



SPECIALIST IN TECHNOLOGY FOR
READY-TO-EAT VEGETABLES



NHS MÁQUINAS | TECHNOLOGY AND SOLUTIONS FOR FRESH AND SANITIZED VEGETABLES

NHS Máquinas is a Brazilian metalworking company specializing in the development, manufacture, and sale of **equipment for processing fresh and sanitized vegetables**. Combining proprietary technology, expert consulting, and customized solutions, we serve operations ranging from small businesses to large industries throughout the country.

NHS currently operates in two main areas:

READY-TO-EAT SALAD SECTOR

This is our main area of operation, in which we are recognized as **national Leaders**. We supply complete, automated lines for processing leafy greens, vegetables, and fresh and sanitized produce. Our equipment covers preparation, cutting, washing, centrifugation, and conveying, **ensuring productivity, standardization, and food safety** at every stage of production.

INDUSTRIAL WASHING SYSTEMS

We offer **LVX.1100** and **LVX.ECO** models, which are part of our industrial washer line. Although widely known for their efficiency in **washing reusable plastic crates (CPR)**, these machines go a step further: with the appropriate customizations, they can **wash trays, crates of various sizes and shapes, lids, and other industrial utensils**, effectively meeting large-scale sanitation requirements. Their robust construction, low water consumption, and high cleaning performance, make them ideal for food industries seeking efficiency and high sanitation standards.

In addition to cutting-edge technology, NHS offers **comprehensive technical consulting**, providing support for the development of new projects, industrial plant layout, equipment installation, and operational training. Through close and specialized service, we have become a reference in solutions for those looking to build, expand, or modernize fresh and sanitized vegetable processing facilities.

MISSION

To develop innovative machines and equipment and provide services of excellence, generating value and satisfaction for our customers, employees, and shareholders.

VISION

To be recognized as the most reliable and comprehensive Brazilian company in the manufacture of machines and equipment for processing fruits, vegetables and leafy greens.

MACHINERY & COMPLETE PROCESSING LINES

THE MOST COMPREHENSIVE RANGE OF EQUIPMENT IN THE COUNTRY



ACCESSORIES



CENTRIFUGES



WASHERS



PEELERS



PROCESSORS



CONVEYORS



CUTTING AND
SORTING



CRATE WASHER



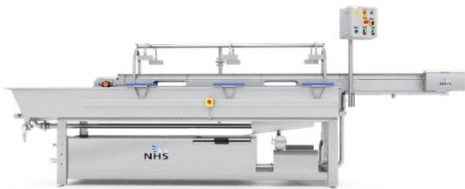
Pre-Washers

MBS.400 Washing and sorting table



Full Version

*02 water reservoir tanks, bubbling system and filter



STRAIGHT CONVEYOR VERSION

Pre-washing equipment
Exposure time, removal of insects and dirt

Throughput	Up to 800 kg/hour*
Overall dimensions with raised conveyor	L 4,884 x W 1,320 x H 1,850 (mm)
Overall dimensions with straight conveyor	L 4,580 x W 1,320 x H 1,850 (mm)
Water volume	960 L
Total power	2.3 kW (3 cv)

*See other versions and accessories

MBS.401 Washing and sorting table



Basic Version

*01 water reservoir tank, bubbling system and filter



STRAIGHT CONVEYOR VERSION

Pre-washing equipment
Exposure time, removal of insects and dirt.

Throughput	Up to 500 kg/hour*
Overall dimensions with raised conveyor	L 4,888 x W 1,320 x H 1,850 (mm)
Overall dimensions with straight conveyor	L 4,580 x W 1,320 x H 1,850 (mm)
Water volume	640 L
Total power	1.80 kW (2.4 cv)

*See other versions and accessories

MBS.ECO Preparation, sorting and pre-washing table



* Throughput may vary depending on the product to be processed and the equipment adjustment.



