MACHINES
PACKAGING
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MACHINES FOR SALE

PRIMARY PACKAGING

⇨ TABLET PRESSES

- **Ref 2810 : MANESTY UNIPRESS** 34 station rotary tablet press, 1994, Output: 98,400 – 246,000 tablets /h, max compression: 65 kN, with a variable speed Rotary Powder Feeder, max depth of fill: 18 mm, turret accepts Euro-B Punches and BB Dies (sold without tooling), max tablet Ø: 11.1 mm, upper punch guides keyed allowing production of shaped tablets, with Pre-Compression Station (pre-compression force : 10 kN), s/s hopper, Manesty Compaction Force Monitor (this Unit cannot be tested by us, if required it will need to be checked, serviced and tested for function before putting into service), GMP compliant, Operator controls mounted at the front of the machine and, upper punch penetration : 1 to 6 mm, electrical installation : 4 kW, 380/415 V, 3 phase, 50 Hz, machine sizes : 1100 x 1100 x 1900 mm g) .
- **Ref 2534: MANESTY BETAPRESS** 16 station single sided rotary tablet press, output up to 90,000 tablets per hour. Slotted turret for shaped tablets, max. tablet diameter 16mm, pre-compression 7.5kN, main compression 65kN. incorporating high speed tabletting design features of pre and main compression stages combined with a twin paddle rotary feeder for efficient die filling. The variable speed drive system provides low to high output rates with the low tooling costs of only 16 Stns. Ideally suited to small / medium batch sizes and also pilot / development scale applications. The machine has all round interlocked guarding. The machine has been recently refurbished.
- **Ref. 1639B: MANESTY BB3B** Rotary tablet press, 27 stations, 15,8mm max. tablet ø, max output 91 200 tablets/h

⇨ DOSING MACHINE FOR POWDER

- **Ref 3000 : ELPACK SDC** weigh filler for powder, previously used for the dosing of milk and sugar powder, dosing range : 50 à 1000 gr, overhauled in 2011

⇨ COATING SYSTEMS

- **Ref 2345: ACCELACOTA 60** Coating system , 1997

⇨ CAPSULE FILLERS

- **Ref 3172 : SEJONG SF80-N** capsule filler, year 2007 (only 2095 working hours), output up to 80,000 per hour depending on product characteristics, including format parts for capsule size 0 (11 dosing disks) and 00 (9 dosing disks). Built-in vacuum pump. Touch screen HMI with 21 CFR chapter 11. 20 liter product hopper, 25 liter hopper for empty capsules. Electrical connection 380/50/50, Machine footprint approx. 1650 x 1420mm, height approx. 2060mm (2000kg)
- **Ref 3107 : IMA MATIC 200** capsule filler , 2001 (rewamping in 2016), 48 stations, Current format parts for capsule size 0, Max output : 200 000 capsules/h, Automatic statistical control online, spare parts, qualification documentation,
- **Ref 2309: VPT R&D** capsule filler for R&D , max output : 3000 / h , compact , auto rejection of unopened capsules , fully automated , conform to GMP, contact parts of S/S 316, for powder or pellet, capsule size from 00 to 4 .
- **Ref 2138B : PMS Mcap-II** Mini capsule filler for R&D , max output : 6000 / h , auto rejection of unopened capsules , fully automated , quick and easy capsule size change ; conform to GMP, Format from 00 to 4 .

