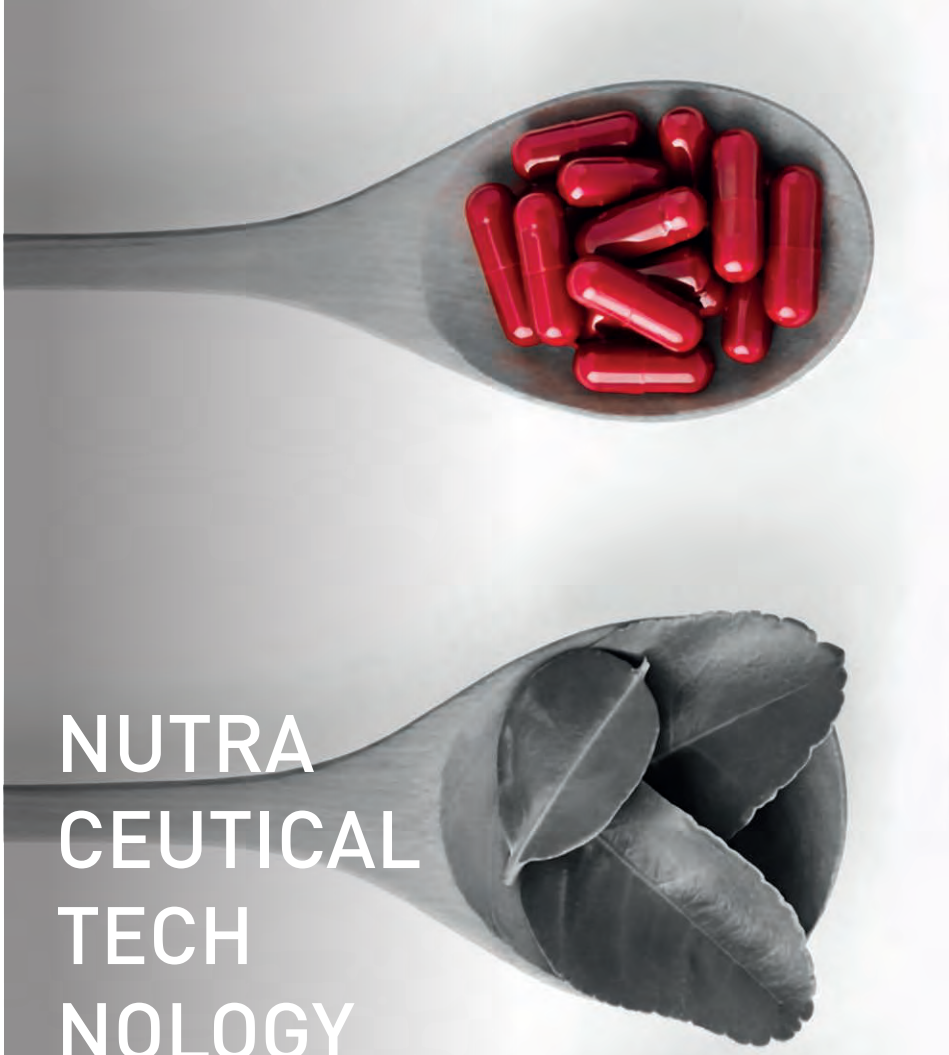
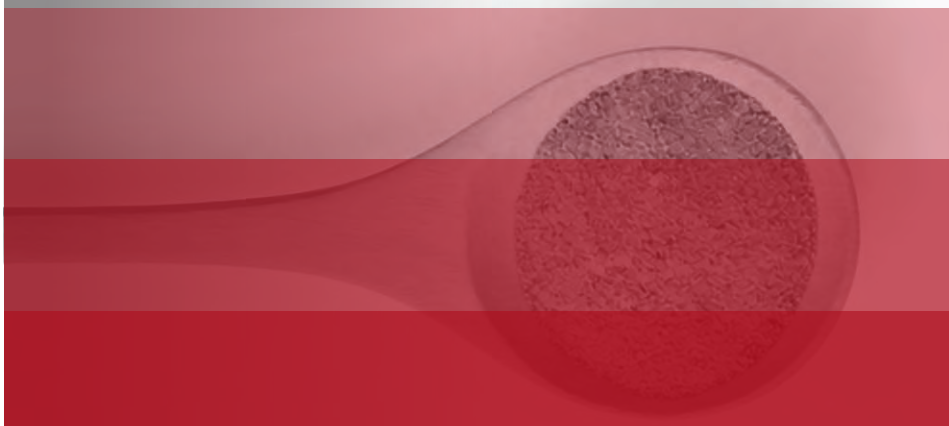


NUTRA CEUTICAL TECH NOLOGY



LAWER®
dosing & dispensing systems

The weighing process of ingredients that are part of the recipes for nutraceutical products must guarantee precision, quality, repeatability and, above all, traceability of the operations carried out, as well as perfect hygiene and safety in handling.