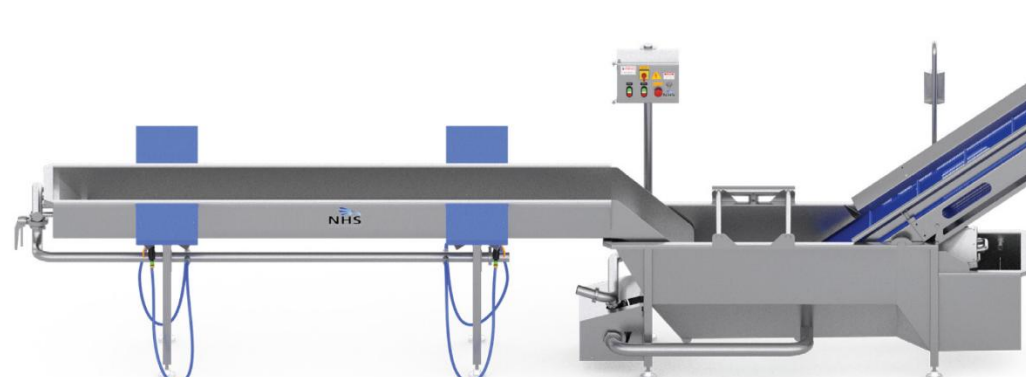
STRAIGHT CONVEYOR VERSION

Pre-washing equipment
Exposure time, removal of insects and dirt

Throughput	150 kg/hour*
Overall dimensions with raised conveyor	L 3323 x W 883 x H 1766 (mm)
Overall dimensions with straight conveyor	L 3101 x W 883 x H 1446 (mm)
Water volume	250 L
Total power	2.4 kW (3.2cv)

Pre-Washers

MEP.501 Preparation, sorting and pre-washing table



Pre-washing equipment
Water circulation, removal of insects and dirt

Throughput	Up to 500 kg/hour*
Overall dimensions	L 5,660 x W 1,552 x H 1,600 (mm)
Total power	2.1 kW (2.8 cv)
Water volume	500 L

* Throughput may vary depending on the product to be processed and the equipment adjustment.

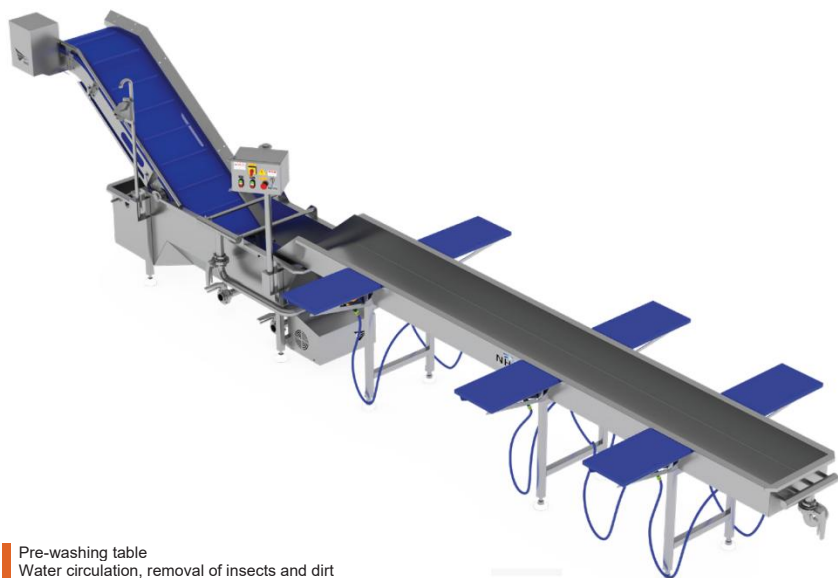
MLM.152 Manual washing table



Manual washing of fruits and vegetables.
Ideal for delicate products and small batches.

Throughput	Up to 300 kg/hour*
Overall dimensions	L 1,637 x W 738 x H 1,218 (mm)
Water volume	170 L
Total power	0.75kW (1.0cv)

MEP.500 Preparation, sorting and pre-washing table



Pre-washing table
Water circulation, removal of insects and dirt

Throughput	Up to 500 kg/hour*
Overall dimensions	L 6,760 x W 1,552 x H 1,600 (mm)
Water volume	500 L
Total power	2.1 kW (2.8 cv)

