

# PACKING MACHINERY UK

## LW-4 LINEAR WEIGHER

4 LANE LINEAR WEIGHER FOR 10G TO 2KG TARGET WEIGHTS

Maximum Speed: 40  
Number of Lanes: 4  
Minimum Target Weight: 10g

Maximum Target Weight: 2Kg  
Hopper Capacity: 3 litre  
Power Supply: 220VAC 50/60Hz

TEL: 0845 222 0 572

EMAIL: HELLO@PACKING-MACHINERY.CO.UK

PACKING MACHINERY UK IS A TRADING NAME OF JSO TECHNOLOGIES LTD  
REGISTERED ADDRESS: 18 BUCK BECK WAY, CLEETHORPES, NE LINCS, DN35 0RJ, UK

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# LW-4 LINEAR WEIGHER

OUR RANGE OF LINEAR WEIGHERS OFFER VERSITILITY, RELIABILITY AND SPEED. THEY ARE ALSO VERY EASY TO SETUP AND RUN.



## MANUAL, SEMI OR FULLY AUTOMATIC OPERATION

Our linear weighers can be used as a completely automatic system when interfaced with a feed-system and packing machine, or they can also be used as a semi-automatic or manual system via foot-pedal or push-button operation whilst located on a frame allowing the operator to manually offer pre-made bags, pouches, pots, trays and other types of packaging for the weigher to fill.

## SINGLE PRODUCT OR MIXED WEIGHING

As well as using each lane to weigh the same product, this machine can also be used to weigh two to four separate products into a mix. It's as simple as setting the overall mixed target weight and the individual component target weights per lane.

## MODULAR SYSTEM FOR CLEANING

Our linear weighers have been designed so that all of the main contact surfaces dismantle and separate for ease of cleaning and hygiene. Just lift each piece off, wash and drop them back on ready to run again.

## DIMPLED VERSIONS FOR STICKY PRODUCTS

We can supply these linear weighers with either smooth stainless steel contact surfaces for dry free flowing products or with dimpled stainless steel contact surfaces to help move stickier, less free flowing products.



12 MONTH WARRANTY  
INSTALLATION & TRAINING AVAILABLE  
FULL UK PARTS AND SERVICE



# HOW IT WORKS

## FILL THE REAR HOPPER WITH YOUR PRODUCT

1

The rear hopper can be filled either by pouring in your raw material directly or it can be fed by an automatic feed system such as an elevator, lift or conveyor system.



## PRODUCT VIBRATES INTO THE WEIGH HOPPERS

2

Once the machine has been setup correctly, the product will start to vibrate along the feed vibrators into the weigh hoppers.



## PRODUCT IS WEIGHED AS IT FILLS

3

As the product fills into the weigh hoppers, a load cell built into the weigh hopper module weighs how much product is inside and stops the flow of product once it has reached the desired target weight.



## PRODUCT IS DISCHARGED BELOW

4

Once a weigh hopper has filled to the correct weight, the product can then be discharged. This is done by sending a signal to the weigher, either from another automatic packing machine or manually via a button or foot pedal. Once the product is released, the hopper will begin to refill.



## A FULLY AUTOMATIC PACKING LINE

Here is an example of a fully automatic weighing and packing line utilising a 2 lane linear weigher.

It is automatically fed by a bucket elevator and discharges into an automatic bag forming and sealing machine.

Finished bags are then elevated and presented onto a rotary packing table.