

MACHINES FOR SALE

PRIMARY PACKAGING

⇒ TABLET PRESSES

- Ref. 1639B: **MANESTY BB3B** Rotary tablet press, 27 stations, 15,8mm max. tablet \varnothing , max output 91 200 tablets/h
- Ref. 1774: **MANESTY B3B** Rotary tablet press, 16 stations, 15.8mm max. tablet \varnothing , 17.4mm max depth, max output 42000 tablets/h
- Ref. 1775: **MANESTY B3B** Rotary tablet press, 23 stations, 11.1mm max. tablet \varnothing , 17.4mm max depth, max output 60000 tablets/h
- Ref. 1776B: **MANESTY D3B** Rotary tablet press, 16 stations, 25.4mm max. tablet \varnothing , 20mm max. depth, max output 31200 tablets/h
- Ref. 1856: **KORSCH PH343** Rotary tablet press, 43 stations, Euro-B, 13mm max. \varnothing , max output 258000 tablets/h, slotted turret
- Ref. 1869B: **MANESTY B3B** Tablet Press, 16 stations, Euro-B, 16mm max tablet \varnothing , 18mm max depth, max output 42000 tablets/h
- Réf. 2006: **KORSCH PH216** rotary tablet press 16 station, max. tablet \varnothing 16 mm, capacity up to 70,000 tablets per hour. fully refurbished in 2003, and little used since then. Other used tooling also included. Includes a Lux Pharmtec tablet deduster year 2003.
- Réf. 2013: **KILIAN 51 X** rotary tablet press, 51 stations, keyed chrome plated turret; twin hoppers with force feeders; pre-compression; Kilian tooling with a min/maxi tablet \varnothing : 2mm-16mm; output: 50,000-460,000 tablets / h; In very good condition
- Réf. 2014: **NOVAPRESS 45 B** rotary tablet press (two off) ; 45 stations, B tooling - need servicing
- Réf 2053: **FETTE PERFECTA 1000** rotary tablet press, 22 stations (Eu-1"/Euro-D), maximum tablet \varnothing 25 mm, output up to 72,900 tablets per hour.
- Réf 2054: **FETTE P 2100** rotary tablet press, 29 stations (Eu-1"/Euro-D), slotted turret, maximum tablet \varnothing 25mm, output up to 130,000 tablets per hour. year 1988.
- Réf 2068B: **FETTE PERFECTA P2000** tablet press of 1985 , 36 stations , pre-compression : 15 kN , compression : 80 kN , max output : 205 000 tablets / h , max diameter of tablet : 16 mm , max depth of tablet : 8.5 mm , with control system SACC developed by ICS
- Ref 2104 : **MANESTY LAYERPRESS** 39 station B tooling rotary tablet press capable of producing three layer tablets. B tooling, Keyed turret, Rotary power feeder, Max. tablet \varnothing 16 mm, Max. depth of fill. 17.5 mm (11/16"), 6.5 ton Max compression, Will produce single, 2 or 3 layer tablets, 6.3 mm ($\frac{1}{4}$ ") /layer, Layered tablet output: 320-1250 per minute. Electrical installation 3 HP 220/440 Volt , variable speed
- Ref 2132C : **FETTE PT 3090 IC** double sided rotary press, usable for salt tablets, 49 stations EU 1 inch-441, max. tablet- \varnothing 25 mm, die- \varnothing 38,1 mm, output 88,200 - 470,400 tablets/hr., pressing/pre-pressing capacity max. 100/100 kN, filling depth max. 18 mm, tablet thickness max. 8,5 mm, s/s version, regularly maintained, compression roll almost new, incl. several tools \varnothing 25 mm, several spare parts (new and used), 200-400V / 50/60Hz / 16kW, good condition
- Ref 2139 : **FETTE PT2080** single rotary press with 43 stations EU 19 (EU-BB), max. tablet- \varnothing 13 mm, die- \varnothing 24 mm (EU 19), output 12,900 - 296,700 tablets/hr., pressing/prepressing capacity max. 80/15 kN, filling depth max. 18 mm, tablet thickness max. 8,5 mm, operating voltage 200 - 500 V, 50/60 Hz, operation and control unit 2080 IC (different languages selectable), available filling cams 6, 8, 10 (installed), 12 and 14 mm, regularly maintained by Fette, last calibration by Fette in Dec 2006, very good condition
- Réf 2149 : **KORSCH PH 250/25** rotary tablet press, 25 stations, (die \varnothing 30.16 mm, die depth 22.22 mm, tool \varnothing 19 mm, upper & lower tool length 133.6 mm), max. tablet \varnothing 16 mm, max. depth of fill 18 mm, max. precompression 20 kN, max. compression 80 kN, output up to 134,400 tablets/h, slotted upper turret, paddle feeder, including one set of tooling for tablet \varnothing 12 mm and spare parts. 1993.
- Réf 2163 : **COURTOY R090** 26 station, single sided rotary tablet press, 1994, EU19 B/BB tooling; keyed turret, pre-compression, compression, PLC controlled, max 150,000 tablets/hr, max tablet \varnothing 13 mm; powered rotary feeder, full GMP containment,
- Réf 2166 : **KORSCH PH 214 PHARMAPRESS** 14 station single sided rotary tablet press, 1983, Tablet- \varnothing max. 16 mm, Filling depth 0-20 mm, Max. tablet- \varnothing 16 mm, Compression max. 60 kN, Output max. 63.000 t/hr. 2 sets of tools/dies \varnothing 8 mm & \varnothing 12 mm, Tablet process control system Pharmakontrol 2, drive 380 V/50 Hz, Like new
- Réf 2180 : **MANESTY NOVAPRESS** high speed rotary tablet press, stainless steel, 37 stations, Keyed turret for production of oblong tablet , Double precompression, Max output : 220,000 tablet/h, max tablet \varnothing 25.4 mm, Max depth of filling 20.6mm, Max pression 100kN, Stainless steel hopper, safety interlocked guarding, Electricity : 380V/50Hz/3p.
- Réf 2266: **Manesty RS3** heavy duty single sided rotary tablet press, designed and constructed for industrial type applications. Products which are made on the RS3 include; detergents, ceramics, toiletries, electronic sinters, batteries, animal health care products, pre compacting 'slugging' prior to high speed tableting. It is equipped with a free flowing, open feed frame system. Maximum tablet diameter 69.8mm, slotted turret for shaped tablets or multi-tip tooling, output up to 12,600 tablets per hour.
- Ref 2202: **KORSCH PH 300 E (329)** Rotary tablet press, 1989, Pharma version in s/s, 29 stations, max. tablet- \varnothing 25 mm, EU-D tooling, max. pressing capacity 80 kN, max. filling depth 22 mm, max. tablet thickness 11 mm, max. output 139.200 tabl./h, without tools, incl. new turret EU-D, 380V/50Hz, completely reconditioned incl. new electrical controls, very good condition
- Ref 2203: **KORSCH PH 329** Rotary tablet press , 1989 , 29 stations, max. tablet- \varnothing 25 mm, for EU-D tooling, max. pressing/pre-pressing capacity 80/20 kN, max. filling depth 22 mm, filling cam for 10, 14 + 18 mm available, for guided punches, max. tablet thickness 11 mm, max. output 139.200 tabl./h, without toolings, 380V/50Hz/7kW, very good condition
- Ref 2324 : **MANESTY EXPRESS 25** rotary tablet press, 25 station B-type tooling with keyed turret suitable for round and shaped tablets, featuring rotary paddle feeder, pre-compression, centralised lubrication system, safety interlocked guarding. Output speed variable 1000-2500 tablets/min, max tablet dia 15.9mm max depth of fill 17.5mm, max compression force 6.1 tonnes, motor power 4hp. Machine dimensions 910mm x 760mm x 1830mm high, approx weight 1120kg
- Réf 2055: **FETTE PERFECTA 2** rotary tablet press, 18 stations (Euro-D), max tablet \varnothing 25mm, with paddle feeder, max output 32,000 /h.
- Ref 2323 : **FETTE P2100** rotary tablet press, 43 stations (EU-19), slotted turret, maximum tablet diameter 13mm, maximum depth of fill 18mm, maximum pre-compression 15kN, main pressure 80kN, includes Datakontroll 2 control and monitoring system. Capacity up to 258,000 tablets per hour.