Washers

LHM.800 Multifunctional hydrodynamic washer



Exclusive NHS technology
Discharge with vibrating chute



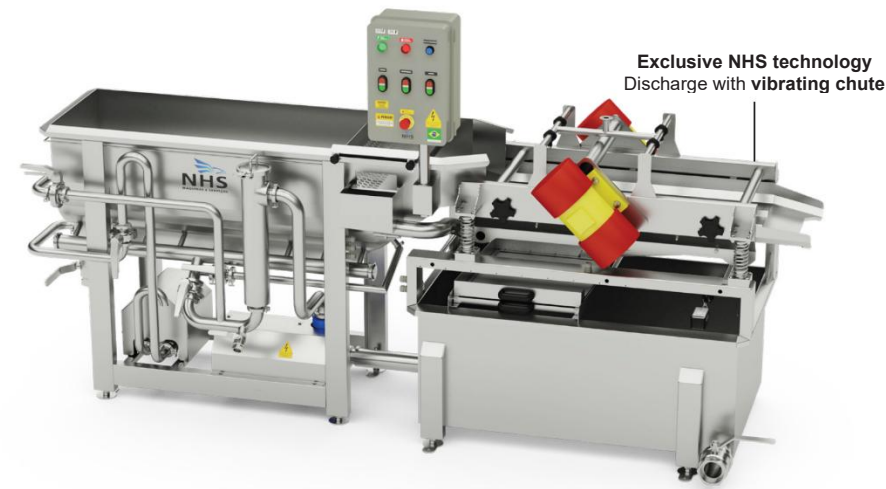
DISCHARGE WITH CONVEYOR

Continuous turbulent-flow washer, ideal for whole or processed fruits, vegetables and leafy greens.

Throughput	Leafy greens: up to 800 kg/hour* Vegetables: up to 1000 kg/hour*
Overall dimensions with conveyor	L 4,346 x W 1,180 x H 1,710 (mm)
Overall dimensions with vibrating chute	L 4,388 x W 1,180 x H 1,710 (mm)
Water volume	1000 L
Total power	5.3 kW (7.1 cv) / 6.5 kW (8.8 cv)

Washers

LHM.350 Multifunctional hydrodynamic washer



DISCHARGE WITH CONVEYOR

Continuous turbulent-flow washer, ideal for whole or processed fruits and vegetables

Throughput	Leafy greens: Up to 350 kg/hour* Vegetables: up to 600 kg/hour*
Overall dimensions with conveyor	L 2,682 x W 964 x H 1,746 (mm)
Overall dimensions with vibrating chute	L 3,128 x W 983 x H 1,746 (mm)
Water volume	680 L
Total power	2.4 kW (3.2 cv) / 3.7 kW (5 cv)

* Throughput may vary depending on the product to be processed and the equipment adjustment.

LSIB.800 Washer with intelligent bubble system



Washing or sanitization for whole vegetables without breakage or damage to the product

Throughput	Up to 500 kg/hour*
Overall dimensions	L 4,765 x W 1,544 x H 1,912 (mm)
Water volume	1,000 L
Total power	5.66 cv (4.2 kW)



LHC.300 Cyclic hydrodynamic washer



Cyclic washing through turbulent-flow action.
Ideal for whole or processed fruits and vegetables

Throughput	Up to 300 kg/hour*
Overall dimensions	L 1,590 x W 930 x H 1,320 (mm)
Water volume	250 L
Total power	2.0 cv

LVCH.200 Washer with spray-nozzle conveyor

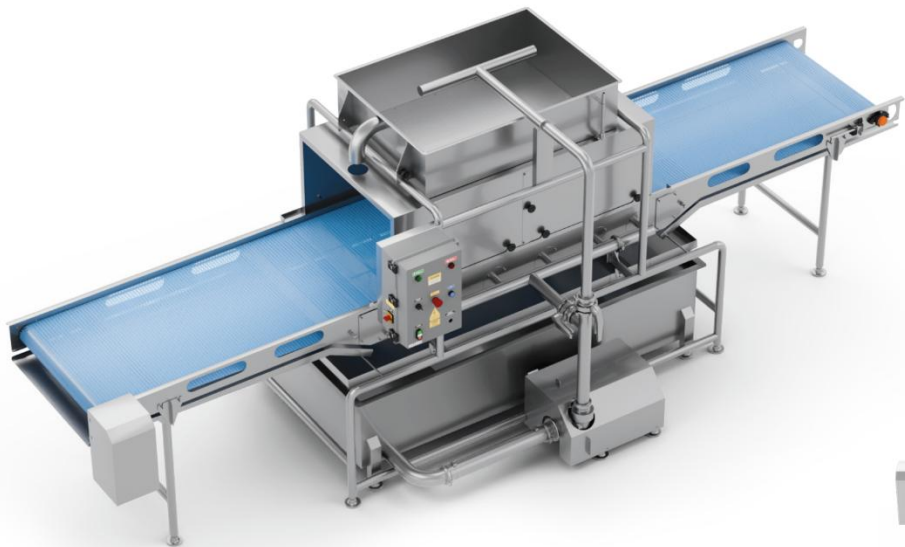


Washing system using spray nozzles, ideal for removing dirt and debris from fruits and vegetables

