

M Series

■ Description

The M-series is an intermittent vertical bagger for snacks, cereal, coffee, tea, rice, nuts, candy, granular, liquid and powder products in pillow or gusseted bag.

It can be integrated with various fillers to fulfil different packaging purposes, ranging from multi-head combination weighers, volumetric cup filler, volumetric piston filler, to auger filler.

The reel film is mounted at the back of the machine with our innovative shaft-less film reel clamping device. The tension roller assembly ensure the film's tension when entering the forming shoulder and the sta-

bility of the reel unwind mechanism. The shoulder forms the film into a tube shape, where it is sealed at the back and bottom by the vertical seal and transverse seal respectively. The product is dropped into the bag through the forming tube. Next, the bag is drawn downward by dual friction drawn belts, sealed at the top, and cut off to complete the packaging process.

The M-series is engineered to ease machine control and shorter maintenance / changeover time. Machine function time can be calibrated independently to match the flow rate of different products, to increase efficiency.



AG95-L Auger Filler
All-New Servo Power Control
Auger: Absolute Performance
on Powder Filling

M520 Bagger
Fully Automation Ready, Titus
III User Interface

**INC52 Takeaway Con-
veyor**
Enjoy Maintenance-Free
Modular Belt

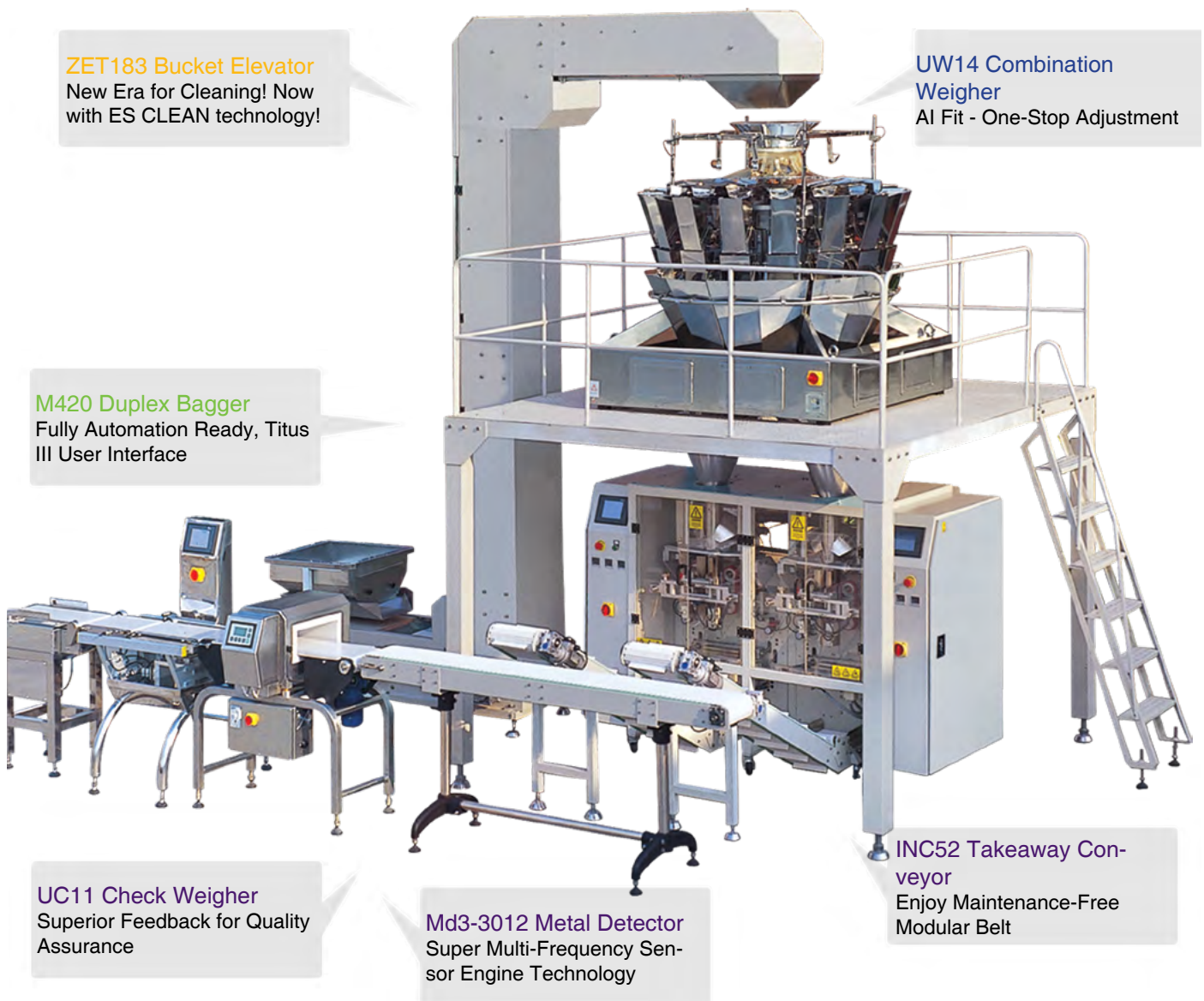


SW131 Screw Conveyor
New Era for Cleaning! The
Best Half-Open Screw!

Check Weigher
(Optional) Superior Feedback
for Precision Filling Control

RS-1200T Rotary Table
(Optional) Forged for Ultimate
Reliability Output Collection

Excel Packaging Equipment



ZET183 Bucket Elevator
New Era for Cleaning! Now with ES CLEAN technology!

UW14 Combination Weigher
AI Fit - One-Stop Adjustment

M420 Duplex Bagger
Fully Automation Ready, Titus III User Interface

UC11 Check Weigher
Superior Feedback for Quality Assurance

Md3-3012 Metal Detector
Super Multi-Frequency Sensor Engine Technology

INC52 Takeaway Conveyor