⇒ **TABLET PRESSES (continuation)**

- **Ref 2359** : **FETTE PERFECTA P1000** rotary tablet press, 24 station (using P2 tools), max. tablet diameter 20mm, max. depth of fill 22mm, precompression up to 20kN, main pressure up to 80kN. Turret speed 15-45 rpm, output up to 64,800 tablets per hour.
- **Ref 2377**: **KILLIAN RTS** Tablet press, 1990, 21 stations, EU-D, in good condition (2 available)
- **Ref 2383**: **KILLIAN E150** Tablet press, 1998, 20 stations, max tablet diam : 22 mm, max depth : 40 mm, max compression 100 kN, precompression max : 23 kN, max output : 29 000 tablet /h, 122 hours of working, tooling for tablet diameter 10 and 14 mm.
- **Ref 2393**: **KORSCH EKII** Eccentric tablet press , 1972 , machine will be overhauled technically and optically before delivery, tablet- \emptyset /transversal max. 50 mm with single tool, filling depth max. 40 mm, output max. 3.000 tabl./h. with single tool, pressing capacity max. 120 kN, with tool set for \emptyset 7 | 12 | 21 mm, 380V/50Hz/1,5kW .
- **Ref 2397**: **MANESTY 2C** single punch eccentric press can produce both round and shaped tablets up to 38mm dia. This robust press is ideally suited for the production industrial compacts. It can be equipped with multi-tipped tooling for increased output. The 100kN pressing mechanism is equipped with an adjustable overload system, which can be set to prevent damage to the tooling. Output is up to 3,360 tablets per hour

⇒ **DOSING MACHINE FOR POWDER**

- **Ref. 1738**: **PERRY ACCOFIL E1300** Semi-automatic powder filler, dosing range 10md to 15g, 203.2mm max vials height, 127mm max vial, 12.7mm current format, vials aperture at least 15mm, accuracy of dosing 1 %
- **Réf 2045**: **IMA ZANASI MD 150 + ZG 150** Powder filler / bung inserter / crimper , 2 dosing heads (accurate filling of vials via vacuum), single head bung applicator for a 20 mm bung , fed by vibratory bowl , Overseal applicator , single head , vibratory bowl feeder , all stainless steel contact parts , rotary outfeed table LACOTE BT 8 , 800 mm \emptyset (stainless steel) .

⇒ **COATING SYSTEMS**

- **Ref. 1886**: **MANESTY ACCELACOTA** Coating system, 1988, capacity 120Kg, drum speed 1 to 10
- **Ref. 1971**: **GLATT GC1500** Coating system, 420liters volume
- **Ref. 1972**: **MANESTY ACCELACOTA 150** Coating system, 1200mm drum \emptyset , 482mm aperture \emptyset , 2.5 to 15tpm drum speed.
- **Ref 2105** : **VECTOR VHC/VPC** speed coating system , with interchangeable 13, 35, 55 litre 316 stainless steel semi perforated pans, spray gun assembly, 304 stainless steel enclosure, 3 HP ventilator fan, XP design with Vector Compu-4 free standing control panel,
- **Réf 2345**: **ACCELACOTA 60** Coating system , 1997

⇒ **CAPSULE FILLERS**

- **Ref. 1154**: **H&K GKF70** Intermittent capsule filler, change parts for sizes 0 & 1 for dosing powders, 4500 capsules/h
- **Ref. 1772**: **TEVOPHARM CAP IV** Semi-automatic capsule filler, max output 4500 capsules/h, many sets of size change parts available
- **Réf. 2022**: **MG2 COMPACT** rotary capsule filler, 2001, in S/S, current tooling: size 0, output : 24 000 capsules/h, guarded , rebuilt .
- **Réf. 2024**: **ZANASI Z5000 R1** automatic capsule filler, 1984, output: 70 000 / h , current tooling : size 1 , stainless steel framework .
- **Ref 2138** : **PMS Mcap-1** Mini capsule filler for R&D , max output : 3000 / h , compacte , auto réjection af unopened capsules , fully automated , size change in less than 50 min ; contact parts of S/S 316 , conform to GMP .
- **Ref 2138B** : **PMS Mcap-II** Mini capsule filler for R&D , max output : 6000 / h , auto réjection of unopened capsules , fully automated , quick and easy capsule size change ; conform to GMP, Format from 00 to 4 .
- **Ref 2309**: **VPT R&D** capsule filler for R&D , max output : 3000 / h , compact , auto rejection af unopened capsules , fully automated , conform to GMP, contact parts of S/S 316, for powder or pellet, capsule size from 00 to 4 .
- **Réf 2147** : **BOSCH GKF 330** Capsule Filler & Closer for powder and liquid filling, output up to 19,800 capsules per hour. Includes a full set of capsule size parts for the most popular sizes, including A, B, C, 00, 0, 1, 2, 3, 4 & 5, as well as 50 different filling plates for different dosing volumes. Original year of manufacture 1978 and regularly maintained in good operational condition.
- **Réf 2168** : **SEJONG SF 70** Capsule filler for powder, all stainless steel construction, output up to 90,000 capsules /hr, including change parts to fill size "0" capsule, tamping system, 3/60/220-380V; Currently set up on 220V.
- **Ref 2228**: **FARMATIC 2000-30** capsule filler of 1982 , max output : 80 000 capsules / h , fitted with format size 4 , with following equipment : 2 vaccum pump Mils ROTOMIL'S V 101, CFM deduster, separator for empty capsules DS71, powder separator
- **Réf 2260**: **BOSCH GKF 800** hard gelatine automatic capsule filling and closing machine, suitable for powders only, including change parts for capsule size 0L. Output up to 48,000 capsules per hour.(amoxicillin)
- **Réf 2341** **IMA MATIC 90** Capsule filler for powder , 1994 , approximately 10 000 hours of work, with format size 2 and 4 . (management of regulation out of service)
- **Ref 2373**: **SEJONG SF 70** Automatic capsule filler, 1994, current equipment: : 0-1 capsule size, output: 70000 capsules/hour (according to product), stainless steel tooling, equipment: capsule feed station, capsule opening station, powder feed station, filling powder into capsule, automatic rejection system, closing station, power discharge, driven by variable speed, vacuum pump, safety guards, stainless steel frame, mounted on casters, machine sizes : 1.20 x 1.20 x 2 m (weight 2000 Kg), installed power: 4 kwb
- **Ref 2387**: **ZANASI AZ5** capsule filler , 1988, output max. 4.200 capsules/h., for capsules size 000 - 5 suitable, with integrated vacuum pump and vacuum cleaner, include formate set for size 0 / 2, 380V/50Hz, s/s style, very good condition
- **Ref 2388**: **ZANASI LZ64** capsule filler , 1982, laboratory version, output max. 4.200 capsules/h., suitable for capsules size 00, 0, 1, 2, 3, 1 format set included for size 0, el. connection 380V/50Hz, very good condition
- **Ref 2389**: **ZANASI RM63** capsule filler , 1975, output max. 6,000-12,000 capsules/h., for capsules size 000 - 5 suitable, with integrated vacuum pump, parts in contact in s/s, powder dosing unit, with change part sets for capsule size 0-5, 380V/50 Hz, good condition
- **Ref 2390**: **BOSCH GKF 400** capsule filler , 1983, overhauled, output max 18 000 capsules/h., tooling for capsules size 0 - 1 - 4 , vaccum pump, s/s hopper for powder with stirrer, 220/380V, 3 Ph, 50 Hz , good condition
- **Ref 2391**: **ZANASI LZ64** capsule filler , laboratory version, painted base, output max. 4.200 capsules/h., format sets included for size 00 - 0 - 1 - 2 - 3- 4, vaccum pump and deduster, 415 V/ 3 Ph / 50 Hz very good condition.