⇨ LIQUID FILLERS

- **Ref 3178A : MARCHESINI ML652** inline filling, stoppering and crimping machine, year 2011, format for vials Diam 21.5 x H 50 and 60 mm (10-14 ml), Alu caps diam 20 mm, 8 filling stations (pumps not included), ejection of non-compliants, under laminar flow controlled in continous by a hot wire anemometer and particles counter connected to a environmental monitoring system EUROTHERM , rotary table, Dimensions : Excluding hoppers and electrical cabinet: L 4,40 x l 1,60 x H 1,90 m (1500 Kg), output up to 400 vials/minute, nominal output : 250 / min.
- **Ref 3064: IMA F940** monoblock filler/plugger/capper, 2003, stainless steel product contact surfaces, capable holding up to 8 fill heads (currently set up for 6 fill heads), 20 - 90 mm diameter x 40 - 180 mm height vial size range, includes model F572 plug/pump inserter, vibrating hoppers and bowl feeders, mounted under Laminar flow fume hood
- **Ref 2973 : GRONINGER DFVK 6000S** syringe filler, 1994, syringe filling and capping, max output : 15 000 syringes / h, capacity : max syringe diameter 16.5 mm, height between 30 and 100 mm, dosing range : 0.2 – 2.6 ml .

⇨ BAGS,SACHETS and STICKS FILLERS

- **Ref 3015: VOLPAK S-140** horizontal pouch machine. 1990, max pouch format 140mm x 200mm, max volume 300cc. max 100 pouches per min capacity. has volpak type ds303 (1990) double head filler . includes (1) autotherm model akl90 (1993) cooling unit rated 2.5kg at 25 bar uses r22 medium. (1) dce type uma40mmda dust collector and (1) dce unimater type mm20a dust collector. (1) lumonics model 942 (1990) lasermark printer, (1) fordertechnik 300kg capacity bowl lifter/inverter. various spare parts. last used on 70mm x 82mm 5 gram and 70mm x 95mm 7.5 gram 3 or 4 sides sealed pap-alu-pe pouches at 200 pouches/min. documentation available, good condition.

⇨ TUBE AND POT FILLERS

- **Ref 2489:IWKA TK63** Tube Coder S/N 31/36833, without laser unit, max output: 160 tubes/min, tube diameter of 28mm, tube length of 155mm, dimensions approx. 1,3 x 1,9 x 2 m

SECONDARY PACKAGING

⇨ LABELLERS

- **Ref 3184C:** **HERMA 152CP** Labeller of 2016 (never used) , DOMINO série GX printer (1 vertical support for printing on cap and 1 horizontal support for printing on label, ejection system, Vial Diam from 15 to 85 mm, width of conveyor belt 95 mm, HERMA H400 16B labelling head, Label height from 15 to 180 mm. KEYENCE vision control with code reader and OCR.
- **Ref 1939B:** **BOPACK COLLAMAT** labeller for vials or bottles, 2001, output: 80 strokes/min, max label height: 100 mm,
- **Ref. 1385:** **HARDLAND SIRIUS** Labeller, 1999, place a leaflet "TOPSERT" on the top of cap of square bottles

⇨ BLISTER PACKERS

- **Ref 3116 :** **MECAPACK FS950** Thermoforming machine, 2008, current format parts for blister of 2 vanilla pods, and blister with 20 ml vials, Options : Pegboard Hole for Eurohole, self-adhesif labelling on the back side of the blister, Dépose étiquette adhésive sur face arrière blister, 90 ° Online Module (Available april 2018)
- **Ref 2942:** **ROHRER & COLLIN AG Type RC800** lab/product development scale blister packer. 220mmx 150mm forming area. Manual operation ie draw the film over the forming area, start forming cycle after setting temperature and time controls, exchange top forming tool with trimming tool, load tablets capsules to pockets, operate cutting trimming tool, remove finished blister. 12 sets of tooling are supplied with the machine. The machine is mounted onto a sturdy base/tooling storage cabinet which has castors for mobility. Machine is complete with Watson marlow peristaltic pump and original manufacture manual. 240V 1ph electrical supply.
- **Ref 2406:** **CAM PARTENA M82** blister packer, 1992, soft version EC V/0501, 40 strokes / min, step : 156 mm, 2 vibrating bowls for needle ,

