







Automatic Liquid Distribution System

INNOBULKFILLTM

Email: info@velsson.com

Add: 245 Main St, Cambridge, MA 02142

Web: www.velsson.com

Design Concept

Standard modules to cover filling process

Integrated processes including tightness test of consumables, calibration and clearing of weighing unit, automatic filling, real-time filling feedback, weighing and labeling, etc.

Enclosed operations, efficient and precise

Filling speed of a single equipment can reach up to 10L/min, and the whole process is operated in a enclosed environment to avoid external pollution sources.

Integrated production line and automated operation

Full-process automated operation from liquid feeding to liquid filling, automatic filling protection mechanism, coding and labeling.

GMP-compliance design to meet production requirements

Fully enclosed operation, high-efficiency air filtration. Presents results of weighing unit calibration and consumable pressure hold test for each batch. Smooth surface made of 304 or 316 stainless steel, easy to clean.

Distributed terminals and centralized management

Flexibly deployed in workshops in different areas, with data transmitted for centralized collection, storage and analysis. The console can be connected to two filling equipment, using aviation plugs for convenient and safe connection.

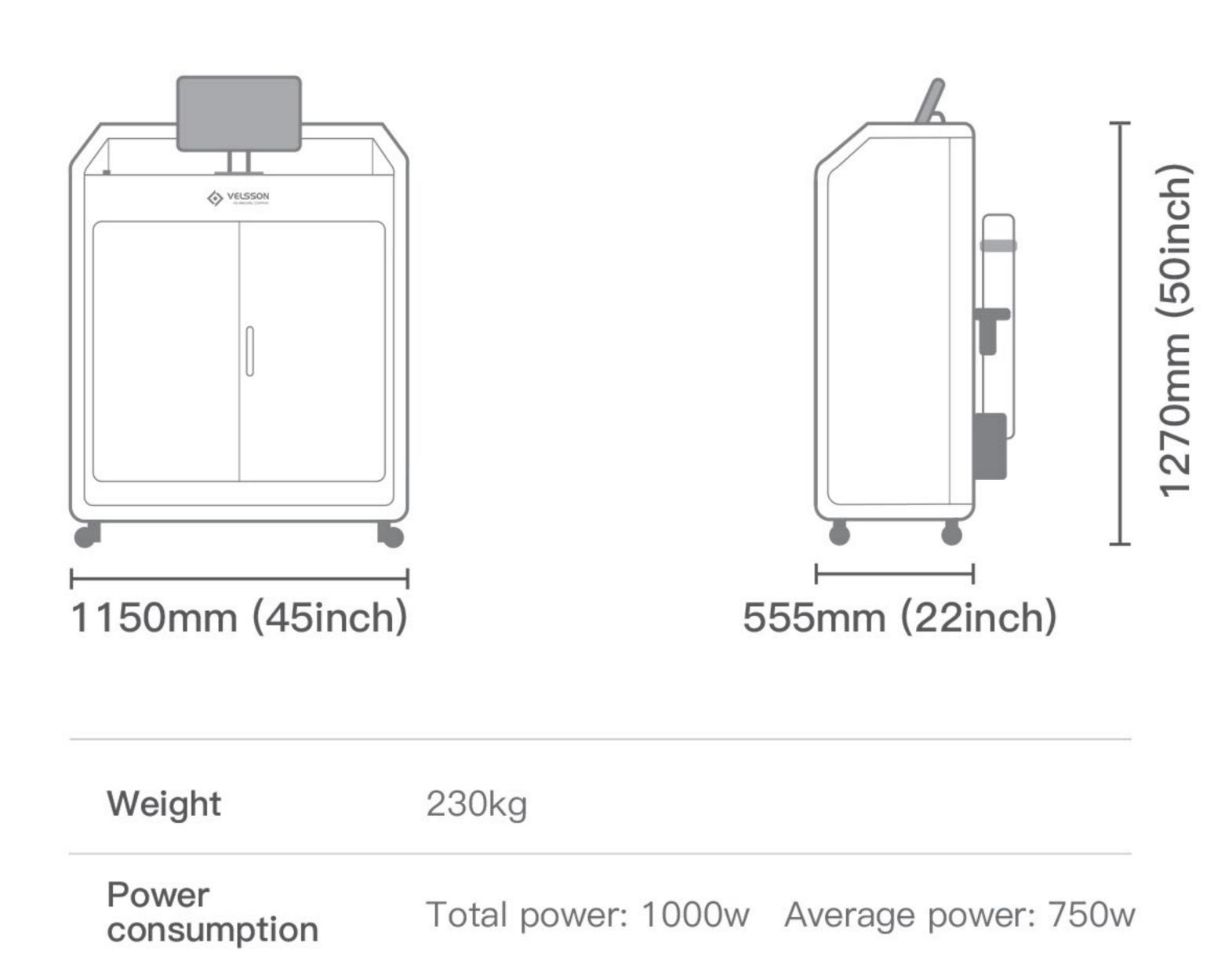
Rapid deployment capabilities for multi-site deployment

