

Tramper D-3100

Denester for trays, pots, containers and lids



General description

The Tramper D-3100 is a compact and very reliable denester that separates trays, pots, containers and lids at high speeds. The Tramper's servo-driven denesting technique guarantees an effective and highly efficient operation.



- ▶ Smart servo-controlled denesting system
- ▶ Suitable for denesting both trays and lids
- ▶ Can be converted to another packaging format within 2 minutes



Servo-controlled denesting



Easy changeover!



Directly mounted over
any conveyor

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The servo-drive makes the denester multi-functional. The D-3100 can easily denest packages that have no nesting lugs or packages that are slightly hinged together. This denester features a servo-controlled drive of the separation and rotation movements of the packages. The servo-controlled drives guarantee maximum flexibility during denesting and also reduce the change-over time between the denesting of different packaging formats.

The format parts are equipped as an exchangeable cassette system. This allows for an easy and reliable changeover of various formats of packages, without the need for tooling. Every product format (length x width) has its own cassette.

The denester can be mounted directly over any packaging line. The denester is also available as a standalone unit with or without castors.

Technical specifications

Machine dimensions	1400 mm x 970 mm x 1100 mm (lxwxh = including exchangeable parts, excluding mounting frame)
Capacity	20-30 cycles per minute / 200-300 packages per minute (depending on format)
Denesting range	max. 1000 mm x 300 mm (lxw)
Electrical connection	400 VAC, 16 Amp
Compressed air consumption	± 200-300 litres per minute
Options	<ul style="list-style-type: none"> • (mobile) standalone unit • alert signal for empty tray or lid magazine • precision alignment • loading zone detection • remote service

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