⇨ CARTONERS

- **Ref 3183 :** **ROMACO CV 1/060-602** vertical cartoner for manual or automatic feeding in intermittent operation, year 2004, output : from 10 to 60 cycles / min, carton sizes : A from 20 to 170 mm, B from 15 to 140 mm, C from 60 to 200 mm, pitch 210 mm, ideal solution for the flexible cartoning of a wide variety of products and event product mixtures (high format flexibility – change-over time 5-10 minutes), can be used for reverse tuck closures, aeroplane flap closure or auto-bottom
- **Ref 3053:** **IMA A94** Continuous motion cartoner , 1995, max output : 200 cartons/min dependent upon product., Automatic bottle infeed system with scroll, Various scrolls for different size bottles, change parts for bottles : diam 35 x 75 (hand feeding), diam 45 x 133, diam 46 x 113, diam 49 x 122, diam 51.2 x 98 and diam 57 x 141, Guk leaflet inserter, good condition .
- **Ref 3050:** **MARCHESINI BA300** Continuous motion cartoner, 2001, Automatic Bottle scroll infeed system, Machine set up for glue closure cartons, GUK flat bed leaflet folder, Laetus 6012 Pharma code reader and 2 sensors for leaflet and Carton code check, Carton size range : Width 25-100 Height 13-70 Length 78-150 , Maximum mechanical output 250 CPM actual speed upon nature of the product,

⇨ CAPPERS/CRIMPER

- **Ref 3184B:** **MARCHESINI FTC ML55T** screw capper of 2010, 2 formats (1 for glass tube + 1 for plastic tube), WEBER new screwing head with torque control for the screwing of glass tube and press-on capping for plastique tube, ejection system
- **Ref 3101D :** **RELCO FCSF** fully automatic sealing machine, 2004
- **Ref 2384:** **KUGLER K705-S8** Screw capper, 1998, output: 4200 to 16800 / h (working output: 9000 / h), compressed air: mini 6 bars, working direction: left to right, reject device, control panel, caps elevator, conveyor.

⇨ END OF LINE

- **Ref 3178C :** **NERI TM2** a tray loader NERI TM2 , year 2011, Dimensions: excluding infeed conveyor : L 2,38 x l 1,25 x H 1,42 m (excluding panel)
- **Ref 3128 :** **PESTER Pewo-Pack 450** Stretch wrapper incl. shrink tunnel, 1 format part, bottle alimentation 90° (screw conveyor: 2650 x 760 x 1765 mm). Output: max. 150 units/min. Machine is CE-conform.
- **Ref 2957:** **PESTER PEWO FOLD 1B** overwrapper, 2005, with tear-tape applicator unit and stacking device
- **Ref 2771 :** **PESTER Pewo-pack 450 SN-HS** collating stretch banding machine, 1993, film type : PE, film width: 450mm, min film width : 30 mm, film thickness : max 0.1 - min 0.02, max roll diameter 300mm, core diameter 70/76, Machine sizes : 2.9m x 1.3m
- **Ref 2769 :** **CERMEX SL 21** case packer, 1990, max output: 120 cartons/min, TSX 3721 automate, adjustable carton infeed up to 80cm, hot melt closer device NORDSON 2302 (tank Volume: 8500 cm3, pumping output: 32.6 Kg/h, 105 to 205 °C, 3500W), case capacity: length: 200 to 450 mm, width: 170 to 250 mm, height: 100 to 375 mm, Length + width max 650 mm, flap from 85 to 125 mm, carton capacity : Length (stacking device width direction) from 75 to 200 mm, thickness (stacking device height direction) from 30 to 60 mm
- **Ref 2529:** **MARCHESINI BA 90-BFF** case packer , 1999, collates cartons 2 x 5 or 3x4, then pushes them into bucket chain and moved into position to be fed into case that picked via vacuum and erected then pushed into position where carton packs are pushed into case then glued closed at both ends. Argus Laetus Barcode reader, Nordson Series 3400V Glue unit. Elec: 480V/3Ph+PE/(kw/24VDC,
- **Ref 2430:** **SKINETTA PAC-SYSTEME ASK-300** bundler and stretch wrapper, output up to 32 packs per minute. Maximum reel width 300mm. Maximum final pack dimensions 380mm (W) x 360mm (L) x 290mm (H). Includes stacking unit. Year 1992
- **Ref 2668 :** **BFB 3786** Carton Collating / Overwrapping Machine, fitted with Telemecanique PLC Control System, 1993, fully mechanical machine, size change over without any tools (max 10 min), easy adjustments by digital indicators, max output : 50 bundles / min, Film : PP, PVC and cellophane, max bundle sizes : height from 25 to 150 mm, length (on width film) from 65 to 250 mm, width from 70 to 300 mm, width film from 100 to 500 mm, machine sizes : 3100 x 1200 x 2100 mm, electricity : 380/220/24DC Volts, 50 Hz, phase 3+1

