

# PIM

PACKAGING | INTERNATIONAL | MACHINERY

## EXPERTS ON THE FIELD

WEIGHING AND PACKAGING



# WHO WE ARE

Pim Machinery is a Dutch company with 35 years of world wide expertise in agricultural and industrial products. From weighers to automatic bag placers, sewing machines and crate fillers, we make it our mission to satisfy our customer's wishes. Our machines are the beating heart of your company.



# MACHINERY OVERVIEW

We design, build and install state of the art machines based on your specific needs while delivering speed and accuracy like no other. PIM Machinery also delivers turn-key solutions, from storage to transport, for a complete configuration and automatization of your line,

## WHAT WE DO



Multihead weighers



Packing and sewing machines



Automatic bag placers



Big Bag Fillers



Turn-key solutions

ABP

# AUTOMATIC BAG PLACER

The Automatic Bag Placer is a compact and cost efficient solution to fully automate the process of packaging products in single bags. The ABP is designed to be integrated with a packaging machine taking over the manual operations, greatly increasing the efficiency of packing single bags while still keeping the possibilities to quickly switch between packaging type or size.

- ✓ Compact and reliable design
- ✓ Suitable for seed potato and export market
- ✓ Suitable for multiple bag sizes
- ✓ Easily integrated with existing machinery
- ✓ Easy to use and operator friendly



## Suitable packaging type

Jute bags  
Net bags  
Woven fabric PP (Polypropylene)

## Suitable packaging dimensions

W: 12-24 inches  
L: 4 - 43 inches

## Packing range

22 lbs - 110 lbs

## Weight of machine

± 1653 lbs

## Power consumption

± 4 kW

## Voltage

3x 480/277V, -0- + ground, 60 Hz

## Air consumption

± 6 gpm, 6 bar

## Options/Upgrades

Extra bag magazine

## Recommended combinations

MHW - SAS

BBF

# BIG BAG FILLER

The Big Bag Filler has been engineered to ensure continuous and reliable filling of multiple sizes of big bags, making the process fast and efficient, not only in terms of product handling but also in fork lift usage and personnel requirements. Designed with moving filling platforms ensuring a decrease in distance of falling product.

- ✓ Continuous and reliable filling process
- ✓ Gentle product handling
- ✓ Suitable for multiple packaging sizes
- ✓ Automatic bag capacity control
- ✓ Robust and movable design
- ✓ Customizable with multiple options



## Suitable packaging type

Big bags

## Suitable packaging dimensions

W: 37 inches

L: 37 - 100 inches

## Packing range

Max. 2756 lbs

## Capacity (lbs/hr)

± 55116 lbs

## Weight of machine

± 3307 lbs

## Power consumption

± 4,75 kW

## Voltage

3x 480/277V, -0- + ground, 60 Hz

## Air consumption

± 0,13 gpm, 6 bar

## Belt height setting

- Weighing modules
- Extra heavy hoisting components
- Integrated compressor
- Walk-in security options
- Safety fencing options
- Speed controlled filling belt

## Recommended combinations

Elevator

BFL

# AUTOMATIC CRATE AND CARTON FILLER

The Automatic Crate and Carton Filler is the perfect complement for your box/ crate filling lines. A reliable design, easy to integrate with existing machinery and compatible with manual or automatic box/ crate feeding system.

- ✓ Adjustable for high variety of packaging and sizes
- ✓ Smart and reliable design
- ✓ Easily integrated and installed with existing machinery
- ✓ Suitable for eco-friendly packaging
- ✓ Creates separation between each filled box



## Suitable packaging type

Crates  
Boxes

## Suitable packaging dimensions

W: 11 - 19 inches

## Belt speed

Accumulation belt: 0,014 / s  
Transport belt: 0,025 / s

## Weight of machine

± 882 lbs

## Power consumption

± 1kW

## Voltage

3x 480/277V, -0- + ground, 60 Hz

## Air consumption

± 1,85 gpm, 6 bar

## Belt height setting

min. 26 inches  
max. 49 inches

## Recommended combinations

MHW

SAS

# SEMI-AUTOMATIC SEWING MACHINE

The Semi-Automatic Sewing machine is the solution for bag filling followed by an automatic closing of the opening using high quality sewing equipment. Designed specifically for loose single bags and manually adjustable for high variety of bag dimensions. The SAS is easy to operate and can be easily integrated with your weighing and packaging lines.