Throughput	Leafy greens: up to 300 kg/hour* Vegetables: up to 1,200 kg/hour*
Overall dimensions	L 3,000 x W 1,255 x H 1,825 (mm)
Water volume	350 L
Total power	2.0 cv

Washers

LVP.800 Whole-head washer



Efficiency, robustness and cutting-edge technology for washing whole vegetables straight from the field, with high performance and sanitation standards

Throughput	2000 heads/hour*
Overall dimensions	L 4,755 x W 1,692 x H 1,816 (mm)
Loading Height	1000 mm
Total power	6.5 kW

*Throughput may vary depending on the product and conveyor speed.



Centrifuges

CTD.ECO Direct-drive centrifuge



Vegetable centrifuge. High performance combined with low maintenance cost.

Throughput	Leafy greens: Up to 250 kg/hour* Vegetables: Up to 400 kg/hour*
Overall dimensions	L 633 x W 758 x H 1026 (mm)
Rated basket speed	800 rpm
Total power	0.75kW (1cv)

CTD.200 Direct-drive centrifuge



Vegetable centrifuge. High performance combined with low maintenance cost.

Throughput	Leafy greens: up to 250 kg/hour* Vegetables: up to 400 kg/hour*
Overall dimensions	L 718 x W 830 x H 995 (mm)
Rated basket speed	800 rpm
Total power	0.75kW (1cv)

CTD.300 Direct-drive centrifuge

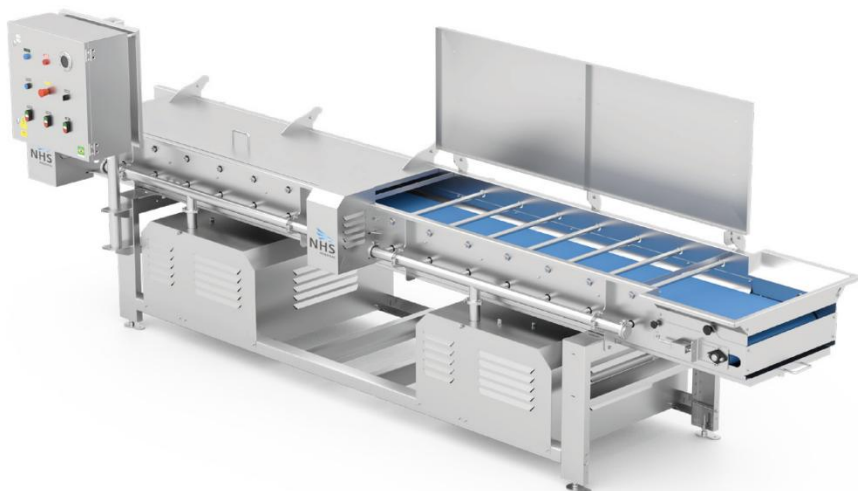


Vegetable centrifuge. High performance combined with low maintenance cost.

Throughput	Leafy greens: up to 250 kg/hour* Vegetables: up to 400 kg/hour*
Overall dimensions	L 750 x W 750 x H 1,000 (mm)
Rated basket speed	800 rpm
Total power	0.75kW (1cv)

Drying conveyor

SEC.350 Drying conveyor



Greater speed and efficiency in the automatic and continuous drying process for fruits, vegetables and leafy greens immediately after the washing process

Throughput	Leafy greens up to 250 kg/hour* Leafy greens up to 3300 kg/hour*
Overall dimensions	L 4,632 x W 950 x H 1,645 (mm)
Loading Height	1,000 - Low / 1,250 - High (mm)
Discharge Height	671 - Low / 921 - High (mm)
Voltage	3-220 V or 3-380 V
Total Installed Power	19kW (25.4cv)



Peelers

DSM.08 Cassava peeler



Specially developed for precise peeling of cassava

Throughput	150 to 250 kg/hour*
Overall dimensions	L 2452 x W 2160 x H 1077 (mm)
Loading Height	805 (mm)
Discharge Height	598 (mm)
Voltage	220 Vca***
Total Installed Power	0.4 kW ***

*** Only for the version with an electrical panel. If the DSM.08 is pneumatic only, disregard this information.



DSL.25 Abrasive vegetable peeler



Vegetable peeler using abrasion. Convenience and low cost.