COMPLETE LINES

- **Ref 2964:** **BAUSCH & STRÖBEL SWS 1071+SAM8061** Washing machine with B&S SAM 8061 syringes feeding system, year 2001, complete overhauling in 2021, Current format for syringes 1 ml, Capacity : Syringe diameter between 6.85 and 10.85 mm, Body length : at least 30 mm, Total length (with needle shield) : max 125 mm, siliconising station, Recycling water station, Needle shield dispenser, Max output : 18 000 syringes / h, Tray specifications : Length : from 263 to 365 mm, Width : from 93 to 150 mm, Height : max. 23 mm, Original documentation available (in English language): functional Specifications, pneumatic drawings, IQ /OQ Protocols, qualification tests, Possibility to add a new Robotic syringe packaging system (nesting, tubing, cotton sheet and lid sealing and printing)

COMPLETE LINES

- **Ref 3184: Tablet counting line** includes : A –MARCHESINI FTC compact 12 tablet, capsule, dragee counting machine of 2011, 3 vibrating plates with 12 tracks, Vial diameter from 20 to 100 mm, vials Height from 55 to 185 mm, tablet diameter from 5 to 20 mm, ejection system, with feeding bowl for plastic tubes Diam 26.4 mm x H 56.3 mm. B –MARCHESINI FTC ML55T screw capper of 2010, 2 formats (1 for glass tube + 1 for plastic tube), WEBER new screwing head with torque control for the screwing of glass tube and press-on capping for plastique tube, ejection system,, C- HERMA 152CP Labeller of 2016 (never used) , DOMINO série GX printer (1 vertical support for printing on cap and 1 horizontal support for printing on label, ejection system, Vial Diam from 15 to 85 mm, width of conveyor belt 95 mm, HERMA H400 16B labelling head, Label height from 15 to 180 mm. KEYENCE vision control with code reader and OCR.
- **Ref 3178 : MARCHESINI filling line** year 2011, format for vials Diam 21.5 x H 50 and 60 mm (10-14 ml), Alu caps diam 20 mm. The line includes : A- inline filling, stoppering and crimping machine MARCHESINI ML652, 8 filling stations (pumps not included), ejection of non-compliants, under laminar flow controlled in continous by a hot wire anemometer and particles counter connected to a environmental monitoring system EUROTHERM , rotary table, Dimensions : Excluding hoppers and electrical cabinet: L 4,40 x l 1,60 x H 1,90 m (1500 Kg), output up to 400 vials/minute, nominal output : 250 / min. C – a tray loader NERI TM2 , year 2011, Dimensions: excluding infeed conveyor : L 2,38 x l 1,25 x H 1,42 m (excluding panel)
- **Ref 3046:MEDISEAL tablet packing line** year 2006, output : 200 à 250 blisters / min, Equipped for Alu/PVC blister (predisposed for Alu/alu blister), complete documentation, leaflet inserter.
- **Ref 2977B: BREVETTI inspection line** Complete Inspection plant for pre-filled syringes comprising: 1- Sybermat denester (2002): Tubs of nested syringes arriving from the filling line are denested by a robotic arm with suction cups into denesting combs. The syringes are then dispensed from the combs into either of one inspection machine. The empty nests and tubs are discharged from the machine for re-use. 2- One duplex Brevetti ATM 15D inspection machine (2008): each module handling up to 133 syringes per minute (total 2 modules 266 syringes per min). Each module is equipped with 6 control stations for presence of bung, reflective particles, fill height and bung position, needle cover, non-reflective particles, plus turbidity meter. The inspected syringes are discharged in lanes for further processing.
- **Ref 2661 : IMA BFB 3786B** carton collating and overwrapping machine, bundler. Fully mechanical machine driven by cams. No pneumatic motions, Oil Bath lubrication, Easy cleaning, Rotary knives to cut the film, Positive film feeding system by means of timing belts, Main pusher with return stroke over the top of the stacking unit, High-speed stacking unit, Automatic discharge of the last bundle left into the machine, Continuous motion exit sealing belts, Size change-over without any tools, easy adjustments by digital indicators, Size change-over time: 10 min max, powered double film unwinders, Size range: Cartons - min. 12x10x65 to max 300x85x200mm Bundle - min. 70x25x 65 to max 300 x 150 x 250mm, Output from 100 to 500 incoming individual cartons, and up to 50 bundles per minute. Year 1994
- **Ref 2578: LIPSTICK FILLING LINE** including a machine of casting for lipstick (Ø between 12 and 12.6 mm), a CL AUTO mechanism loader, a ADMV mechanism palettizer of 1998, other equipments (platform, table, trolley…), machines output : 50 strokes / min
- **Ref. 1941: STICK FILLING LINE** includes machine for stick, 19mm ø, 2400 pieces/h output, automate SCHNEIDER TSX micro with Magelis and a assembling unit for stick ADMV

