MARSDEN

I-500 Scales

Programmable Industrial Weighing Solutions

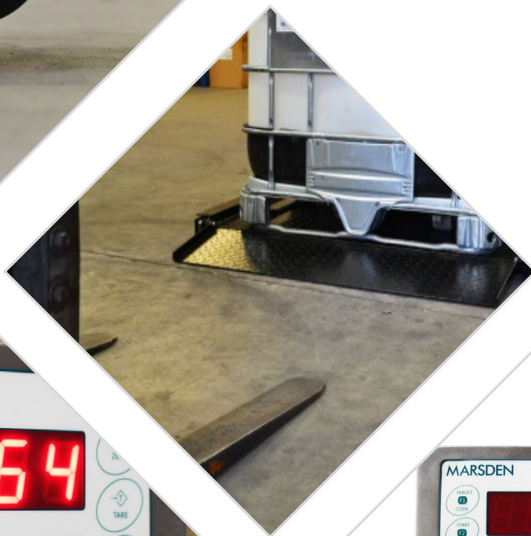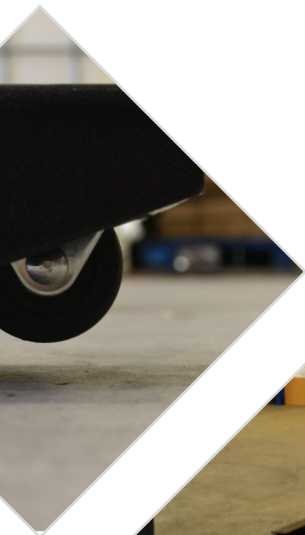Hold >O<   Tare -0.08   [power icon]   ① Year Warranty

Versatile weighing scales with bespoke software available

Suitable for sequential/batch weighing and auto filling

Optional internal memory plus PC/printer connectivity

Upto 16 inputs/outputs available

www.marsden-weighing.co.uk

Marsden I-500: Our ultimate solution for efficient, automated weighing processes

Not every weighing application is the same. That why, for the first time, Marsden is now offering a range of scales that can be **completely tailored to your needs**.

The I-500 range features a **highly adaptable, multi-functioning stainless steel indicator**. It's programmable and designed to speed up - and automate - **weighing, batching and filling processes**.

Upto 16 inputs/outputs

With so many inputs/outputs available, Marsden I-500 scales will **streamline multiple processes in one step**.

Upto **eight solid state outputs** can be used to switch other devices on and off - this allows you to automate filling and weighing processes. There are upto **eight voltage free switch inputs** available, too.

One of the I-500's most notable features is the **analogue outputs** available - either 4-20ma or 0-20ma.

Functionality bespoke to your application

Bespoke software creation means your I-500 scale can be set up exactly as you need it.

A **swipe card/barcode reader interface** means users can switch the scale on, then access functions specific to their job role.

Because bespoke software makes the functionality of these scales so broad - from **collating weight readings from multiple bases** to **automatic totalising**, we recommend speaking to Marsden about what you need from your scale.

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Standard embedded user selection

Embedded user selection allows you to control the feed of a product to the scale. A typical application is **sequential batching** - where timer events and target weights are set up. Product is fed onto the scale, with the feed switched off when a target is hit. A second feed will then be automaticaly switched on by the scale.

This, along with **internal memory** and **text input** makes these scales ideal for **recipe formulation**.

Send data to a PC, printer or display

The I-500's optional **RS-232 interface** means data - including **gross, net and tare weight, date and time and operator code** - can all be sent to a printer. This data can also be sent automatically to a spreadsheet or remote display. Ask us for data transfer functionality information and what can be created for you.

Standard I-500 scales available

P-I-500: Mild steel platform scale (pictured)
P-SS-I-500: Stainless steel platform scale
DT-I-500: Mild steel drive-thru platform scale
DT-SS-I-500: Stainless steel drive-thru platform scale
UF-1200-I-500: Mild steel u-frame scale
PB-1200-I-500: Mild steel weigh beams

I-500 indicator specification

Display resolution: 1/6000
Power: 75-250vac 50/60Hz auto selection (mains option) or 6-26vdc (DC option)
Internal memory: 64K
Factory fitted options: 8 weighing channels, 16 programmable I/O ports, RS-232C, 4-20mA output, Radio Telemetry, 2 plugin 8K x 8 FRAM memory capability, time/date, 455Mhz, 900Mhz and 2.4Ghz radio communications, USB, external QWERTY keyboard

Marsden I-500 scales: Typical applications

Batching

The standard batcher has embedded user selection of one or two relay outputs in order to control the feed of product. The display shows the target value and an incrementing batch counter.

A second user option is for batching material from a holding hopper. The indicator operates the feed relay in order to discharge to target and then displays gross weight. The user may input the target values, which are stored in the memory.

Data recording

Data can be sent directly from the scale to a PC. Alternatively, data can be sent to a tally roll or sticky label printer.

Standard format is selectable by the user for gross, net and tare weight, along with operator code. The user can select baud rate from 2400, 4800 or 9600. The user can also add header text. Totalising is also selectable.

Please contact us for printer compatibility information.

Check weighing

For basic check weighing, the scale has a traffic light display, for basic under, pass, over alert.

The I-500 indicator is user configurable for pass delay, over or under values, loading or take away operation.

Please contact us if you require additional check weighing aids - for example a remote display or hi/lo light tower.

Vehicle weighing

The I-500 indicator can be set up to receive weight readings from upto four bases.

One example of where this functionality is used is for vehicle weighing. Weight readings for individual wheels or axles can be displayed along with a total weight, and both dynamic (moving vehicle) and static weighing modes are available.

Choose the internal memory to save readings.

Each I-500 indicator is hand-built to customer specification. If you require a scale for a particular application not mentioned in this product sheet, please contact us.

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