DIETARY SUPPLEMENTS

FUNCTIONAL FOODS

NATURAL AND HERBAL PRODUCTS

FOODS FOR SPECIAL MEDICAL PURPOSES (FSMPS)

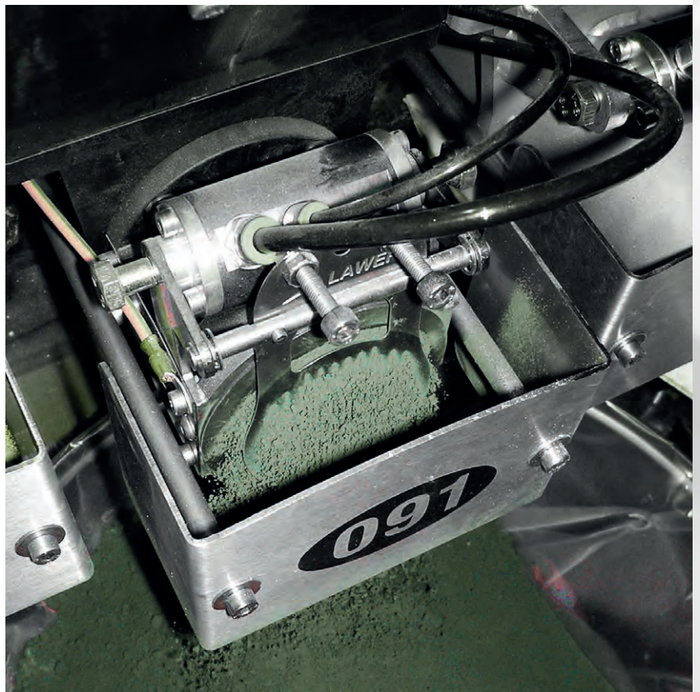
NUTRICOSMETICS

01 SUPERSINCRO
02 SUPERUNICA
03 UNICA TWIN
04 UNICA HD
05 TD-MATIC

NUTRA CEUTICAL TECH NOLOGY

LAWER'S MISSION

Lawer supports the **Nutraceuticals products** Manufacturers with automatic powder weighing systems, which guarantee high productivity, constant quality, complete process traceability and, at the same time, eliminate the "human error" factor.



ADVANTAGES AND BENEFITS

accuracy
recipe integrity
accuracy in every batch
zero batch rejection

repeatability
less errors, less cost, higher quality of the finished product

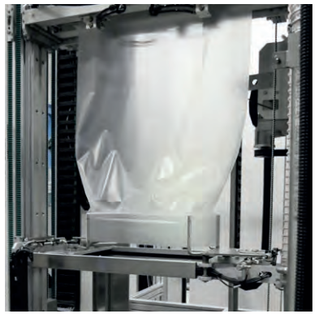
traceability
100% traceability of each product

safety
safe and hygienic working conditions
dust free environment

monetary savings
labor cost reduction
material savings

01

SUPERSINCRO



MULTI-SCALE TECHNOLOGY
PRODUCTIVITY > 2000 BAGS/DAY

REFILL
/ Vacuum pump with independent suction hoses on each silo
/ Gravity in a platform or by big bag

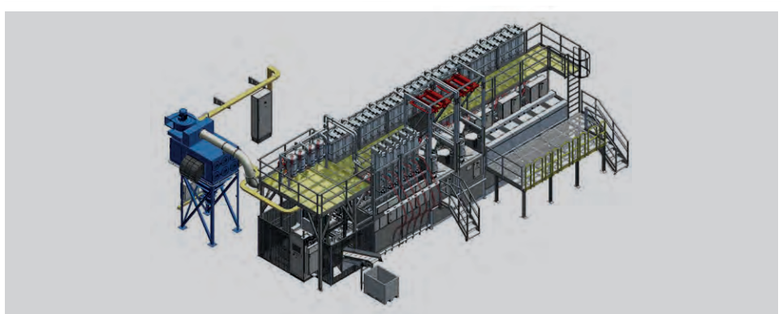
STORAGE
/ Stainless-steel silos 380 l
/ Stainless-steel hopper – 300/400/500/900/1800 l
/ Big bag station
/ Interchangeable stainless-steel silos 20/70 l