- ✓ Suitable for high variety of packaging sizes
- ✓ Suitable for high variety of products
- ✓ Reliable and low maintenance design
- ✓ Customizable for your specific situation
- ✓ Easy to use and operator friendly



## Suitable packaging type

Jute bags  
Net bags  
Woven fabric PP (Polypropylene)

## Packing range

22 - 110 lbs

## Capacity (bags/hr)

55 lbs: 600-750 bags/hr  
110 lbs: 450-550 bags/hr

## Weight of machine

± 1543 lbs

## Power consumption

± 3 kW

## Voltage

3x 480/277V, -0- + ground, 60 Hz

## Air consumption

± 3,96 gpm, 5 bar

## Options/Upgrades

- Double discharge-belt
- Along-moving side supports
- Configurable Sewing-head
- Certificate-dispenser
- Sewing thread break-detection
- Sewing needle break-detection
- Lint break-detection

## Recommended combinations

ABP

HAS

# AUTOMATIC ROLLSTOCK BAGGING & SEWING MACHINE

The Automatic bagging & sewing machine provides a fast and efficient system of filling bags and closing them using high quality sewing equipment. By the usage of a uniquely designed moving orifice system, the machine is known for a quick and reliable filling process while also handling the product in a gentle way. The HAS is designed for more conservative budgets with manual adjustments depending on the desired roll stock bag size. This makes it the ideal machine for fast and continues packaging using consistent weights and sizes.



- ✓ Gentle and efficient product handling
- ✓ Suitable for high variety of packaging sizes
- ✓ Suitable for high variety of products
- ✓ Reliable design
- ✓ Customizable for your specific situation

## Suitable packaging type

Roll stock mesh bags

## Packing range

5 - 55 lbs

## Capacity (bags/hr)

5 - 11 lbs: 1250 bags/hr

11 - 27 lbs: 1100 bags/hr

27 - 55 lbs: 1000 bags/hr

## Weight of machine

± 2205 lbs

## Power consumption

± 5,5 kW

## Voltage

3x 480/277V, -0- + ground, 60 Hz

## Air consumption

± 6,6 gpm, 8 bar

## Options/Upgrades

- Along-moving side supports
- Vibrating unit for better settlement
- Certificate-dispenser
- Configurable Sewing-head
- Sewing thread break-detection
- Sewing needle break-detection
- Lint break-detection
- Broken bag detection

## Recommended combinations

MHW

FAS

# AUTOMATIC ROLLSTOCK BAGGING & SEWING MACHINE

The automatic rollstock bagging & sewing machine provides a complete system for filling and closing bags by using high quality sewing equipment. The usage of a uniquely designed filling system makes the machine quick and reliable but also gentle while handling the product (even with bigger products). This automatic machine is designed with electrical controlled settings making it able to quickly switch between bag dimensions. This makes it perfect for fast paced and continuous packaging even with variable packaging in terms of weights and sizes.



- ✓ Gentle and efficient product handling
- ✓ Suitable for high variety of packaging sizes
- ✓ Automatic adjustable for quickly switching between bag sizes
- ✓ Suitable for high variety of products
- ✓ Reliable design
- ✓ Customizable for your specific situation

**Suitable packaging type**  
Roll stock mesh bags

**Packing range**  
5 - 55 lbs

**Capacity (bags/hr)**  
5 - 11 lbs: 1250 bags/hr  
11 - 27 lbs: 1100 bags/hr  
27 - 55 lbs: 1000 bags/hr

**Weight of machine**  
± 2425 lbs

**Power consumption**  
± 7 kW

**Voltage**  
3x 480/277V, -0- + ground, 60 Hz

**Air consumption**  
± 6,6 gpm, 8 bar

**Options/Upgrades**

- Along-moving side supports
- Vibrating unit for better settlement
- Certificate-dispenser

- Sewing thread break-detection
- Sewing needle break-detection
- Lint break-detection
- Broken bag detection

**Configurable**  
Configurable Sewing-head

**Recommended combinations**  
MHW

MHW10

# MULTI HEAD WEIGHER SINGLE ROW

The Multi Head Weigher 10 is a single row weigher with a compact design that can be easily intergraded to the rest of your existing line. The MHW10 contains a lot of customizable and adjustable features to offer you the most efficient weighing process according to your product and your priorities.