OTHER MACHINES

⇨ POWDER MIXERS, GRANULATORS, FLUID BED DRYER

- **Ref 3059: NIRO MP3** little used niro model mp3/2/3 10 bar stainless steel multi processor fluid bed dryer / granulator / coater. rated 10 bar over pressure. unit includes various bowl inserts, spray arms and air handling system.
- **Ref 3103: GLATT GPCG3** fluid bed dryer- granulator processor constructed in 316 grade stainless steel supplied new in 1995 (fully serviced by Glatt in 2013). The machine is suitable for lab or product development scale applications and is supplied with a number of bowl attachments for various batch volumes (including 3 and 5 litre), External heating supply unit. Air filtration system located in the machine base. A large number of boxes of associated spares are included with the machine which is in excellent hardly used condition
- **Ref 3058: NIRO MP1** stainless steel multi processor fluid bed dryer/granulator/coater, very little used and only ran for validation , can be used for drying, top spray fluid bed granulation and bottom spray powder, pellet & tablet coating. filter chamber includes 12 litre product bowl which is hinge mounted and removable. also includes cylindrical expansion chamber and hinge. has flange, sight glass and lamp. inlet air handling includes inlet air preparation unit with G4 inlet filter, steam air heating coil, face/bypass damper with actuator and F8 fine filter. also has VENTEX ESI-R (10 bar) inlet explosion protection valves including controls. process air bypass system includes additional regulating valves to allow air to bypass the processing chamber. fan is 10 bar pressure shock resistance with negative static pressure head to 14,000 Pa driven by eexd motor. control system is Siemens s7/300 and mp370 for location in zone 2 area. includes product temperature sensor and indication. in addition to standard unit it includes additional 16 litre stainless steel product container and sample socket with Perspex flask. includes top spray lance assembly with nozzle set and through the wall peristaltic pump. has precision coater insert for 12 & 16 litre containers with pellet retaining element and additional nozzle inserts. has secondary dust filter for use with the precision coating process (10 bar psr). also has pre heater and humidification coil. includes dehumidification unit and H13 hepa inlet filter. also includes exhaust police filter with epv and batch data recording system, data recording and trending package. supply voltage 380 volt 3/50. reportedly minimum batch weight 0.16 kg and maximum batch weight 6 kg. new 2005 and last used on 1.5-5 kg batches. reportedly little used and in excellent condition.