DOSING
/ Single or double screw
/ 1 g – 0.1 g or 0.01 g accuracy
/ Dedicated scale for each ingredient

PE BAGS
/ Automatic bag forming station
/ Automatic bag sealing and release station

HANDLING
/ Unloading conveyor systems for bags or euro box

FILTERING
/ High cleaning performance
/ ATEX II 2/3 IIIA T125°C



SUPERSINCRO
allows precise and safe automatic dosing operations of the products, required for nutraceuticals preparations.

02

SUPERUNICA

SINGLE-SCALE TECHNOLOGY
PRODUCTIVITY > 200 BAGS/DAY

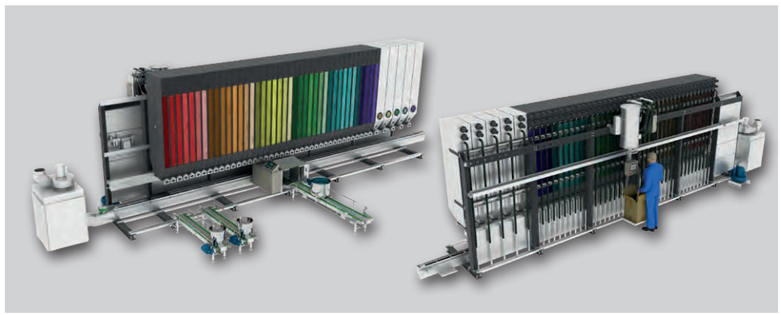
REFILL
/ Vacuum pump with independent suction hoses on each silo
/ Gravity in a platform

STORAGE
/ 20-120 stainless-steel silos – 300/150 l

DOSING
/ Screw-vibration dosing system
/ Electronic scale 0.01 g accuracy
/ Weighing trolley with self-levelling scale support platform (Lawer patented)

HANDLING
/ Loading / unloading conveyor
/ ID-TAG identification system
/ Ionizer system to eliminate electrostatic charges
/ Bag closure station

FILTERING
/ Dust exhaust filter system



SUPERUNICA
is a fully automatic weighing system, allowing accurate, safe, and clean powder recipes preparation for the nutraceutical industry.

03

UNICA TWIN

REFILL
/ Gravity in a rear platform

STORAGE
/ 12-24 or 36 stainless-steel silos - 100 l

DOSING
/ Screw dosing system
/ Scale capacity 30 kg, 0.1 g accuracy
/ Single or double scale technology

HANDLING
/ Loading / Unloading conveyor
/ ID-TAG identification system
/ Bag closure system

FILTERING
/ Dust exhaust filter system
/ ATEX II 2/3 IIIA T125°C

04

UNICA HD

SINGLE OR DOUBLE SCALE TECHNOLOGY
PRODUCTIVITY > 400 BAGS/DAY (TWIN) 200 BAGS/DAY (HD)

REFILL
/ Gravity from a front platform

STORAGE
/ 8-16 or 24 stainless steel silos – 50 l

DOSING
/ Screw dosing system
/ Scale capacity 30 kg, 0.1 g accuracy
/ Single scale technology

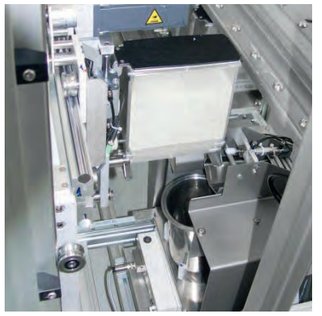
HANDLING
/ Manual or automatic bucket loading
/ Unloading

FILTERING
/ Efficient suction and filtering systems

UNICA
has been designed and patented to organize production in an innovative way, by automatically weighing the powder ingredient components of recipes and batches in different processes of the nutraceutical laboratories.