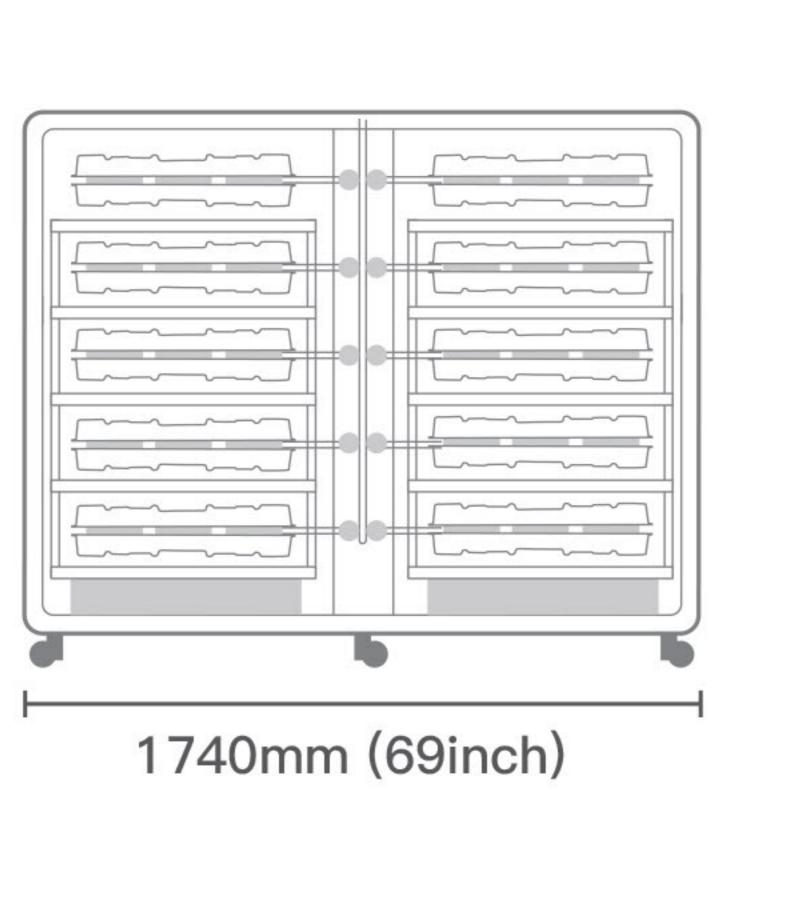
Standard systems and modularized transportation and installation ensure rapid deployment of production capabilities.