⇨ POWDER MIXERS, GRANULATORS

- **Ref 3005 : AEROMATIC PMA 800** High speed mixer granulator, 1998, Gross volume: 800 L, Normal working volume: 640 L, Average granulated batch weight: 350 Kg, Impeller speeds : 78/156 rpm, Impeller motor capacities : 30/36 kW, Granulator speeds : 1500/3000 rpm, Granulator motor capacity : 7.5/11 kW, double jacketed, good working condition,
- **Ref 2815 : AEROMATIC FIELDER Pharma Matrix PMA 65** high speed mixer-granulator constructed in GMP quality 316 grade s/s with mirror polished finish to all product contact surfaces, 1996, mixing bowl gross volume: approx 65 L, nominal working capacity 25 kg, main (3 blades) mixing impeller is driven from a 7.5kw 415v non- flameproof motor, variable speed range 40-400 rpm. 2 blade side entry granulator is driven from a two speed 1.3kw 1500 rpm/1.8 kw 3000 rpm 415v non- flameproof motor. mixing bowl top cover with a filter housing and an inflatable seal, activated automatically. wash-down system for both motor shaft seals. mixing bowl with an external s/s heating/cooling jacket rated at 2 bar/80c max, < 7 litres/min. CASTELL key safety interlock devices fitted to the top cover and product discharge valve access cover. machine control panel features: 2xmotor load amp-meters, granulator and main impeller speed indicators, batch timer setting, 0-100deg C temperature indicator, discharge valve open/close, ... on castor

⇨ DRYER

- **Ref 3025: GLATT TFO 100/150** Fluid bed dryer , 1979 revised in 2002, in stainless steel, pneumatical version /EX, 2 tanks on trolley (per dryer) model wsg 120, 400 liters / Diam 1200 / 900 x depth 500 mm, control cabinet, security by membranes of explosion coupled with gas inert nitrogen bottles, technical manual,

⇨ CREAM MIXERS

- **Ref 2247: HAAGEN & RINAU SR 500** 500 litre pressure vacuum process vessel for creams, 613 L total, pressure : 2 bar at 133 °C, s/s double jacket: pressure 4 bars at 150 °C, UNIMIX mixing group at double movement, main agitator with scraper drove by motor 5 kW 415 V/3 P/50 Hz; lower entry homogenizer at 2 speeds, speed: 1460/2935 rpm, hydraulic group for the vessel tilt

⇨ TABLET AND CAPSULE COUNTER

- **Ref 3012: KING Technocount TC8** fully automatic medium speed electronic tablet/capsule counter/filler with 8 lanes. Constructed in 316 grade stainless steel. Complete with 6m st.stl variable speed conveyor and machine manual. Supplied new in 2002

⇨ INSPECTION MACHINE

- **Ref 3139 : SEIDENADER PI40** Fully Automatic Inspection Machine for the inspection of liquid filled vials, 2007, current format : Vials 2R, dia. 16mm (DIN), max vial sizes : max. 30 mm container diameter, max. 120 mm container height, clear and amber glass, Products: milky suspensions, Output: 24 000 products/h based on Vials 1 - 10 ml, In continuous product transport, in monoblock concept.
- **Ref 2977B : BREVETTI inspection line** Complete Inspection plant for pre-filled syringes comprising : 1- Sybermat denester (2002): Tubs of nested syringes arriving from the filling line are denested by a robotic arm with suction cups into denesting combs. The syringes are then dispensed from the combs into either of one inspection machine. The empty nests and tubs are discharged from the machine for re-use. 2- One duplex Brevetti ATM 15D inspection machine (2008): each module handling up to 133 syringes per minute (total 2 modules 266 syringes per minute). Each module is equipped with 6 control stations for presence of bung, reflective particles, fill height and bung position, needle cover, non-reflective particles, plus turbidity meter. The inspected syringes are discharged in lanes for further processing.
- **Ref 2935: Inspection Tables** visual inspection, several available