⇒ **LIQUID FILLERS**

- **Ref. 1211**: **CIONI A6/FA** Closed ampoules filler, automatic feeding, for 1 to 10ml ampoules, 10000 ampoules/h output, CE certificate
- **Ref. 1581**: **UNIVERSAL POSIFILL** Pneumatic filler, single head, 400ml to 1liter volumetric filler pump, suitable for flammable liquids

⇒ LIQUID FILLERS (continuation)

- Ref. 1673: **BAUSCH & STROEBEL EDM500** Semi-automatic liquid filler, 2 filling stations, up to 130ml max fill, 3500 /h max output
- Ref. 1728: **BAUSCH & STROEBEL WDS3001** Weight filling machine, Bausch + Ströbel KS1020 capper, 102mm max vial ø, 240mm max height, 1000gm max filling, max output 2300 vials/h
- Ref. 1783: **FARMOMAC F57V** Automatic monoblock liquid filler and capper, 1998, 100 cartridges/min output, 0.3ml to 5ml filling, 14.5x68mm cartridge, 14.2mm cap ø, safety interlock guarding, driving system, automatic feeding
- Ref. 1887: **RONCHI** Mono block filling, stoppering and twist capping machine for a oval shape bottle, 12 heads volumetric pump filler, fitted with 600ml pumps, 6 heads, stopper/dropper inserter with vibratory bowl feeder, 6 head twist capping station, scroll infeed, 1998
- Ref. 1893: **GRONINGER RAM21000/2** High accuracy filling machine for test-tubes and similar in trays, 300 to 1000µl dosing range, tray dimensions 130x55mm, 50 tubes per tray, tube dimensions 10mmx75mm, 420 trays/h max output, 1990, 2400 production hours
- Ref. 1959: **HISPAMEC C4** filler / crimper, year 1995, for 25mm Ø vials, 130 vials/min ;
- Ref. 1896: **ROTA FLR50/15S** Bottle filling and capping machine, for containers with ø up to 52mm, 1 filling station, 1 closing station for screw caps, output up to 3000 bottles/h
- Réf. 2003: **BAUSCH + STRÖBEL AFV 1005** ampoule filling and closing machine for open ampoules, suitable for ampoules with a Ø up to 25mm and a height of up to 150 mm, output up to 3,500 ampoules / h, change parts for 1 ml., 8 ml. and 14ml. ampoules.
- Réf 2072: **BAUSCH & STRÖBEL FFV 60101** filler / stopper , 1987 , 6 head filler with manual shutoff for each filling station , 2 vibratory bowl feeders for plugs , change parts for 2,5 10 and 20 ml , able to go to 125 ml .
- Réf 2049: **BOSCH VSR FO1** inline vial filling and bung inserting machine, 6 head piston filler and single head bung insertion, with partial stoppering, including laminar flow unit, several sets of pistons, and handling parts for vials 23mm, 25.5mm, 26.5mm and 32mm Ø. Manual rotary infeed table and tray loading discharge. Output up to 3600 per hour.
- Ref 2192: **BAUSCH + STRÖBEL FFV 4010** vial filling and closing machine, for rubber bungs, suitable for containers with a Ø up to 36mm and a height up to 80 mm. Dosing capacity 0.1 - 50 ml. (according to the pump set), output up to 12.000 units per hour. Continuous motion, currently set for a 23mm Ø container and fitted with new Siemens S7 PLC. Original year of manufacture 1983
- Ref 2193: **BAUSCH & STRÖBEL KSF 1020** filler, dropper/bung inserter and screw capping machine, 4 filling stations, 0.1 to 1040 ml. (with suitable pumps), 1st closing station for droppers, 2nd closing station for screw caps, 24 pocket start wheel for 32.6mm Ø vials, for containers 16 to 55mm Ø, 35 to 310 mm high, Output up to 3600 containers /h , includes rotary infeed table. 1991.
- Ref 2213 : **BREITNER KVM 343/VC 5022** Liquid filling and closing machine, 1994, 6-stations line filler, with s/s pumps for 8 - 30 ml, 30 - 200 ml and 100 - 600 ml, max. filling 1.200 ml with twin clock, output max. 3.600 bottles/h, drop insert plug-in device, cap screwing device VC 5022 with torque clutch, filling nozzles Ø 4; 6; 10 and 14 mm, sev. cams for diving nozzles, 24 different change parts for bottle transport (round, squared, oval), 10 different change parts for drop insert device, sev. screw heads, control drop insert presence, control cap height, discharging belt for bad bottle ejection, PLC Siemens S7 retrofitted in 2006, drive 400V/50Hz, very good condition
- Ref 2200: **BAUSCH & STRÖBEL FFV 4010** filler / bung inserter, 1992, max output : 12 000/h, vials size : max diameter 36 mm , max height: 80 mm, current format for 3 and 7 ml (diameter 14.25 and 20.54 mm , height 39.5 and 41.3 mm) , KLOCKNER MOELLER PLC
- Réf 2272: **MECALEC** Automatic filler by vacuum for double ended ampoules , 1994, on stainless steel mobil framework, current tooling : 10 ml, output at 10 ml : 15 to 20000 / h , at 1 and 2 ml : 50 to 70 000 / h , vacuum by venture .
- Ref 2320 : **KUGLER K54** piston filler for large containers, single filling station with a maximum single stroke dosing range of 5000ml. Adjustable fill volume with coarse and fine controls. All product handling parts in stainless steel. Variable speed. Year 1990.
- Ref 2354 : **BAUSCH & STROEBEL AFV 1010** ampoule filler and closer for closed ampoules, parts to handle 1ml, 2ml, 5ml, 10ml and 20ml ampoules. with Flexicon peristaltic pump, single filling head. Output up to 3,000 ampoules /h. 1995 only 168 running hours
- Ref 2356: **BAUSCH & STROEBEL EDM 700** semi-automatic liquid filling machine, 2 head, filling range per cycle up to 1000ml, output up to 2,500 containers per hour. Fitted with drip tray with drain in the filling area, foot switch operation
- Ref 2357 : **RIVI ENGINEERING** semi-automatic vacuum liquid filler with closing station for crimped caps

