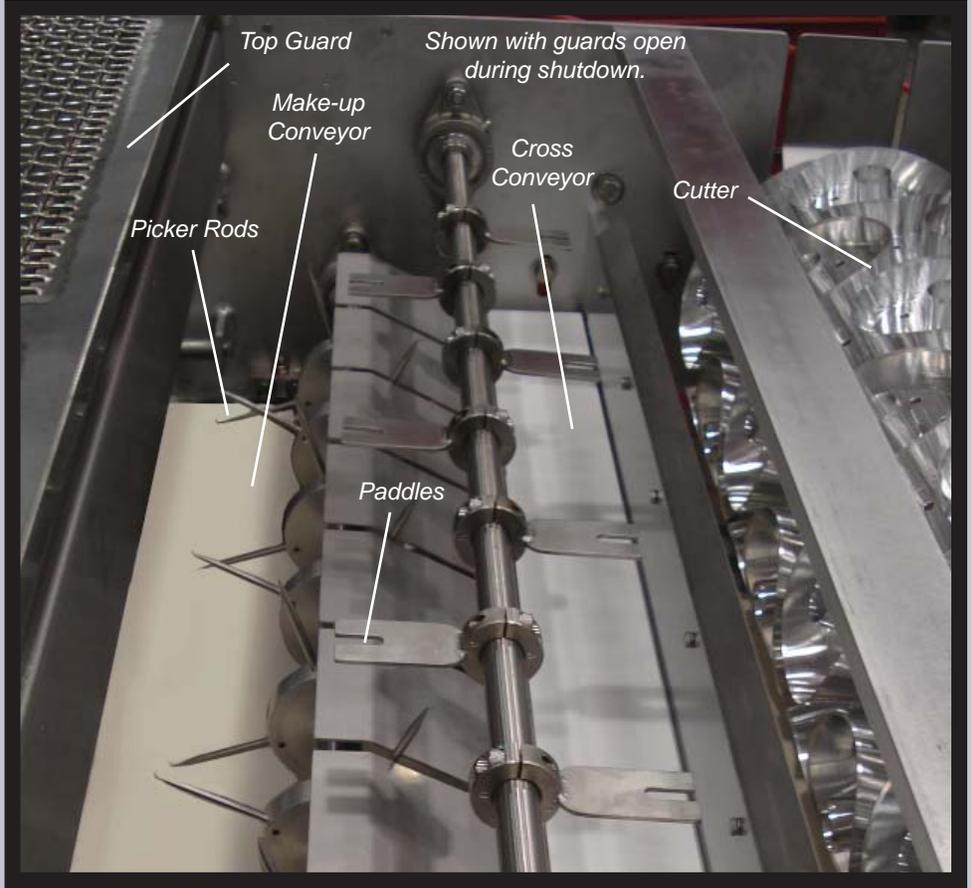


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Features

- Construction:**
 Stainless steel with precision machined components.
- Guards and Covers:**
 Safety interlocked guards prevent access during operation. Once the machine is shut down, easy access is provided for inspection, sanitation and maintenance.
- Control Functions:**
 The unit is typically controlled through the production system's operator interface. Manual controls are also available.
- Pneumatics:**
 Once the cutter-picker unit is properly installed on the conveyor, and the air is activated, the two air cylinders pull the unit down toward the conveyor bed, providing the appropriate pressure for cutting. Cylinders can be raised for transport.
- Drive Systems:**
 The cutter is driven by the action of the dough sheet moving beneath it on the conveyor bed. When the cutter begins to rotate, a series of chains provide activation to the picker and paddle assemblies. The cross conveyor is activated by a gearmotor.

An optional proximity sensor synchronizes the action of the cutter-picker unit with other equipment on the production system.



Portable Donut Cutter-Picker Unit (interior)

Pneumatic Requirements	5 cfm @ 100 psi					
Electrical Requirements	Standard: 115 Volt, 60 Hertz, 1 Phase					
Standard Available Machine Sizes						
Model	24"	32"	36"	39"	42"	48"
Belt Width	24" 610 mm	32" 813 mm	36" 914 mm	39" 991 mm	42" 1067 mm	48" 1219 mm
Conveyor Width	28" 711 mm	36" 914 mm	40" 1016 mm	43" 1092 mm	46" 1168 mm	52" 1321 mm
Overall Width	37" 940 mm	45" 1143 mm	49" 1245 mm	52" 1321 mm	55" 1397 mm	61" 1549 mm
Table Width	37" (940 mm) Required Table Space					



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