⇨ WASHING MACHINE

- **Ref 2964B: BAUSCH & STRÖBEL SWS 1071** Washing machine of 2001 complete overhauling in 2021 (with B&S SAM 8061 syringes feeding system ref 2964C in option), year 2001, Current format for syringes 1 ml short (diam 8.15 x 64 mm), Capacity : Syringe diameter between 6.85 and 10.85 mm, Body length : at least 30 mm, Total length (with needle shield) : max 125 mm, Max output : 18 000 syringes / h, siliconising station, Recycling water station, Needle shield dispenser (for RNS caps). Original documentation available (in English language): functional Specifications, pneumatic drawings, IQ /OQ Protocols, qualification tests
- **Ref 3170 : ICOS Impianti LST120** washing machine for pharmaceutical parts. 2011, Last used for washing, rinsing, siliconizing, sterilization, drying and cooling of rubber stoppers for vials. Volume of chamber 1555 litres, (12) baskets inside of chamber, each basket has a volume 30 litres with max.batch 10 kg of pharmaceutical parts. Chamber polished Ra<=0.5 and baskets are electropolished Ra<=0.5, made of 316L stainless steel. Has Siemens control panel. Operating pressure in chamber 1.8 Bar/vacuum at maximum 128 degC.
- **Ref 3021: STERILINE SWAB5** Vial washer, 2008 never used, conception complies with FDA, GMP (GAMP version 4) regulations, Siemens: PLC: S7 300, Motors speed regulators: MM 420, Operator panel: TP 277 6" touch panel (Soft WinCC Flexible 2007) – Text in English, can operate vials with max Ø 22 mm and max height 70 mm, Max possible speed (depending on the format): 9600 /h, Number of vials by row: 8, Current format: Vials 14 ml, Ø 21,5 mm, Height 60 mm, Weight approx 13 gr, Speed for that format: 7000 /h, Typical vial washing cycle: 1- Interior/exterior washing (recycled water, filtered 1,2µ), 2- Vial's interior blowing (compressed air, filtration 0,22µ), 3- Vial's interior rinsing (new Water For Injection), 4- Vial's interior/exterior blowing (compressed air, filtration 0,22µ), Machine's dimensions: 4600x1250xH1700 mm, Work surface height: 850 mm, Compressed air: pressure 6 bar, air consumption: 40 Nm3/h, Electricity: 3x400 VAC, 50 Hz, 2 kW, WFI: 3 bar, consumption: 280 l/h, Metal parts in contact with process fluids or in the vial washing zone :AISI316 or 316L s/s, Non-metal parts: polyethylene, silicon or delrin, Complete documentation
- **Ref 2861: LANCER 1600 PCM** S/S Washer. Internal chamber dimensions :33 5/8" H X 27 3/4"D X 27 3/4" w. Stainless steel construction, 208 volt, 3/60 hertz, new 2003
- **Ref 2964C: BAUSCH & STRÖBEL SAM 8061** syringes feeding system, year 2001, complete overhauling in 2021 , Current format for syringes 1 ml, Capacity : Syringe diameter between 6.85 and 10.85 mm, Body length : at least 30 mm, Total length (with needle shield) : max 125 mm, Max output : 18 000 syringes / h, Tray specifications : Length : from 263 to 365 mm, Width : from 93 to 150 mm, Height : max. 23 mm, Original documentation available (in English language): functional Specifications, pneumatic drawings, IQ /OQ Protocols, qualification tests