⇒ TUBE AND POT FILLERS

- Ref. 1729: **BAUSCH & STROEBEL RFV2020** Tube filler and closer for small plastic tubes, 2 pistons dosing stations, ultrasonic sealing, magazine loading, current tube size 13,7 Ø x 60mm length, Siemens S7 controller
- Ref 2115 : **TGM E250** Automatic metal tube filler automatic tube loading from hand fed chute, fitted with tube print orientation, sensor to detect the tube is the correct way up, automatic filling (with pneumatic shut off), closing and ejection. 4 sets of jaws for closing metal with an additional set for saddle fold, output up to 2,800 tubes per hour, suitable for tube Øs from 10-42 mm and lengths 50-235 mm (approx. 2-300 ml). 50ltr capacity stainless steel hopper with lid, fitted with safety interlocked guarding. Services: electrical 415V/3ph/50Hz, 1.5 kW; compressed air 150 ltr/min. 6-8bar.
- Ref. 1727: **IWKA TF23** Tube filler and closer for cylindrical aluminium tubes, 40mm max tube ø, 200mm max tube length, 2.5 to 250ccm pump capacities, 80 tubes/min max output
- Ref 2216 : **KALIX DUPUY KX-NL** semi-automatic Tube filler for plastic tube, 1986, volumetric filler for liquid, sticky, viscous and doughy product. Manual feeding of tubes in buckets, s/s nozzle, 70 liters s/s hopper with mixer, closing station: 2 closing crimps with water circulation and 1 coding crimp (currently without stamp), 1 cooling station, 1 cut station for top tube, automatic discharge by chute, mounted on casters, Current equipment: 16 pocket for round tube 21, 24, 37 and 40 mm Ø, 16 pocket for oval tube dimensions 21x19 mm and 40x20 mm, 52 mm Ø piston (filling from 40 to 220 ml), 10 mm Ø nozzle, max output: 2300 tubes/h, Capacity: 2-290 ml per product
- Ref 2386: **IWKA TU200** Tube filling and closing machine, 1986, duplex machine for aluminium tubes, output max. 200 tubes/min, tube-Ø 10-40 depending on change parts, tube length 52-250 mm, dosing 2.5-500 ml depending of dosing pumps, jacketed filling funnel for heating / cooling without stirrer, tube feeding magazin for cassettes (without cassettes), embossing device for max. 10 characters, motor 220/380 V, 50 Hz, formats for tube diam. 28 + 32 mm, size of dosing pump not yet available, good condition
- Réf 2264: **SpeMaBa TUFÜMA 91PE** tube filling & closing machine for plastic tubes (can also be easily changed to metal tubes) with hot air sealing, empty tube cassette feeder, tube centering, product hopper with stirrer, filling range up to 1000ml (previously used for 40ml to 200ml tubes). Format parts available for 30, 40, and 50mm diameter tubes. Output up to 75 tubes per minute. Year 1995.
- Ref 2358 : **WALDNER DOSOMAT 7.2** automatic filling machine (year 2000) suitable for small pots and jars, previously used for cosmetics. Complete with accumulation table, and Kugler K708 automatic aluminium foil sealing and screw capping machine (year 19981).

⇒ **FILLER for Tube of Tablets**

- Ref 2230 : **MARCHESINI T400** rigid tube filler for tablets, set for 25mm Ø tablets, 10 per tube. Output up to 100 tubes /min, 1994.
- Réf 2344: **COMPTOSET 5200** Tube packer , 1987

⇒ **BAGS, SACHETS and STICKS FILLERS**

- Ref 2208 : **MERZ SB 51-2** Stickpack forming, filling, and sealing machine, 1988, previously used to fill sugar, with parts to form a 17mm wide stick (adjustable length 20 to 125mm), two lanes. duplex machine and each side can be run independently. Includes feeders suitable for granules like sugar. Output up to 240 sticks per minute..
- Ref 2210 : **JOSEF BLAZEK ABM DE 16.5** Stick packing machine, 1999, 6-tracks, adjusted for bag width 16,5 mm, bag length 30 - 150 mm, output max. 40 strokes/min = 240 bags/ min according to filling, dosing 6 mini-wormscrews appr. 0,2 - 14 g separately adjustable, print mark control, PLC Siemens S7 with OP 7 retrofitted in 2006, hot printing device, coil width 228 mm, coil-Ø max. 350 mm, other bag width and other dosing possible by new change parts (not enclosed), Cappucino was filled, very good condition
- Ref 2378: **VOLPACK S140D** sachet packer, 1983 , overhauled in 2009, with transfer conveyor to the cartoner

SECONDARY PACKAGING⇒ **CAPPERS**

- Ref. 1730: **INOVA VVM3011** Capper
- Ref. 1814: **FARMOMAC F57** Capper, current format : 45mm vial Ø, 80mm height, 44 mm cap Ø
- Réf 2041: **MAR AC 10 Press on capper** stainless steel construction, one set of change parts for press on cap. Wormscrew infeed and overhead belt presses cap onto container
- Ref. 1384: **STRUNCK VDRAO1** Bung inserter, rubber caps, 20mm capsule, 13mm interior Ø caps
- Réf 2304: **FARMOMAC F550** 4 head screw capping machine , 3,5 m conveyor, stainless steel framework, cap feeder, Any faulty containers are pneumatically discharged from the machine, Lauer Type PCS 900 topline panel at eye level, Max output : 180 / min, 1983
- Réf 2298: **ZALKIN TM 100** Screw capper + screw head for plastic vials
- Réf 2303: **GRAVFIL** 4 head rotary screw capping machine in a fully guarded safety interlocked enclosure. The machine is fitted with a bottle hold down feature to prevent the cap chuck lifting it after tightening. The machine was last used on 25mm dia plastic caps with spline and there are standard collet chucks and special splined inserts included. Caps were being hand fed so it does not have a cap sorter and feeder system. speed with auto cap feed approx 120 per min.
- Ref 2362 : **KING ISEC 150** Press on capper , fully Automatic Vibratory Cap Sorting and Feeding Bowl, Integral Container Conveyor, Container Spacing Wheel, max output (according to the manufacturer) : 150 / min , refurbished
- 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 .