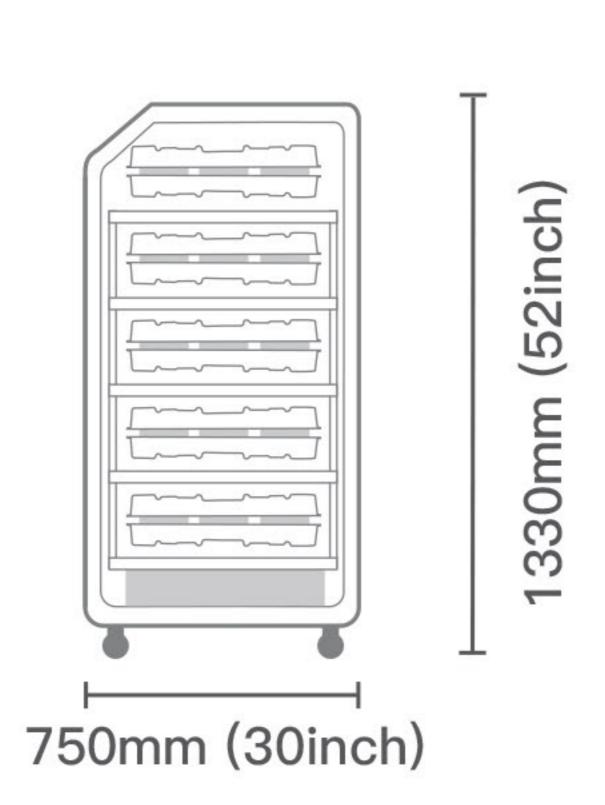
Filling system

Filling container	12L Bags * 10 / 10L Bottles * 12
Filling mix	Double Bag / Double Bottle / Bag+Bottle
Feeding volume	100L~ 200L
Filling speed	2~10L/min
Filling precision	±10g
Weighing error	± 1g
Liquid pressure gauge precision	±0.3psi