⇨ OTHER

- **Ref 3122 : EPELSA BC060** Satinless steel industrial scale, 1994, large platform, Weight range : max 600kg, mini 4 kg, accuracy 200g, stainless steel platform 130 x 130 cm, platform height 7 cm, 4 Adjustable feet (stainless steel sensors), Black plastic Control Panel (to be fixed on a wall), Cable Connection 5m, Updated Metrological control booklet, instructions for use and adjustments provided, use in clean room only, excellent condition.
- **Ref 2977C : SYBERMAT** denester (2002) for Hypacks of 100 syringes: Tubs of nested syringes arriving from the filling line are denested by a robotic arm with suction cups into denesting combs. The syringes are then dispensed from the combs into either of the inspection machine(s). The empty nests and tubs are discharged from the machine for re-use. Suitable for pre-filled syringes 10.85 mm diameter, max. 105mm long, output up to 20.000/hour. Year 12/2002.
- **Ref 2008: PRISMA 09C3** inline checkweigher for shipping/display cartons and similar articles, weight range up to 26.88kg. Year 1998
- **Ref 3079B:GMS/PMZ** product lifting hopper, 2016 (never used)
- **Ref 3034: GLATT GS100** conemill, 1997, suitable for milling agglomerates back to initial size, granulating or reduction of oversized particles of wet and dry products to a specified particle size. Outputs of 20 to 150 kg/h can be achieved depending on the product characteristics, manufactured entirely from polished Stainless Steel. Ex pharma, Screen sizes are as follows : 0.8, 1.0, 1.2, 1.5, 5 x 5.

⇨ **OTHER (continuation)**

- **Ref 2826 : GRONINGER MRT 100P** Syringe Buffer, 2005, current format for syringe 1ml diameter 8.15 mm / BD Hypak 1ml long , machine sizes : 2.94 x 0.90 x 1.30 m, with syringe conveyor
- **Ref 2828 : Syringe conveyor** 2005, dimensions : 3.45 x 0.50 x H (adjustable) 1 m, usable for a syringe diameter between 6 and 11 mm
- **Ref 2137 : NERI SF 105** Blowing machine for vials with Ø between 25 and 62 mm , 1994 , max output : 15 000 / h , 15 bottle holders on each bar , with technical manual .
- **Ref 2770 : HAPA DEF 310** printing machine, overhauled in 2005, opendate printing, max flat carton sizes : 300 x 250 mm,
- **Ref 2843C : BOHLE PH 200 EX** Hydraulic lifter, 1998, s/s, capacity 120 kg, lifting height appr. 1,20 m, drum holder Ø 400 mm, rotatable, tiltable upwards , length of arm 820 mm, mobile, EEx eII CT4, 400V/50Hz/0,75kW, very good condition
- **Ref 3179 : SERAIL CS15-1** Freeze dryer with stoppering, year 2009, CIP / SIP, 4 shelves of 340 x 750 mm, useful surface : 1.02 m^2, space between shelves : 103 mm, Chamber volume 683 liters , ice capacity : 15 Kg, refrigerant R404A, Nitrogen injection valve, freezing température: - 48°C, max heating température: + 80 °C
- **Ref 2789: EDWARDS LYOFLEX 06** S/s freeze dryer. 1994, CE Mark, unit has (2) 405mm widex610mm long shelves on 120mm centres with stoppering device driven by 1hp, 415volt, 3/50, 1500rpm hydraulic pump. approx 0.55sqmt heat transfer area. s/s chamber measures approximately 812mm Øx 673mm deep. chamber is rated 30 psi/full vacuum design pressure at 275 deg.f. with a mdmt rating of 30 psi/full vacuum at -76 deg.f. unit has hinged clamped front door with davit arm attachment and sample thief device, s/s internal cip spray bars. includes (2) BITZER type S4T/5.2 compressors rated 19.7cumt/hr driven by 4kw, 415volt, 3/50, 1450rpm motor, CIP APV CREPACO model W40/20 pump driven by 5hp, 208/415volt, 30/50, 2890rpm motor. utilities required cooling water @ 20 °C approx. 3,600 litre/hr, compressed air at 6 bar max and defrost water 250 litre @ 60 °C. steam 50kg/hr at 130 deg.c. unit includes electrical control cabinet, electrical cables, pipework and envair isolation booth, documentation available, good condition, without vacuum pump

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