⇒ **LABELLERS**

- Ref. 1385: **HARDLAND SIRIUS** Labeller, 1999, place a leaflet "TOPSERT" on the top of cap of square bottles
- Ref. 1614: **BOSCH STRUNCK EVWL01** Wet-glue labeller, 100mm max bottle Ø, 150mm max bottle height, 3600 labels/h max output
- Ref. 1615: **BOSCH STRUNCK EVWF01** Wet-glue labeller, 100mm max bottle Ø, 150mm max bottle height, 7200 labels/h max output
- Ref. 1665: **DELNA** Labeller, front and back labelling, 2001, 2 DELPOSE heads 160mm
- Ref. 1703: **ZWECKFORM ZEM-LOA1-2010** Self-adhesive labeller, 200 /min, infeed timing scroll, bottle stabiliser, Metronic coder
- Ref. 1898: **PAGO** Self-adhesive labeller, Pagomat 2/080 label dispenser, label : 5 to 150mm width, 10mm length, Metronic hot foil coder
- Réf 2042: **ATM** Vertical wraparound labeller for round bottles up to 1 litre ,Maximum label height 150mm , 2m long slat conveyer , Side belt 16mm high to wrap label around bottle, Mobile on castors , Sensor for detection of label on reel
- Réf 2082: **IMA SENSITIVE 350** Labeller for vials , year 1992
- Ref 2195: **BAUSCH & STRÖBEL ESF 1001** compact labeller for stable containers, bottles etc, with reel-fed self-adhesive label stock. Output up to 6,000 labels per minute. Container size range: Ø: 20 to 120 mm, base dimensions: min. 30 x 30 mm, max. 160 x 200 mm and height: 35 to 320 mm, Label size range: label length: 30 to 150 mm, label height: 15 to 80 mm
- Réf 2150 : **NEWMAN 5FL** high speed self-adhesive labeller, wrap around labelling of bottles/vials, size range from 10 mm Ø up to 50 mm Ø, min label height 12 mm, min label width 25 mm, includes rotary infeed table for magazines/cassettes up to 400x400 mm, includes Allen S-Compact hotfoil coder. Previously used for labelling vials from 22 mm up to 42 mm Ø, output up to 200 labels per minute, Bj. 1989
- Ref 2204: **NERI SL 300** labelling and assembling of pre-filled syringes, 1992, for labelling and finishing of pre-filled disposable glass or plastic syringes (PFS), max. 10.800/h, body-Ø 13 mm, length 100 mm, s/s version AISI 304, PLC Neri Eureka, 380-415V/50Hz/4kW,
- Ref 2205: **NERI SL 300** labelling and assembling of pre-filled syringes , 1992 , for labelling and finishing of pre-filled disposable glass or plastic syringes (PFS), max. 10.800/h, body-Ø 13 mm, length 100 mm, s/s version AISI 304, Allen hot stamping device, PLC Siemens S5-115 U, panel OP 15, 220-380-415V/50-60Hz/4kW, very good condition
- Ref 2206 : **NERI SL 200** labeller for top labelling, 1999, output max. 6,000 strips/hr., label roll-Ø 400 mm, label roll core-Ø 75 mm, label speed 0-50 m/min, label presence control Acuity, PLC Siemens S7-300, panel Siemens OP 17, 220/380V/50Hz, driving power 1,5 kW, air consumption 6 bar, CE-sign, very good condition
- Ref 2366 : **ALTECH ALIN VERSION C** labelling machine for bottles, 2001, all-around labelling machine for round bottles max. Ø 80 mm, output max. 250 bottles/min., label height max. 100 mm, label length max. 250 mm, hot-printing device for charge coding, speed adjustable, PLC Telemecanique Altimar 08, 400V/50Hz/2kW, very good condition
- Réf 2400: **BAUSCH & STRÖBEL ESA 1025** ampoule labeler , 1987 , max output : 420 ampoules / min, ampoule sizes : 1, 2 and 5 ml, printing and code controlling .
- Réf 2058: **HERMA** Self-adhesive labeller with H300 SLK 16 labelling head (1998), Metronic printer and Laetus Argus 6012 code reader.
- Réf 2401: **GRONINGER SMKE 12000** Labelling and plunger insertion machine , 1990, SN 3269, 180 strokes / min
- Ref 2365 : **BAUSCH & STRÖBEL ESF 1020** labelling machine for bottles, 1989, s/s-style, for all-around labelling, runs from left to right, object-Ø 16 - 70 mm, object-height 35 - 320 mm, output max. 15,000 objects/hr., max. label height 80 mm, Pharma code reader Argus Laetus 4, hot printing device Metronic, PLC Klöckner-Moeller EBE, bad bottle discharge, change parts for bottle Ø 16,75 mm, Ø 20,75 mm, Ø 23,0 mm, Ø 29,0 mm, Ø 40,0 mm, Ø 42,5 mm, Ø 49,0 mm, Ø 55,0 mm, drive 220/380 V/50 Hz/3 kW, very good condition

⇒ **BLISTER PACKERS**

- Ref. 1706: **BOSCH SERVAC130** Blister packer, dedicated product feeder
- Réf. 2018B: **UHLMANN 300** blister packer, Universal feeder for tablets; 1990, camera VA 250 (white and black) Max format: 100x150 mm, Max output: 50 cycles/min (depending to forming depth), forming materials: PVC, PVC/PVDC/ PVC/PFC, film width: 170 mm,
- Ref. 1929: **UHLMANN UPS3 MT68/127** Blister packer, 1 unroller for 2 reels, 108x68mm blister size, 3 rows of 5 tablets
- Ref 2090: **NOACK DPN 771** Blister packer, 1982, intermittent motion, automatic feeding - vibratory bowl for feeder chutes, guarded, Previously used to pack travel sickness gums, also available with many size parts for other tablets/capsules, Vacuum blister forming tool is flat, the closer is round and the cutter is also flat, electricity: 380V/3p/50Hz, not including operating manual.
- Réf 2187 : **NOACK DPN 770** blister packer, intermittent motion for tablets, 1985, Max output: 50 cycles/min, manual product feeder, embossing device, blister sizes 107x38 mm and 86x37 mm, max PVC film width : 130 mm , max step : 110 mm , max blister depth : 15 mm
- Réf 2188 : **IWKA BP 100** rotary blister packer, 1990, 100 cycles/min in punching station, 5m/min in forming station, 150mm x 100mm forming area, 12mm max pocket depth, PVC, PVC/PVDC film 160mm wide max, heatsealable aluminium, paper, PVC and laminated foil lidding material. Power consumption 3kw, 75 lit/hr cooling water, 150 lit/min comp. air, dim's (approx) 2155 x1052 x 1475 mm high, 250 kg, one set tooling included. (Format 2 x 5 @ 12.9 mm dia 6.8mm deep).
- Réf 2267: **UHLMANN UPS 300** Blister Packer for tablets, capsules, dragees and ampoules/vials, max draw depth 18.5 mm, draw length 100 mm, material width 150 mm, with HAPA Hapamatic Type 203 foil printer (1989) und Scanware Lynx L5-12 fill control with black/white camera system (1999). Year 1990
- Réf 2406: **CAM PARTENA M82** blister packer, 1992, SN MAT-S06-309 , soft version EC V/0501, 40 strokes / min, pas : 156 mm, 2 bol vibrant aiguilles , depose seringue, contrôle presence produit par camera, with in option a machine to remove syringe of NEST before entry in blister packer