	DSL.25
Throughput	Up to 500 kg/hour*
Overall dimensions	L 907 x W 876 x H 1,504 (mm)
Usable tank volume	65 L
Total power	1.5 kW (2 cv)

DLA.350 Vegetable peeler using blades or abrasion



Exclusive technology: Vegetable peeling using blades

Vegetable peeler with blade system. Superior finish and longer shelf life for the vegetable.

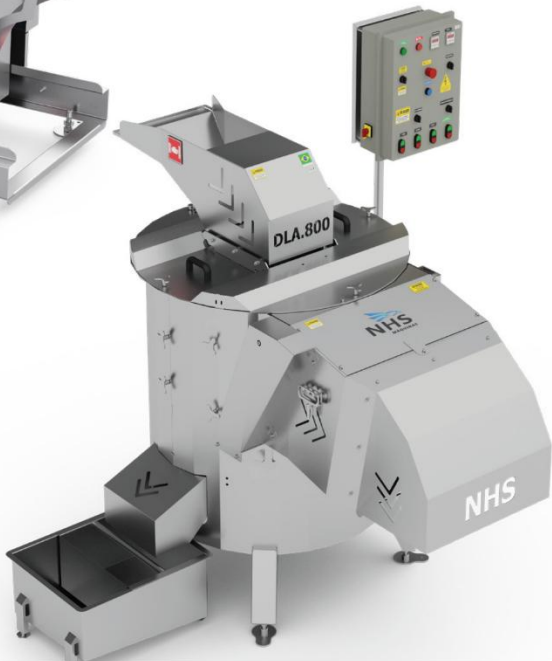
Throughput	Up to 400 kg/hour*
Overall dimensions	L 1,200 x W 895 x H 1,550 (mm)
Total tank volume	80 L
Total power	1.1 kw (1.5 cv)



DLA.800 Vegetable peeler using blades or abrasion

Vegetable peeler with blade system. Superior finish and longer shelf life for the vegetable.

Throughput	Up to 1000 kg/hour*
Overall dimensions	L 2,044 x W 1,293 x H 1,664 (mm)
Total tank volume	531 L
Total power	3.7 kW



Peelers

DVFL.08 Vertical fruit and vegetable peeler



Vertical fruit and vegetable peeler.
Precise peeling without damage to the product and water-free.

Throughput	Up to 580 kg/hour*
Dimensions w/o legs	L 955 x W 840 x H 1,450 (mm)
Dimensions w/ legs	L 955 x W 840 x H 1,970 (mm)
Total power	0.33 kW (0.50 cv)

High-precision equipment ideal for peeling: papaya, pineapple, watermelon, melon, pumpkins, among others.



* Throughput may vary depending on the product to be processed and the equipment adjustment.

Processors

CRL.801 Radial vegetable dicer



Cuts: sticks, shreds, slices and dices.
High throughput and precise cuts for vegetables and fruits.

Throughput	1,200 kg/hour*
Overall dimensions	L 1,456 x W 783 x H 1,572 (mm)
Total power	2.2 kW (3.0 cv)
Weight	225 Kg

 Exclusive technology for cutting into sticks, shreds, slices and dices.



CFL.800 Leaf cutter



Leaf and vegetable cutter
Advanced technology, precision and high throughput.

Throughput	Up to 2,000 kg/hour*
Overall dimensions	L 2,507 x W 783 x H 1,679 (mm)
Total power	1.85 kW (2.5 cv)
Weight	330 Kg



Processors

CFL.300 Leaf cutter



Leaf and vegetable cutter, with high precision and ease of use.

Throughput	Up to 500 kg/hour*
Overall dimensions	L 1,515 x W 740 x H 1,515 (mm)
Total power	1.5 kW (2.0 cv)
Weight	200 Kg

* Throughput may vary depending on the product to be processed and the equipment adjustment.

CFL.ECO Leaf cutter



Leaf and vegetable cutter
Advanced technology, precision and high throughput.

