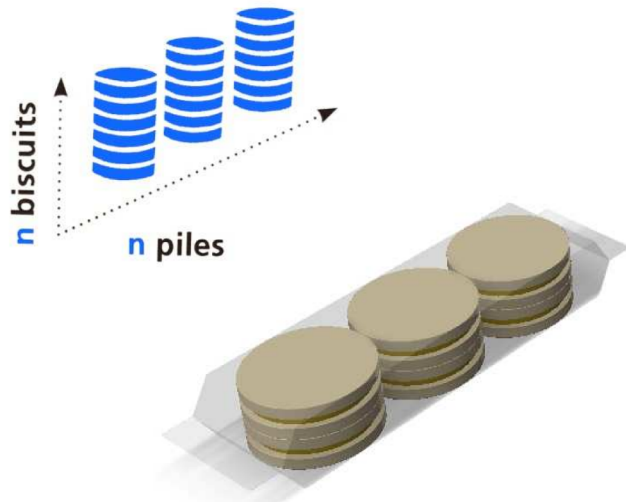


TPL Automated Pile Biscuit Loader

for Biscuits and Crackers on Piles

Quick, Gentle, Intuitive



Fully Automated Biscuit on Pile Feeder
Less Maintenance – Higher Performance

Master Technologies sets a new standard to biscuit packaging with its new fully automated packaging line. Proven servo technology cares for reliable and soft pile counting-portioning and gentlest transfer into the wrapping machine's chain. Thus leading to an exceptional packaging performance up to 500 piles per minute with 50 loading cycles.

The TPL Pile Loader can be assembled up to 12 channels and in the special version, can be manufactured with 16 or more channels.

The base TPL has 4 servomotors for the portioning, loading the piles. As option, thanks to the "Stop & GO" feature, each individual channels can be stopped automatically incase of missing products and restart, as well automatically, when products are available.

Intuitive touchscreen operation allows easy to set and memorize various piles format count recipes. The modern construction allows easy cleaning together with excellent accessibility all over the system. Working conditions can be visually inspected at any time. Altogether significantly reducing maintenance efforts.



Easy Maintenance

Visual inspection of working conditions thanks to large transparent front and back safety guards
Dedicated and well designed compact construction for excellent accessibility and easy cleaning



Flexible Product Change

Easy operation through intuitive touch screen to memorize different recipes
Adjustable handles with number indicators for different products length and width



Higher Reliability

Gentle product handling by proven servo-motors technology
Easy cleaning, easy format change, easy maintenance and safe operation increase the system availability
High Speed Operation

Technical data

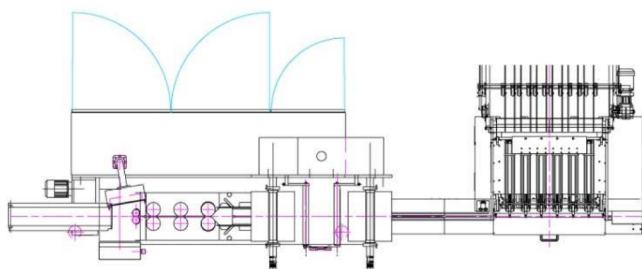
Speed	Up to 50 Cycles/min Up to 500 piles/min (depends by product)	Piles height	40 mm in Standard Version Up to 80mm in Special Version
Products size	Length 35 .. 70 mm Width 35 .. 70 mm Height 3 .. 10 mm Special Version available for bigger sizes	Power	3-phases, 380-400 V, 50/60 Hz
		Air	6 bar

Options

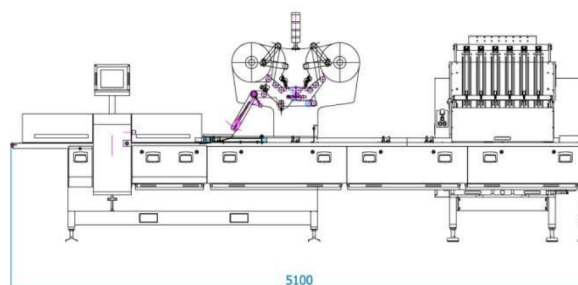
Stop & Go Device to prevent uncompleted piles
Up to 12 channels in Standard Version
Up to 25 channels in Special Version
Transparent guards for visual inspection

Biscuits Channeling Plates
Rotary or Penny Stacker Devices
Vibratory Channels
Accumulation Conveyors
High Speed Flow-pack wrapping machine

Top view



Front view



Related Products



Rotary Stacker

- Rotary Stacker with automatic drop of products on the below cross conveyor in case of full accumulation and wrappers stop
- Adjustable to different sizes of products



Tear Strip Applicator (crosswise)

- Continuous Motion Transversal Easy Opening Applicator
- Integrated into the Flow-Pack Wrapping Machine
- Up to 600 applications/min



www.mastertechnologies.eu

For more information

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Subject to technical changes.
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