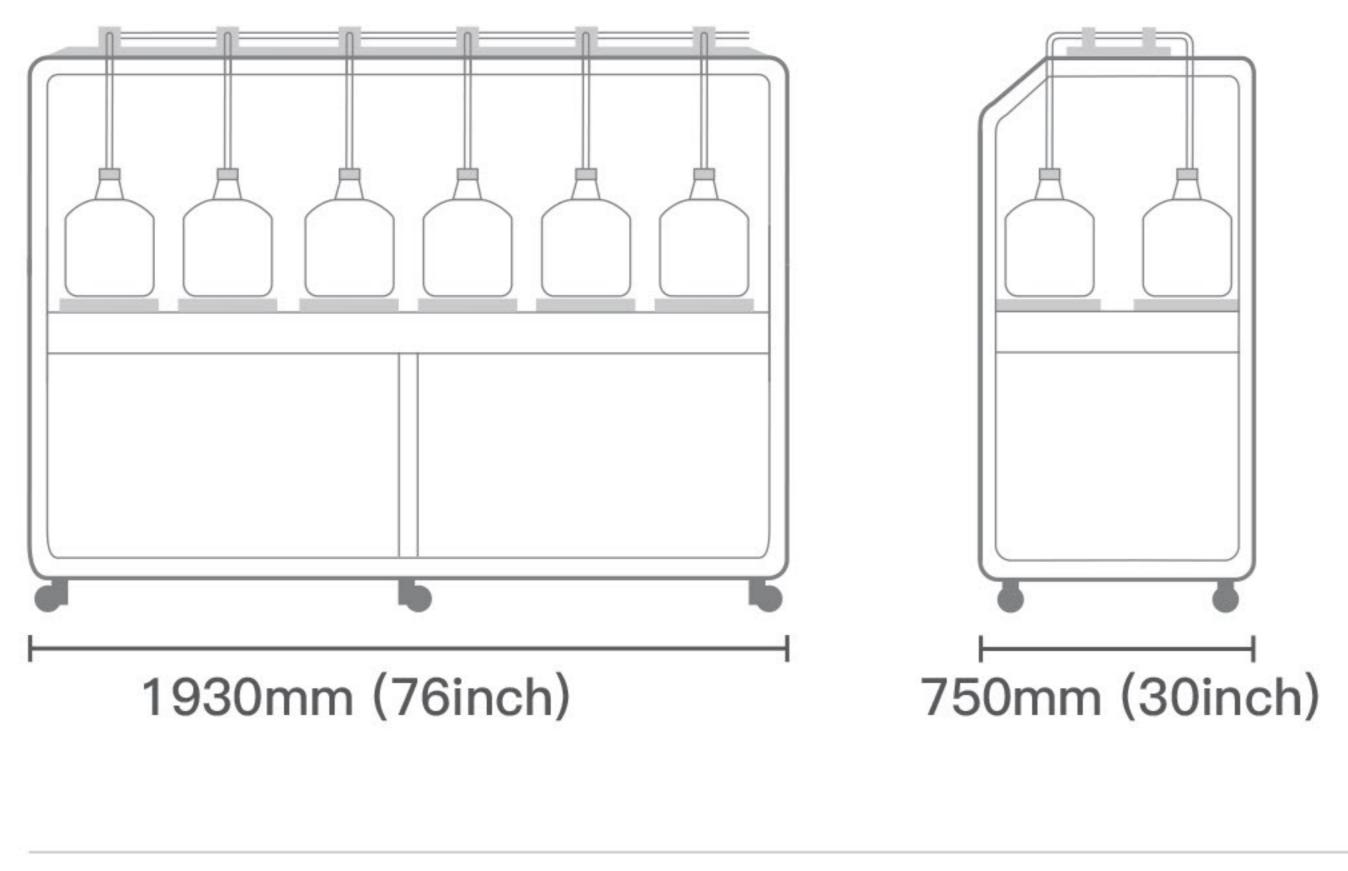
Specifications







Weight	340 kg (Without fluid bag)
vvcigiit	040 kg (Without hald bag)



Weight 360 kg (Without fluid bottle)	Weight	360 kg (Without fluid bottle)
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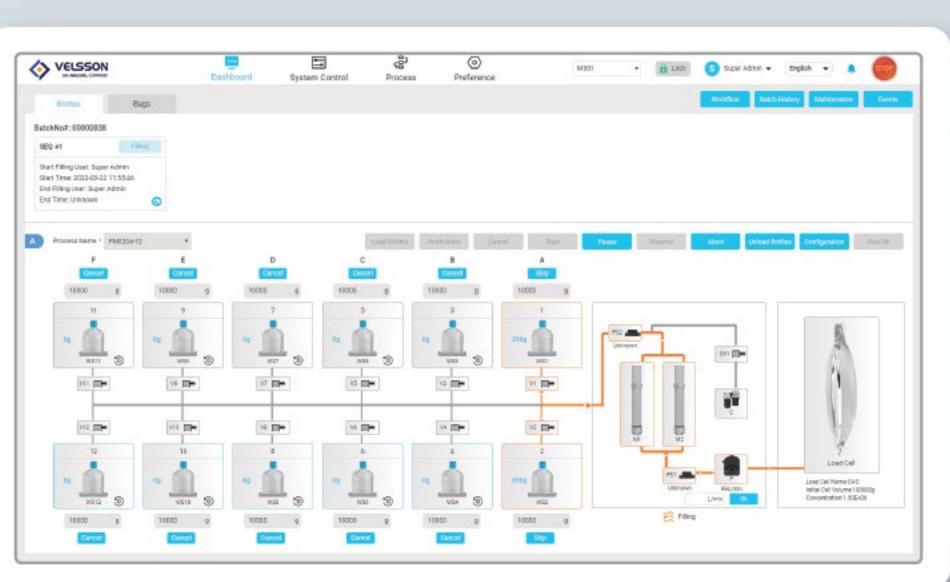
Integrated Software System