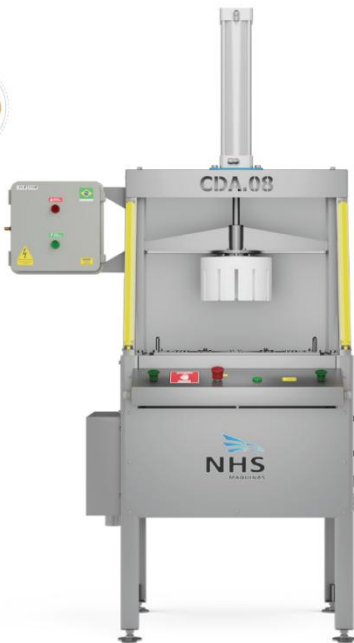
Throughput	Up to 400 kg/hour*
Overall dimensions	L 1300 x W 606 x H 1480 (mm)
Total power	3.0 kW
Weight	110 Kg



Exclusive technology for cutting leaves and vegetables.



CDA.08 Pumpkin cutter



Pumpkin Cutter
Advanced technology, precision and high throughput.

Throughput	Up to 360 units/hour*
Overall dimensions	L 1160 x W 900 x H 2200 (mm)
Total power	30 W
Weight	170 Kg

Conveyors

ESTH.100 Horizontal conveyor



Conveying of food products for production line automation.

Throughput	Up to 1,500 kg/hour*
Overall dimensions	L 1,620 x W 920 x H 1,680 (mm)
Power	0.25 kW (0.33 cv)
Weight	100 Kg

ESTH.250 Horizontal conveyor



Conveying of food products for production line automation.

Throughput	Up to 1,500 kg/hour*
Overall dimensions	L 2,615 x W 920 x H 1,680 (mm)
Power	0.25 kW (0.33 cv)
Weight	125 Kg

ESTH.350 Horizontal conveyor



Conveying of food products for production line automation.

Throughput	Up to 1,500 kg/hour*
Overall dimensions	L 3,500 x W 740 x H 1,820 (mm)
Power	0.25 kW (0.33 cv)
Weight	250 Kg

ESTZ.35 Z-type transport conveyor



Dry or wet holding and conveying of food products

Throughput	Up to 1,500 kg/hour*
Overall dimensions	Variable according to configuration
Loading height	1,099 / 1,369 / 1,499 / 1,769 (mm)
Weight	Variable according to configuration

TPR.150 Roller conveyor



Conveying of food crates for production line automation.

Overall dimensions	Variable according to configuration
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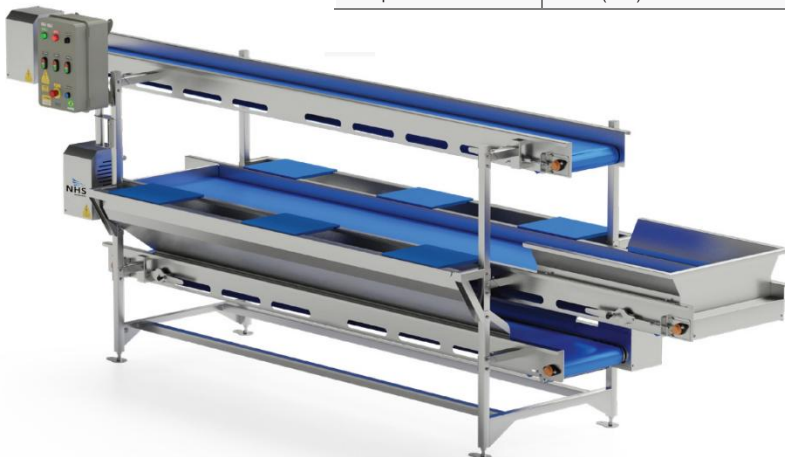
MCP.350 Double cutting and preparation table



Conveying of food products for production line automation. Ideal for the beginning or end of continuous processing lines.

Throughput	Up to 800 kg/hour *
Overall dimensions	L 3,990 x W 1,222 x H 1,798 (mm)
Loading/discharge height	Variable (mm)
Weight	200 Kg
Total power	0.8 kW (1 cv)

MCP.800 Triple cutting and preparation table



Conveying of food products for production line automation. Ideal for the beginning or end of continuous processing lines.