⇒ **CARTONERS**

- Ref. 1049: **CAM AV65** Intermittent cartoner
- Ref. 1052: **IWKA CARTOPAC CPK49** Cartoner, pre-folded leaflet feeder, bar code reader for leaflet and cartons
- Ref. 1744: **CAM HG** Horizontal cartoner, pre-folded leaflets feeder, 2 printers by deformation, plastic vials feeder, 200 strokes/min max output, 200mm max length, 220mm max width, 45mm current ø, 1998
- Ref. 1993: **UHLMANN C2304** High speed cartoner, output 300 cartons/min, continuous motion, 10 blisters/cartons
- Ref. 1928: **MARCHESINI BA300** Horizontal continuous cartoner, reverse tuck closure, blister feeder, 108x68mm current blister, RS 720 ROTANOTICE, external unroller for 2 leaflet reel
- Réf 2065: **BOSCH CUK 1060** cartoner , 1996 , box formates width 34-120, height 15-85, length 75-210 mm, output max. 160 boxes/min, with holt melt device Nordson 3500 for end flaps with hot glue closure, GUK brochure folding and inserting device from roll RS 21/350, embossing device, code reader SysTec TE 2000, PLC Siemens S5 115U, with change parts for 100, 200, 250 and 500 ml,
- Réf. 2010B: **MARCHESINI MA 140** horizontal cartoning machine, GUK leaflet folder from stack, Argus Laetus bar code reader, size range: min. 25 x 15 x 70 mm (LxWxD), max. 100 x 70 x 200 mm (LxWxD), up to 120 cartons per minute, intermittent motion, year 1994, manual bucket infeed for hand feeding. Previously the machine had an automated infeed but this was retained by the seller.
- Réf. 2026: **CAM PR66** horizontal cartoner , totally overladed in 2007 , blister automatic feeding (possibility to stack two blister packs) , pre-folded leaflet insertion , reject station , carton automatic feeding , Ink embossed code printing , bar code reader ...
- Réf 2152 : **NORDEN NORDENMATIC NM 1000 NX** horizontal end load cartoner, with pre-folded leaflet inserter, single side carton flap coder, reverse tuck closure, carton size range min. 70 x 20 x 15 mm (LxBxH), max. 220 x 70 x 75 mm (LxBxH), up to 100 cartons per minute, continuous motion, with outfeed belt. Year 1989.
- Réf 2076 : **MARCHESINI MA150/4** horizontal end load cartoner, with inline bottle infeed scroll and laydown unit, GUK leaflet folder, Argus 3 bar code reader for leaflet and carton, product detector with rejection device, with servo motors for automatic computerised size changing. Carton size range Min. 25*15*70 mm Max. 100*76*200 mm. Suitable for bottle Ø up to 65.5mm (250ml), with a magazine to add a hanging device into the carton. Output up to 300 / min. Previously operated at a modest 60 bottles/ min, 1990.
- Réf 2153 : **CMA MINICOMPACT** vertical cartoner for vials, bottle size range min. Ø 46 mm x 83 mm high, max. Ø 66.5 mm x 143 mm high. Carton size range min. 20 x 10 x 70 mm (AxBxC), max. 120 x 70 x 200 mm, includes pre-folded leaflet inserter, rotary bottle infeed table, automatic loading of the vial into the carton, reverse tuck closure, intermittent motion, max output 35 cartons / min, 1995
- Réf 2245: **UHLMANN C-100** horizontal cartoner for blisters, with swing-out GUK leaflet folder from stack (4 fold), Laetus Argus 4 code reader for leaflet and carton, both sides coding, size range min. 30x15x70 mm, max. 100x85x150 mm, up to 100 cartons/ min, 1990.
- Réf 2302: **IWKA CP 80** cartoner with tube feeder , 1986 , max output : 80 cartons / min, carton magazine, GUK FA 21/4 cartonac 81 leaflet folder and inserter, cartons sizes range : A from 20 to 80 mm , B from 15 to 60 mm , C from 55 to 200 mm, colour emboss coder , laetus argus 6012 with 2 D cosi-Datamatrix heads bar code reader .
- Ref 2141: **ZANASI K150** intermittent cartoner , 1994 , max output : 120 cartons / min , carton sizes : A from 20 to 85 mm , B from 12 to 60 mm , C from 50 to 180 mm
- Ref 2364 : **BOSCH CUT 120** cartoner, 2003, box formates width 20-110, height 15-100, length 50-200 mm, for tuck end flaps, output max. 120 boxes/min, PCE code reader for leaflet top, leaflet bottom, box code, leaflet presence in box, 2 fully automatic level layer, extendet bucket chain, brochure folding and inserting machine GUK type Cartonac 2000 F21/4, hot printing device Allen Compact S, operating system Windows NT4, maintained every 3 months, 380 V/50 Hz, very good condition.
- Ref 2361 : **HÖFLIGER + KARG (BOSCH) CARTONETTA** horizontal end load cartoner with flat sheet leaflet feeder, reverse tuck closure, carton size range min. 15 x 15 x 54 mm, max. 92 x 66 x 180 mm, output up to 75 cartons per minute.

⇒ **END OF LINE**

- Ref. 1060C: **ALLEN 4ACC** Flat carton overprinted S/S
- Ref. 1530C-D: **ALLEN 3 ACC** Flat carton overprinted S/S, coder ALLEN compact 214 model 60/35, mobile
- Ref. 1867: **TEMA 94/54** Packer/Palletizer, 1994, palletization, 4 boxes/min output
- Ref. 1903: **BERGAMI CM40** Automatic wrapper, 60-300x50-150x25-90mm, carton sizes, 6 tooling
- Ref. 1990: **BFB MS500** Collator stretch banding machines for cartons, 300 bundles/min maxt, max carton sizes 330x300x100mm, bundle sizes 300x330x200mm.
- Réf 2174 : **FAB CAR DG 27** overwrapper , 1978 , output : 20 at 30 stokes / min , current format : 220 x 80 x 60 mm , manual