- ✓ Self-learning and adjusting product flow efficiency
- ✓ Suitable for both high precision and high speed operation
- ✓ Adjustable speed/precision ratio for the best efficiency in all situations
- ✓ Gentle product handling
- ✓ Smart, User-friendly and reliable design
- ✓ Customizable for the best efficiency according to your specific situation

## Discharge systems

- ✓ Side discharge - Single belt system
- ✓ Side discharge - Double belt system
- ✓ Mid front discharge



**Weighing range (discharge units):**  
2 - 110 lbs

11 lbs	1150 - 1300
22 lbs	900 - 1025
33 lbs	850 - 960
55 lbs	800 - 900
110 lbs	500 - 600

**Power consumption**  
± 2,5 kW

**Air consumption**  
± 1,45 gpm, 6-7 bar

**Voltage**  
3x 480/277V, 0- + ground, 60 Hz

**Capacity/Discharge system**  
(discharges per hour)

Single bi-directional belt	
2 lbs	1225 - 1375
5 lbs	1200 - 1350

Double bi-directional belt

2 lbs	1230 - 1385
5 lbs	1250 - 1375
11 lbs	1225 - 1375
22 lbs	1125 - 1350
33 lbs	1050 - 1340
55 lbs	1000 - 1320
110 lbs	620 - 725

Mid front discharge

2 lbs	1900 - 2450
5 lbs	1850 - 2400
11 lbs	1800 - 2350
22 lbs	1450 - 1850

## Options/Upgrades

- Configurable discharge systems
- Configurable weighing-buckets
- Configurable product seals & guidance
- Configurable product-detection & sensor systems
- Optional soft-landing
- Optional crate discharge system
- Optional operators platform

MHW12

# MULTI HEAD WEIGHER DOUBLE ROW

The Multi Head Weigher 12 is a double row weigher with a smaller design for the budget conscious customer who is looking for a precise and fast machine that can be easily integrated with their existing line. With the many customizable and adjustable features, the machine can be accurately set-up and fine-tuned according to your product type, capacity and demands. The MHW12 is known for its high-precision and speed ratio.



- ✓ Self-learning and adjusting product flow efficiency
- ✓ Suitable for high precision and high speed operation
- ✓ Adjustable speed/precision ratio for the best efficiency in all situations
- ✓ Gentle product handling
- ✓ Smart, User-friendly and reliable design
- ✓ Customizable for the best efficiency according to your specific situation

## Discharge systems

- ✓ Side discharge - Single belt system
- ✓ Side discharge - Double belt system

**Weighing range (discharge units):**  
2 - 110 lbs

11 lbs	1350 - 1450
22 lbs	1300 - 1450
33 lbs	1275 - 1400
55 lbs	1200 - 1375
110 lbs	650 - 700

**Power consumption**  
± 2,87 kW

**Air consumption**  
± 1,74 gpm, 6-7 bar

**Voltage**  
3x 480/277V, -0- + ground, 60 Hz

**Capacity/Discharge system**  
(discharges per hour)

Single bi-directional belt  
2 lbs 1350 - 1500  
5 lbs 1350 - 1500

Double bi-directional belt	
2 lbs	1900 - 2400
5 lbs	1870 - 2400
11 lbs	1800 - 2200
22 lbs	1500 - 2000
33 lbs	1450 - 1850
55 lbs	1400 - 1750
110 lbs	850 - 1020

## Options/Upgrades

- Configurable discharge systems
- Configurable weighing-buckets
- Configurable product seals & guidance
- Configurable product-detection & sensor systems
- Optional soft-landing
- Optional crate discharge system
- Optional operators platform

MHW16

# MULTI HEAD WEIGHER DOUBLE ROW

The Multi Head Weigher 16 is a double row weigher specially designed for processing bigger capacities with a high precision rate. Engineered with a double row of 8 buckets on each side controlled by uniquely developed continuous self-learning software, the MHW16 can process a high amount of weight combinations, translating into discharging you desired packaging weights with increased accuracy and faster operation speed.