Throughput	Up to 2,000 kg/hour *
Overall dimensions	L 4,806 x W 1,347 x H 1,787 (mm)
Loading/discharge height	Variable (mm)
Weight	335 Kg
Total power	0.8 kW (1 cv)

* Throughput may vary depending on the product to be processed and the equipment adjustment.

Cutting and sorting

MTE.04 Trimming table

Table for cutting, preparation and sorting of food products with conveying system

Throughput	Up to 2,000 kg/hour*
Overall dimensions	L 2,880 x W 1,545 x H 1,640 (mm)
Total power	0.37 kW (0.5 cv)
Weight	200 Kg



Food preparation table.
Easy and practical for various processes.

Throughput	Leafy greens: up to 800 kg/hour* Vegetables: up to 2,000 kg/hour*
Overall dimensions	L 2,550 x W 999 x H 1,766 (mm)
Total power	0.25 kW (0.33 cv)
Weight	100 Kg

MTSA.04 Work and automatic sorting table



Accessories

CSM.03 Mobile dry reel



Carousel system for baskets. Ideal for speeding up the handling of food products discharged from the washer.

Overall dimensions	L 1,164 x W 1,100 x H 940 or 1,345 (mm)
Loading height	670 or 1,075 (mm)
Weight	57 Kg

TQ.600 Holding tank



Multi-purpose tank for washing various products

Total volume	600 L
Usable volume	400 L
Dimensions	L 1,205 x W 1,093 x H 910 (mm)
Weight	65 Kg

MSA.1000 Stainless steel table



Stainless steel table

Overall dimensions	L 1,000 x W 700 x H 900 (mm)
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Available in other sizes; contact us.

CCB.04 Tank cart



Equipment for washing / manual immersion of food products

Overall dimensions	L 2,316 x W 528 x H 531 (mm)
Capacity	Up to 4 baskets
Weight	50 Kg

BASKET



Ideal for easy handling and preparation of food products in an ergonomic and efficient manner.
Facilitates production lines where greater efficiency and throughput are desired.
The baskets are not supplied with the product.