⇒ **END OF LINE (continuation)**

- **Réf 2286: TECNIMODERN** in line 2 bagging machines (FLOW PACK + TEC 30), current format: cans of 1 and 5 litres under PEPAPE and PE film, 2007, 2000 h of working in a clean room, framework in s/s, current output : 120 cans/h, *
- **Réf 2290: KIENER ASK 300** Bundling machine , foil width 300 mm , final pack:width 380 mm ,length 360 mm ,height 290 mm ,packing materials : PE,PP,PVC , 32 packs/ min ,excellent condition, Complete manuales/handbooks , 1991
- **Ref 2131 : BFB 3728** automatic case erector/packer/sealer,1995, 200mm wide x 1000 mm long PVC belt conveyor, collator and stacker, carton magazine (pre-folded cartons), cortons opening, product is loaded into carton by pusher, cartons are sealed on front and back with adhesive tape, 850 mm wide x 700 mm long discharge rollee conveyor, safety guards, current equipment; laid down carton 500 mm x 360 mm x 200 mm, carton with 2x3x2 or 3 x3x3 or 3x3x4 configuration, capacity: laid down carton sizes Length from 220 to 600mm , width from 120 to 400 mm, height from 120 to 350 mm, max output : 8 to 10 cycles / min
- **Ref 2189: SOLLAS TYPE 17S** overwrapper, 1990, formate area l 60 - 300 mm, w 40 - 150 mm, h 10 - 50 mm according to change parts, output 30-70 strokes/min, for all hot sealing foils (PP/PVC/PE/Cellophan), with tear-tape applicator unit, installed change parts for box size (w x l x h) 80 x 50 x 22 mm with 1 fixed product feeding magazin, additional change parts for product height 10, 19 and 21 mm as well as 1 adjustable product magazin, drive 220/380V/50Hz, good condition
- **Ref 2196: CAM (FABCAR) G81** carton collating and overwrapping machine, individual carton size range min. 15x10x50 mm, max. 300x90 x200 mm, collation size range min. 50x30x50 mm, max. 300x150x300 mm, max output: 150 cartons/min or 30 collations/min, 1988 and rebuilt in 1997.
- **Ref 2232 : BFB 3791** overwrapper ,1994, max output : 40 strokes / min, size group : 50 x 23 x 58 mm, range : 220 x 90 x 220 mm, wrapping film : PVC, PE, PP or kraft
- **Ref 2234 : BFB 3771 AM** overwrapper , 2002
- **Ref 2233 : BFB 3791** overwrapper ,1994, max output : 40 strokes / min, size group : 50 x 23 x 58 mm, range : 220 x 90 x 220 mm, wrapping film : PVC, PE, PP or kraft
- **Ref 2235 : BFB 3771 AM** overwrapper , 2001
- **Réf 2289: FABCAR C260 G40.2** overwrapper, 1985, documentation.
- **Réf 2351: CERMEX SD 69.45** case packer, 2003, Max: 17 boxes/min, current product: tube of shampoo (Ø 50 mm-200 ml), current box sizes: l 280 mm, w 75 mm, h 200 mm, Max box sizes: l 300 mm, w 200 mm, h 250 mm (US Box or tray box), glue closure (NORDSON)
- **Réf 2291: MULTIPACK** bundling machine
- **Ref 2374: UHLMANN E3060** Overwrapper, 2001, output : 60 bundles / min, Max carton sizes : 130 x 150 x 250 mm, max bundle sizes : 250 x 150 x 250 mm, infeed capacity : 500 cartons / min , with manual and spare parts.
- **Ref 2392: PESTER PEWO PACK 400SN** Stretchwrapping machine incl. 90°-feeding for bottles, folding carton packaging, cans etc. Incl. shrinktunnel, Typ Pewo-Therm 11,5 KW (Nr. V-1522-5B). Dim. 1300 x 1100 x 1200 mm., mobile, 1986, without manual.

⇒ **CRIMPER**

- **Ref. 1074: BOSCH VRR A01** crimper, 100 vials/min output
- **Ref 2133 : ZALKIN TM100** vial crimping machine, single head, with bowl feeder and parts for vial Øs 16.5mm, 22mm, 26.5mm, 30mm, 32mm and 42.5mm. Includes spare parts. Output up to 3600 vials per hour. Year 1981.
- **Ref. 1382: CAPSULIT** Semi-automatic crimper , one head
- **Ref 2395: IMA ALU 400** Cap spinner to seal aluminium caps , 2002, 8-head closing station, 350 cm long PVC slat conveyor, Bottle diameter : min 14 mm, max 52 mm, Bottle height : min 35 , max 110 mm , cap diameter : min 13 max 40mm, cap height : min 6 mm max 16 mm, capacity : max 24 000 bottles / h, machine is set up to handle vials 10 R (Diam 24 mm x height 45 mm) and alu crimp-on-spray-caps Diam 21 mm , SIEMENS OP 17 operating panel .

COMPLETE LINES

- **Ref. 1939: LIQUID FILLING AND PACKING LINE** includes 2 **FARMOMAC** Filler / capper : **Type F57025** with 4 vibratory bowls and 2 hoppers and **type F57026** with one vibratory bowl; **MARCHESINI BA 100** Cartoner, and **POLYPACK A 2040** Shrink bundler
- **Ref. 1940: BLISTER PACKING LINE** includes **UHLMANN UPS 2MT** Blister packer with blister control VISIOTEC model Pacvision CV, **IWKA CP 80** Cartoner with bar code reader ARGUS 6, **GARVENS SL 2 PM** Checkweigher and **SOLLAS ELS** Shrinkwraper for cartons
- **Ref. 1929B: BLISTER LINE** includes **UHLMANN UPS3 MT 68/127** Blister packer, 7 bars pressure, 1 unroller for 2 reels, cooling group, format for blister: 108x68mm (3 rows of 5 tablets), fully guarded, **MARCHESINI BA 300 CM231/25** Horizontal continuous cartoner, reverse tuck closure, 7 bars pressure, blister feeder, with RS 720 ROTANOTICE and an external unroller for 2 leaflet reel
- **Ref. 1941: LIPSTICK 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
- **Ref. 1987: COMPLETE LINE FOR PERFUSION BOTTLE** includes OSMEKA BPA100 infeed conveyor/table, GILOWY 12-009 A tunnel washer, BOSCH STRUNCK FKR C12 rotary piston filler, BOSCH STRUNCK VVR A12 closing machine for rubber stoppers, BOSCH STRUNCK VVR A04 : Closing machine for crimped aluminium caps, and BOSCH STRUNCK UDD A10 accumulating table
- **Réf 2261: Bosch complete high speed plastic bottle unscrambling, filling, plugging and screw capping line** High speed plastic bottle unscrambling, filling, plugging and screw capping line, previously used in a clean pharmaceutical environment. Comprising **BCM model 1250 011 plastic bottle unscrambler**, 11 channels and vacuum discharge conveyor, **Bosch FRK 6180C filling machine**, 18 heads, SIP/CIP, 500ml pistons, and **Bosch VRM 6060D twin turret 6-head rotary capping machine** for plug and screw cap. Fully integrated and operated from a common control panel. A quantity of essential and consumable spare parts is included. Output up to 250 bottles per minute. Year 1993 and in very good condition.
- **Ref 2122 : Bausch & Ströbel Ampoule Line** Bausch + Ströbel Ampoule Washing AWU 12005 Sterilizing DHT 2550 and Filling Closing Machine AFV 6010 Capacity 18.000 Ampoules /h with one set of change part (2ml) with Laminar flow for Filling Sealing Machine, 2006
- **Ref 2363 : Labelling and blister packing line for ampoules**, comprising Bausch & Stroebel ESA 1025 ampoule labelling machine, and an Uhlmann UPS2 blistering machine with automatic ampoule feeding and loading system. Includes format parts for 1ml and 5ml ampoules.
- **Ref 2319 : Filling and closing line** comprising Groninger DFV 6000 (1988)6-head in-line piston filler equipped with full SIP/CIP facilities, fitted with 6 pistons and previously filling 200ml skincare product at up to 3,600 fills per hour and a Groninger KVG 201 (1998) plugging and screw capping machine, a rotary 2-stage closing machine, the first station for feeding and inserting a plug/dropper, the second for closing using a screw cap. Includes two bowl feeders