- ✓ Self-learning and adjusting product flow efficiency
- ✓ Suitable for high precision and high speed operation
- ✓ Adjustable speed/precision ratio for the best efficiency in all situations
- ✓ Gentle product handling
- ✓ Smart, User-friendly and reliable design
- ✓ Customizable for the best efficiency according to your specific situation

## Discharge systems

- ✓ Side discharge - Single belt system
- ✓ Side discharge - Double belt system



**Weighing range (discharge units):**  
2 - 110 lbs

**Power consumption**  
± 2,87 kW

**Air consumption**  
± 2,30 gpm, 6-7 bar

**Voltage**  
3x 480/277V, -0- + ground, 60 Hz

**Capacity/Discharge system  
(discharges per hour)**

Single bi-directional belt

2 lbs	1350 - 1450
5 lbs	1350 - 1450
11 lbs	1350 - 1425
22 lbs	1350 - 1400
33 lbs	1350 - 1400
55 lbs	1250 - 1400
110 lbs	900 - 980

Double bi-directional belt

2 lbs	2450 - 2650
5 lbs	2450 - 2650
11 lbs	2400 - 2570
22 lbs	2030 - 2500
33 lbs	1975 - 2400

55 lbs	1900 - 2400
110 lbs	1200 - 1440

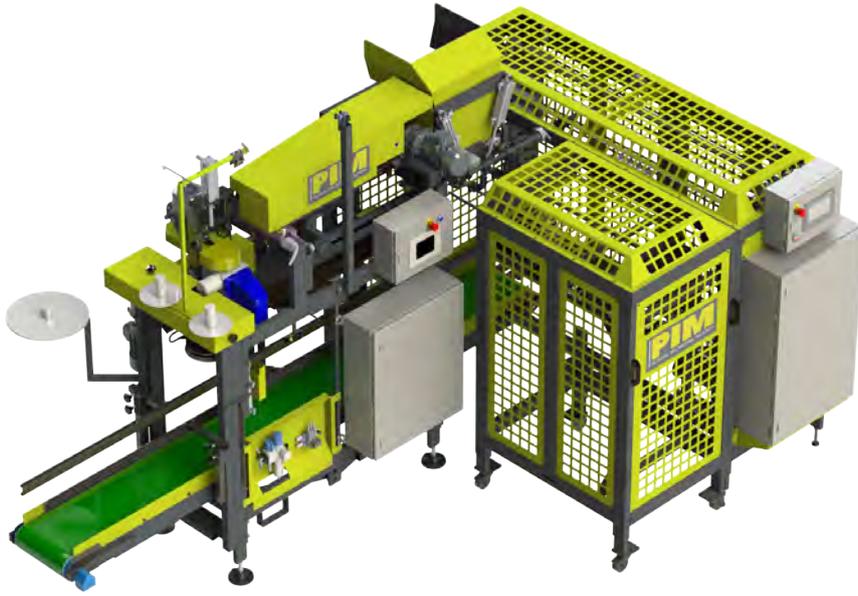
## Options/Upgrades

- Configurable discharge systems
- Configurable weighing-buckets
- Configurable product seals & guidance
- Configurable product-detection & sensor systems
- Optional soft-landing
- Optional crate discharge system
- Optional operators platform

# POSSIBLE COMBINATIONS

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ABP + SAS



MHW10 + ABP + SAS



# POSSIBLE COMBINATIONS

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Big Bag Filler + Elevator



MHW10 + BFL



# POSSIBLE COMBINATIONS

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MHW10 + HAS/FAS



MHW10 + HAS + SAS





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