WASHING SYSTEMS

LVX.ECO Economical crate washer



Side and upper guides with quick and easy adjustment



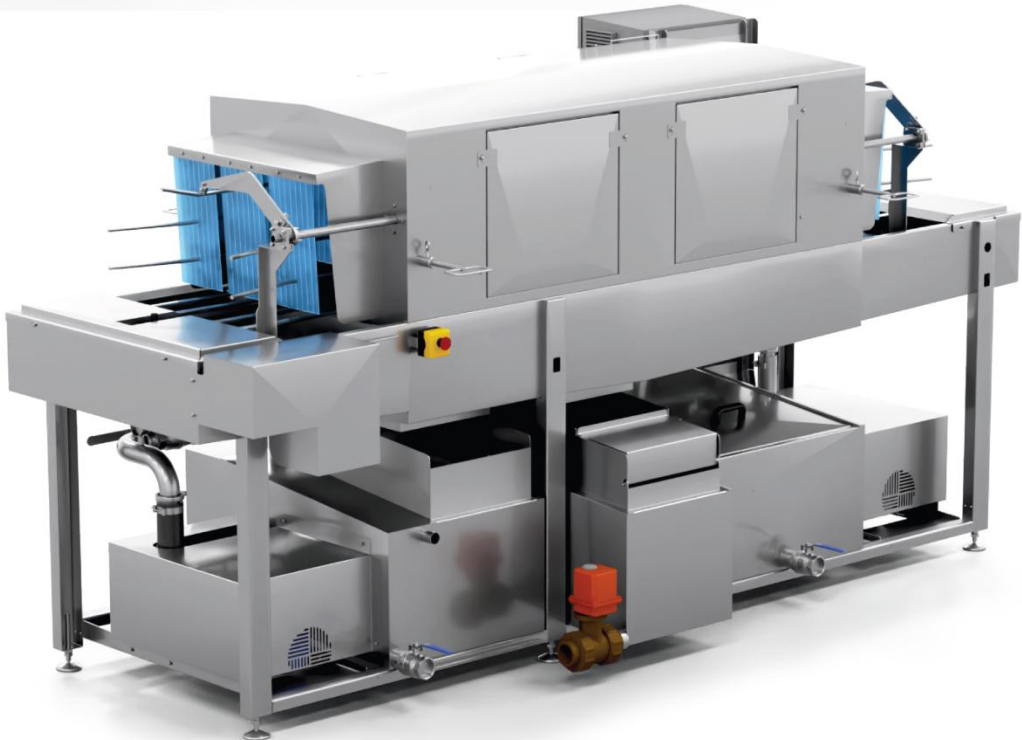
Static filtration system with screens



Angled high-pressure nozzles



Factory-installed water meter on the water supply line



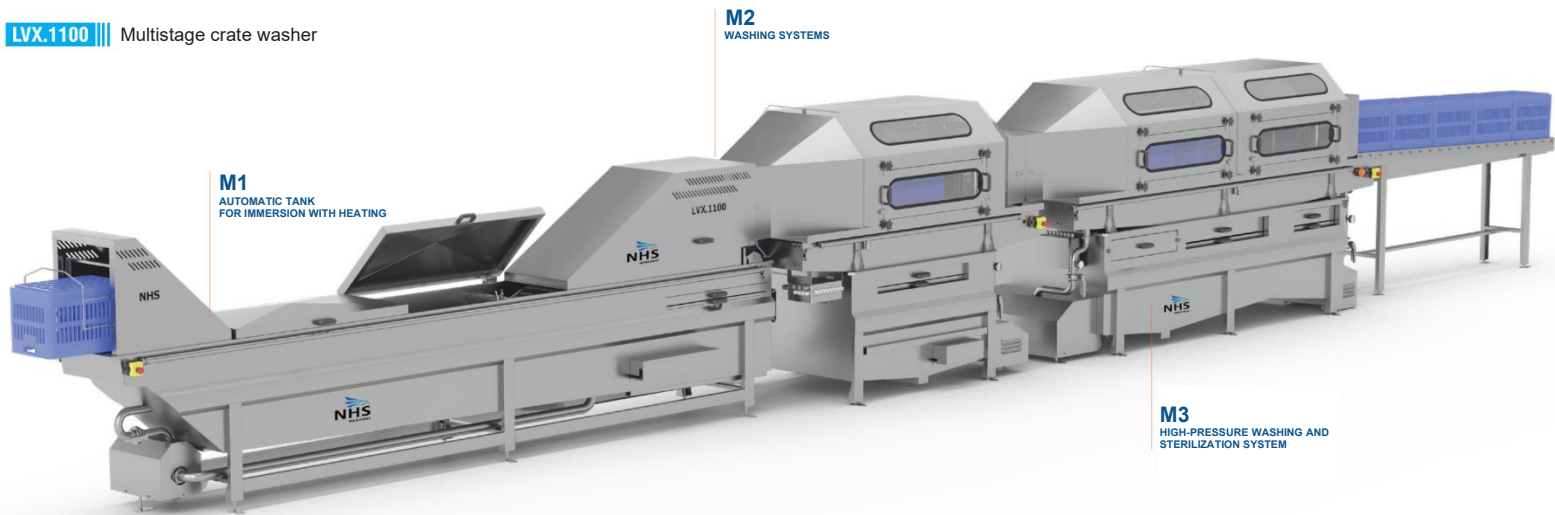
NHS automatic washer: compact, efficient and safe. Ideal for food, fresh produce and logistics, with two-stage washing.

Throughput	270 / 370 / 500 crates/hour *
Overall dimensions	L 3525 x W 1780 x H 1740 (mm)
Water volume	460 L
Total power with heating	46.5 kW
Total power without heating	9.5 kW

* Throughput may vary depending on the product to be processed and the equipment adjustment.

Crate washer

LVX.1100 Multistage crate washer



M3
HIGH-PRESSURE WASHING AND
STERILIZATION SYSTEM

Modular washer for plastic crates and various utensils.
From simple washing to complete sanitation.

Throughput	1,100 crates/hour*
Overall dimensions	L 15,200 x W 1,321 x H 2,100 (mm)
Water volume	4,200 L
Total power	64.1 kW / 85.5 cv

* Throughput may vary depending on the product to be processed and the equipment adjustment.



M1
AUTOMATIC IMMERSION
TANK WITH HEATING



M3
HIGH-PRESSURE WASHING
AND STERILIZATION
SYSTEM



M2
WASHING SYSTEMS

Versatility and Performance

Accommodates various crate sizes and various types of utensils, such as pans, trays, and crates of different shapes and sizes.





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