05

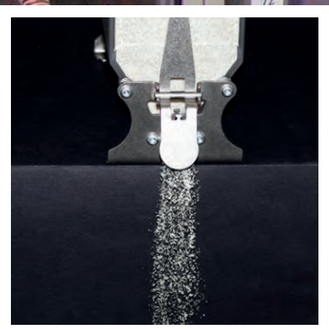
TD-MATIC



STORAGE
/ Multi-level rack for 82 mini-silos
/ Mini-silos 2,7 l capacity with stainless-steel dosing screw
/ Three axes (X-Y-Z) robotic arm for mini-silos handling

BEAKER PARKING
/ Multi-level parking rack for 36 beakers
/ Stainless-steel beakers for recipe weighing
/ Three axes (X-Y-Z) robotic arm for beakers handling

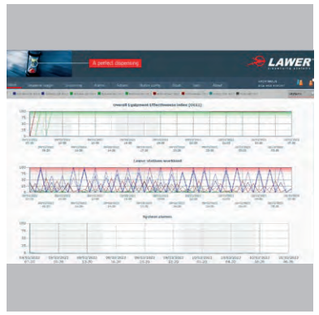
WEIGHING STATION
/ Weighing station with electronic scale res. 0.001 g



TD-MATIC
the automatic powder weighing system automatically weighs small quantities of powder for the laboratory.

06

LEIMS.i



REPORT
/ General efficiency index (OEEI) devices: for each station production efficiency is indicated for the last four working shifts.
/ Workload of the Lawer stations: for each station the work activity percentage refers to the previous 24 hours. The value 100% indicates station over-load, in the last 24 hours it has worked non-stop.
/ Weighed products: in the graphic representations the displays show the total number of weighing calls carried out by the LEIMS.i stations.
/ Executed transfers: in the graphic representation the display shows the total number of transfers to the machine that have been executed by the LEIMS.i stations.
/ System alarms: the diagram displays the alarms or faults occurred in the last 24 hours.

INTERFACES
/ The LEIMS.i system is predisposed to be interfaced with management and production control systems, by using various communications protocols.

DDA (DISPENSING DATA AGGREGATION)
/ The system registers every operator intervention to the machines and interfaces to provide detailed web-accessible reporting.

LEIMS.i
is a software package that manages a whole Lawer plant. This tool allows connecting management and program systems, to import production orders and assign them to the machines of the plant.

LAWER'S WORLD

- Lawer Italy
- Lawer USA
- Lawer Turkey
- Lawer China

After-Sale Assistance

Short time in the projecting, manufacture and installation of the systems. A prompt after-sales service, able to respond to every request and solve problems with qualified technicians, 4 Service Centers, a Web on-line remote assistance. Support services program designed to optimize the interventions and reduce costs.

Nutraceutical Technology Environmental Friendly

The company is equipped with photovoltaic panels to self-produce and use renewable energy, and go on in the research of productive solutions addressed to environmental respect.

Lawer provides products, solutions and services to the industry, to increase the reliability, safety and efficiency of dosing and dispensing operations for powders and liquids.

Our core market position, that of a leading global product and solution provider, together with our aim to set strong standards in all areas of our business, are both reflected in our company motto: "The True Accuracy".

We have more than 50 years of experience in supporting the industry to ensure the highest quality of the products. Our ability to do this is based on the "Italian Quality" of our products and services, combined with our continuous investment in developing leading technology. As a result, more than 2.500 Customers have trusted our Company, allowing us to supply them with thousands of systems and solutions during our long history.

Via our world-wide presence, we stand beside our Customers around the globe and through the whole life cycle of our products, from the assistance with selecting the right equipment, design-in support, installation and after-sale service.

In more than 16.000 m2, 150 employees design, test and produce excellent systems, which are sold worldwide with the collaboration of over 50 sales agencies, installed and assisted as well as from our Italian centre, also from our after-sales offices located in China, Turkey and USA.

Lawer

Since 1970
the Italian Quality
for the
True Accuracy

LAWER®
dosing & dispensing systems

PRODUCT PORTFOLIO

Automatic powder dosing systems with:
/ Single scale technology
/ Double scale technology
/ Multi scale technology

Automatic liquid dispensing systems
/ Volumetric and gravimetric

Laboratory dosing and dispensing systems

APPLICATIONS

Textile
Paint
Food
Color Master Batch
Nutraceutical
Technical rubber
Tires
Cosmetic

NUTRA CEUTICAL TECH NOLOGY

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