Enjoy Maintenance-Free Modular Belt

Advantages

- ★ Titus III human interface with ES clean technology
- ★ Automation-Ready - exclusive up-stream and downstream connection!
- ★ 7-inch OMRON colour touch screen
- ★ OMRON PLC
- ★ PANASONIC LX photoelectric sensor
- ★ OMRON E5CN digital temperature controller
- ★ air expellant - stack more, and get longer preservation time!
- ★ drawn belts pressure+ - dedicated pressure adjustment
- ★ servo power dual drawn belts - servo performance and response on every pack
- ★ shaft-less reel mounted
- ★ Teflon coated sealing jaws



M Series

GT115 Turntable Volumetric Cup Filler
Perfect for a Widespread of Granules!

M620 Bagger
Fully Automation Ready, Titus III User Interface

INC52 Takeaway Conveyor
(Optional) Enjoy Maintenance-Free Modular Belt



Vacuum Conveyor
(Optional) Superior and Compact Granule Loader!

INC132 Incline Conveyor
(Optional) New Era for Cleaning! The Convenient Solution!

RS-1200T Rotary Table
(Optional) Forged for Ultimate Reliability Output Collection

Options

- solid stainless steel 304 construction
- chaplet device for chain bags
- coding: hot stamp ribbon
- coding: thermal transfer
- film centring auto-correction device
- film static eliminator device
- gas flushing device
- gusseted bag forming device
- hole punching device (euro-hole / round-hole)
- impulse heat sealing system
- special voltage



Technical Specifications

	Unit	M 320	M 420	M 520	M 620
<i>bag style</i>		pillow or gusseted*			
<i>mechanical max. cycle/min</i>	cpm	60	60	55	50
<i>production bags/min</i>	bpm	55	50	45	35
<i>bag width</i>	mm	80 - 148	85 - 200	85 - 245	100 - 295
<i>bag length</i>	mm	70 - 280	70 - 310	70 - 390	70 - 500
<i>reel width max</i>	mm	185 - 320	195 - 420	195 - 520	225 - 620
<i>cutting style</i>		serrated			
<i>machine weight</i>	kg	380	390	430	480
<i>machine dimensions (width / depth / height)</i>	mm	1095 / 1420 / 1450	1160 / 1420 / 1540	1200 / 1420 / 1670	1250 / 1450 / 1670
<i>compressed air (ANR)</i>	NI/min	145 at 0.5 MPa			
<i>power</i>	kW	2.5		2.6	
<i>voltage</i>		220VAC, 50/60Hz, 1-Ph			