



SADE SP460

Weight Sorter/Checkweigher for tablets, capsules, soft-gels and mini-tabs

When speed and accuracy count

The SADE SP460 rapidly weight sorts your batches of tablets, or capsules, into accept or reject categories. The unit combines four of our proven SADE SP sorting modules into one compact unit. For ease of filling there is just one, 150 litre, bulk hopper. Once set up the SADE SP460 can operate unattended for long periods freeing your operator's time for other tasks.

With a sorting rate of up to 22,000 per hour, and its ability to work around the clock, the SADE SP460 is capable of sorting up to 500,000 per 24 hour period.

As a new feature we have included two accuracy settings, +/- 2mg and +/- 1mg so the user can select the accuracy required for the product they are sorting.

PRODUCTION — Quality Control

100% checkweighing of batches for quality control.

Save valuable product from weight rejected batches — reducing wastage and cost.

R&D — Ensures weight uniformity

100% weight checking and statistical analysis of clinical trial or development batches. Ideal tool for checking over encapsulation.

KEY FEATURES

- Sorts tablets, capsules, soft gels and mini-tabs
- Handles all shapes and sizes
- No change parts required
- High accuracy $\pm 2\text{mg}$ or $\pm 1\text{mg}$
- Compact footprint
- Simple to operate
- Quick and easy clean down
- 24 hour operation
- Minimal operator involvement
- Data integrity – full 21CFR Part 11 and Annex 11 compliance
- Full audit trail
- Domain authentication available
- OPC UA data protocol available

**Single bulk hopper
150 Litre capacity**

Sorting rate:

22,000 per hour — Up to
500,000 per 24hour period

weight
sorting

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KEY OPERATIONAL BENEFITS

Our SADE SP units are delivering precision weight sorting for the leading pharmaceutical companies around the globe.

Maximise speed, minimise cost

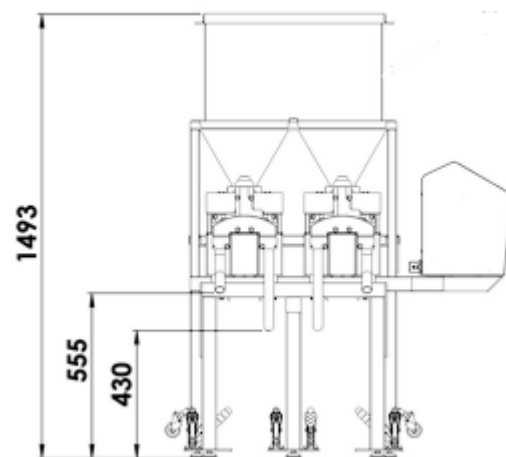
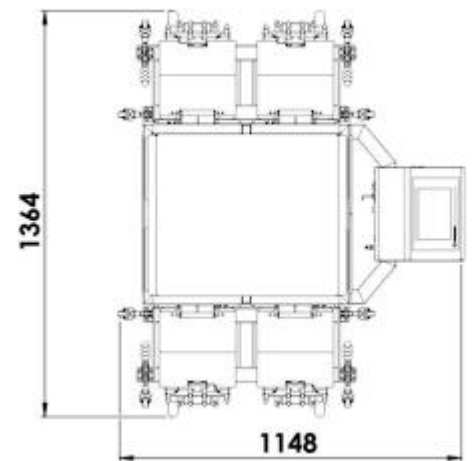
- One compact unit for tablets and capsules of different shapes and sizes
- Rapid sorting rate — up to 22,000 per hour/500,000 per 24 hour day
- Only one bulk hopper for quick and easy filling
- User selectable accuracy, both $\pm 2\text{mg}$ and $\pm 1\text{mg}$ available
- No need for costly format parts and time consuming change overs
- Fast effective clean down — boosts operational efficiency
- Quick and easy batch set up via improved user interface
- Proven design and quality materials for ease of cleaning

Informed decision making and action taking

- Touch screen provides real time display of statistical data
- Prints detailed reports directly via USB local or network printer
- Data can be transferred to your PC
 - enhanced reports automatically saved as secure pdf files

TECHNICAL DETAILS

Mounting	Floor standing
Weighing Channels	4
Sorting Rate	Up to 22,000 per/hr <small>(speed can vary with product and weighing environment)</small>
24 hour operation	Up to 500,000 per 24 hour period
Bulk Hopper Capacity	150 Litres (approx)
Weight Range	20mg – 2g
Product Size	Tablets: Up to 24mm length, 20mm wide Capsules: 00, 0, 1, 1e1, 2, 2e1, 3, 4, 4e1, 5 <small>(Size 000, 00e1 available on request Contact CI Precision for details)</small>
Balance Readability	0.1 mg
Reproducibility	User Selectable $\pm 2\text{mg}$ or $\pm 1\text{mg}$ <small>(Slight reduction in sorting rate at higher accuracy)</small>
Zero System	Automatic
Contact Parts	316/316L electro-polished stainless steel and PEEK <small>polyetheretherketone FDA 21 CFR 177.2415</small>
Dimensions (mm)	1148D x 1364W x 1493H
Voltage & Frequency	115/230 VAC 50/60 Hz
Air Supply	Clean dry air 3-5 bar or 43-73PSI



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