



IMA ILAPAK WA 14/50 + VT2000 OF P - LIGNE D'ENSACHAGE



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SKU: 12516 | **Categories:** [Bagging machine / bagger](#), [Line / set of production machinery](#), [Multihead weighing machine](#), [Packaging machines](#), [Packing and packaging line](#), [Vertical bagging machine](#), [Weighing and dosing machine](#)

PRODUCT DESCRIPTION

Manufacturer: Ilapak Italia S.p.A. (IMA Group)

Year: 2023

Type: Complete bagging line: Vegatronic VT2000 OF P vertical bagging machine + Weightronic WA 14/50 14-head multihead weigher + feeder + stainless steel platform

LINE-UP

1. Belt conveyor – PA.MA Service PTNMSX
2. Z-type lift with cleats – PA.MA Service PTNMSX-Z
3. 14-head combination weigher – Ilapak Weightronic WA 14/50
4. Vertical form-fill-seal (VFFS) bagging machine – Ilapak Vegatronic VT2000 OF P
5. Stainless steel platform (gantry) – FQS

- Maximum line dimensions: 4.81 x 3.00 x 7.35 m (H) (technical data sheet)
- Designed for use in cold/humid environments (deep-frozen products)

1. VEGATRONIC VT2000 OF P VERTICAL BAGGING MACHINE



- Vertical form-fill-seal (VFFS) bagging machine, open-frame version
- Tube and forming head
- Vertical longitudinal weld
- Horizontal cross-welding jaws with integrated cutting blade
- Belt-driven film transport
- Bag length controlled by an encoder
- Maximum mechanical output: 70 sachets per minute
- Film reel:
 - Ø max : 600 mm
 - Width: 400 mm
 - Chuck: Ø 76 mm
- Maximum weight: 50 kg
- Current size: Ø 170 mm (can be changed on request)
- VEROL reel holder with pneumatic expandable shaft – rear-loading
- Film tensioning idler roller
- Touchscreen HMI control

2. WEIGHTRONIC WA 14/50 MULTIHEAD WEIGHING MACHINE

- 14 heads – 1 pre-dosing bucket + 1 weighing bucket per head
- 15 load cells: 14 weighing buckets + 1 beneath the central cone
- Central dispensing cone
- Electromagnetic radial vibration channels, which can be dismantled without tools
- Baskets opened by stepper motors – configurable cams
- Timing hopper
- Unloading via 4 removable chutes into the outlet hopper
- Maximum speed: 90 strokes per minute
- Bucket capacity: 5.0 l
- Maximum discharge volume (per discharge): 12.5 l
- Discharge weight range (per discharge): 100 g – 3,000 g
- Maximum length of parts: 150 mm
- Modes: weighing or piece counting, mixing of up to 4 sectors, multiple discharge per bag
- Automatic taring and calibration
- Ilapak HMI touchscreen:
 - 4 access levels
 - Recipes
 - Statistics (mean, standard deviation)
 - Alarm history
 - Control of up to 4 external feeders
- Contact parts that can be removed without tools and are numbered per head
- AXIS F1035-E surveillance camera above the weighing machine – real-time display on the HMI (augmented reality mode)

3. PRODUCT POWER SUPPLY (PA.MA SERVICE)

PTNMSX belt conveyor:

- AISI 304 stainless steel frame



- Modular PP belt
- Effective width: 533 mm
- Effective length: 2405 mm
- Side panels, height 200 mm, hinged on one side
- Loading/unloading height: 3080 mm
- Speed: 22 m/min
- SEW SA37 gear motor – 0.37 kW – IP65
- Power supply: 400 V three-phase – 50 Hz
- Wash ramp with 10 nozzles

PTNMSX-Z Z-lift:

- AISI 304 stainless steel structure
 - Modular PP belt with cleats – pitch 203.2 mm
 - Effective width: 403 mm
 - Effective length: 5,300 mm
 - H 200 mm side rails on hinges
 - Loading height: 2,660 mm
 - Unloading height: 5,215 mm
 - Speed: 24 m/min
 - SEW SA47 gear motor – 0.75 kW
 - Power supply: 400 V three-phase – 50 Hz
 - Stainless steel loading hopper
 - Inspection hatches
- Control of the conveyors via the bagging machine control cabinet

4. FQS GANTRY PLATFORM

- Stainless steel tubular structure designed for washing
- Weigher support positioned above the bagging machine
- Staircase with stringers and steps made from folded sheet metal
- Stainless steel handrails
- Bolted assembly (dismantlable)

DOCUMENTATION AVAILABLE

- EC declarations (production lines and machinery)
- Declarations of incorporation for conveyors
- User manuals (French / Italian)
- Risk assessments (French)
- Electrical and pneumatic diagrams
- Illustrated parts lists (IPB)
- Recommended spare parts lists (RSPL)
- Food contact certificates

Equipment dismantled and stored on Osertech's premises.