Providing users with dedicated data channels



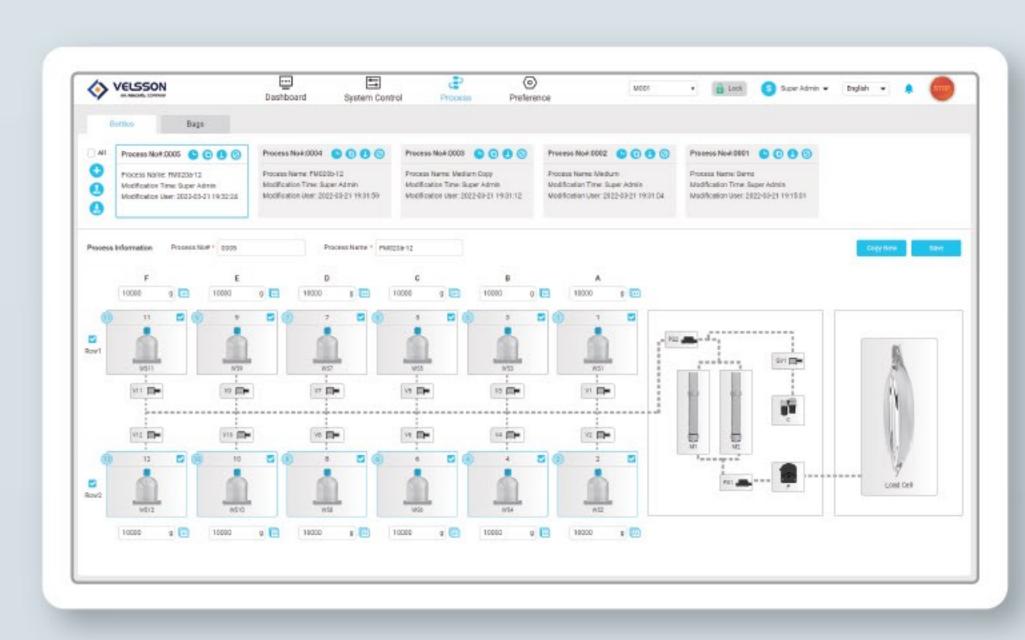
Filling equipment driver software

Modular equipment control for convenient and accurate user operation



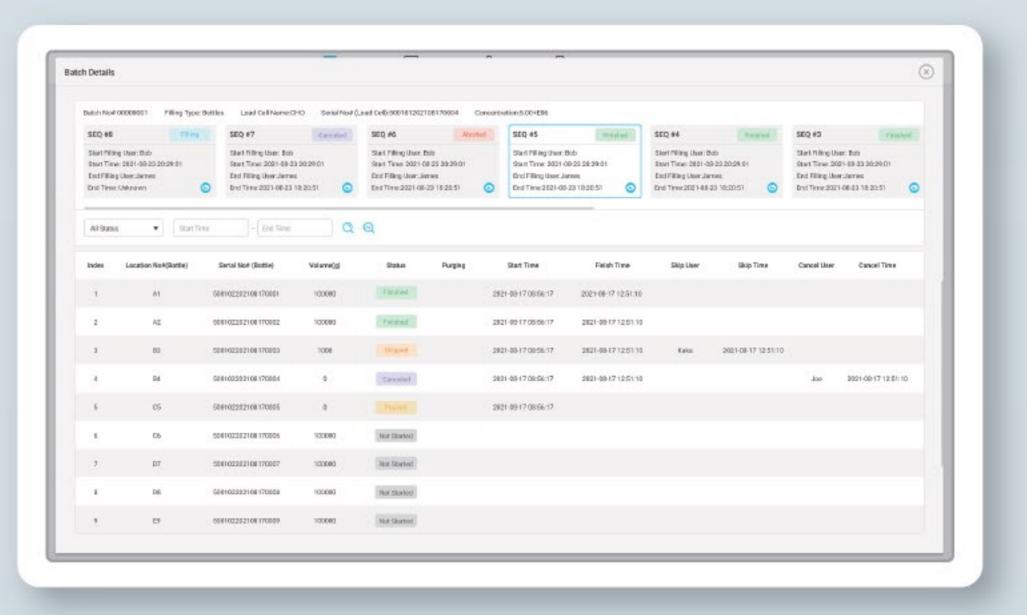
Batch management and report

Comprehensive batch reports, including loading, tightness verification, filling, pipeline pressure, unloading, etc.



Process flow editing and management

Flexible filling process editing, various mixes with liquid bags and bottles



Integrated data collection, storage, and analysis
Operation logging, audit trial and in-depth data mining