COMPLETE LINES

- **Ref 2398: BOSCH VIAL LINE** Year : 2008, never used, still installed, vial size change parts : 10 ml, max output : 200 vial / min, complete with documentation + IQ/OQ. The line comprise : a washer RRN 3043, a tunnel HQL 3360, a filler/capper FLC 3060, a tray station GLT 2010, a crimper VRK 2005.
- **Réf 2067: GRANULATING AND DRYING LINE** with mixer granulator COLLETTE GRAL 600, 1994, total volume 600 litres, batches from 200 to 400 litres of powder, mill KEMUTEC LIMITED BETAGRIND of 2000 , mill speed : 400 to 1000 rpm , a piller lift GLATT of 1994 , hydraulic lifting , a fluid bed granulation GLATT WST-CD 120- BD of 1994 , capacity tank : 500 litres , product filter housing , Ø 1800 mm , 4 filters , inlet and outlet air handling units , filter of inlet air handling unit : EU 4 , EU 8/9 and EU 12 , temperature range : 0 /+ 100 °C , Filter of outlet air handling unit: EU7 and EU 12 , CIP , a pharmlift blender SERVOLIFT SL 406 of 1994
- **Ref 2030 : LIQUID FILLING AND PACKING LINE (syrup)** Automatic powder dosing unit OPTIMA FRA 2 (1990), output up to 80 units/min, format parts for bottles Ø 52x105 and 52x131 mm (40 g + 25 g), Automatic 4- station liquid filling machine FARMOMAC Type F47 (1980), device for closing system for bottles, Output up to 3600 bottles/h, format parts for 50ml, 100 ml, 150 ml and 200 ml bottles, Automatic labelling machine HERMA Type 300 (152TS) (1994),for round bottles, with code reading system Laetus, Type Argus 3, hot air stamping system , Checkweigher GARVENS Type SL2 PM (1993), Max. 500 g. pneumatical ejection , Cartoning machine with automatical bottle feeding system UHLMANN Type C100 (1992),Output max. 100 cartons/ min, automatic feeding system for "spoon", GUK-leaflet folder, coding unit, code inspection system Laetus Typ Argus 3, Propack Datasystem MT630 , Automatic End of line equipment KIENER Type CP145.005.91 (1991)
- **Ref 2337: ROMACO BOSSPACK high speed packagins line for tablets, dragees and capsules** max output : 110 / min, the line filled soft gelatine capsule of Diam 10 x Length 24 mm in container of Diam 45 mm x height 100 mm . The line comprising : a ROMACO BOSSPACK MS 150 container unscrambler for plastic containers with hopper and elevator, 2003, max output : 150 / min, a ROMACO BOSSPACK RT 200 rotary multihead high speed counter / filler, 2002, 12 heads, max output : 150 / min, with following formats: tablets diam 8 and 10 mm , capsules diam 7 x 15.8 or 26.4 mm, diam 4 x 11.9 , diam 9 x 19.5 and diam 15 x 29.5, a ROMACO BOSSPACK MC 8000 Multi head screw capper for plastic screw caps, 2003, max output : 150/min, a ROMACO BOSSPACK MC 7000 cap re-torquer, 2003, max output : 130 / min, a ROMACO Exel star self-adhesive labeller, max output : 110/ min .
- **Réf 2037: AUTOMATIC PACKING LINE FOR BLISTERS** comprising a **COMPACKER 5 blister packer (1984)**, Intermittent movement blister packer with change parts for feeding both capsules and tablets including a S/S hopper, a variety of dedicated chutes for capsule feeding (recently feeding Size 1 and 0 capsules) and a Universal brush box, Polyphem 1030 black and white camera for product detection, Print registration, Batch and date coding, Safety interlock guarding, Reel holder, S/S steps for loading hopper, Vacuum pump and filter, Conveyer with two reject stations and 90 ° bend leading to **MARCHESINI MA 150 cartoner (1995)** Horizontal continuous movement, s/s construction, balcony construction ; Automatic blister feeder and also magazine for manually feeding blisters; Adjustable buckets; Leaflet folder inserter; Argus 4 bar code reader for leaflet and carton; Reverse tuck closure; LED display; PLC control; speed : 100/min Leading to **COLLISCHAN ACC3 check weigher (1990)** And **SOLLAS type 17 overwrapper (1981)** , straight in infeed and 90 ° pusher, groups the cartons and also stacks them , S/S contact parts, painted base, Outfeed roller conveyer , output up to 28 packs /min
- **Réf 2160 : 12 head LIQUID FILLING LINE** Comprising **AVE INDUSTRIES RAI SX INOX 24** bottle rinsing and blowing machine, s/s construction with s/s framed interlocked guarding, rated IP55. Max output 7,200 BPM fitted with a scroll infeed , **KALISH FILLTRONIC** 12 head liquid filler, All s/s construction gear pump liquid filler; previously filling an oral suspension of 200ml at 100 bottles /min, 12 positive displacement pumps (Steripumps), Fill volumes from 25 ml to 1000 ml; s/s framed interlocked guarding. **DICO** 4 head multi rotary screw capper, Output up to 120 BPM fitted with a 83 mm slat conveyer, scroll infeed, Siemens PLC; left to right operation. Dico Cap Elevator feeding the cap sorter, s/s construction, hopper capacity 0.28 m3. 1992. **HARLANDS MERCURY** S/S self-adhesive wrap around labeller. with a rotary drum pitch control to infeed. 100mm s/s framed slat conveyer fitted with adjustable overhead stabiliser. s/s framed interlocked safety guarding, Open Date hot foil coder and Pharma code reader. **CAM AVC 10 VERTICAL** Continuous motion vertical cartoner with V284 automatic bottle feeder, reverse tuck, complete rotary bottom emboss coder for both top and bottom flaps, pre-folded leaflet inserter. Laetus 6012 Pharmacode reader, interlocked guarding. with continuous motion product pick-up system and device to detect product introduction into carton. Output up to 120 cartons / min
- **Réf 2306: TL Industries (Bosch) Aseptic Vial Filling Line** for 10 ml - 30 ml vials at up to 350 vials/min comprising: a **GMP (Genesis Machinery Products)** vial washer, model SVW-3-30, 30 lane, 52" wide belt , a **Despatch Industries depyrogenation oven**, model 158289, 48" wide belt, a **Sterile transfer conveyer mounted in Baker barrier isolator**, a **TL Systems aseptic vial filling line**, with 16 head walking beam filling station, check weigh system, ferris wheel style stopper inserter designed to use pre-washed and sterilized stoppers supplied by cleated elevator, dual 8 bank TL Systems mobile pumping station. Filling line mounted in Baker Co. barrier isolator with CIP spray balls, a Vacuum transfer station in isolator. The system is complete with interconnecting Baker Co. barrier isolators, controls, change parts and misc. spares. Line was installed new in 1997, validated, and never used
- **Réf 2399: AMPOULES PACKING LINE** 1987, ampoule sizes : 1, 2 and 5 ml , comprising : a UHLMANN UPS4ET blister packer , Max output 30 cycles / min (375 ampoules of 1-2 ml / min) , a UHLMANN C100 cartoner , max output : 100 cycles / min (350 ampoules / min with 5 blisters of ampoules 1-2 ml) and a OLIPAC210 semi-automatic case packer .
- **Réf 2402: SYRINGE ASSEMBLY AND PACKAGING LINE** Comprising : a machine to remove syringe of NEST before entry in labeller, a Groninger SMKE 1200 Labelling and plunger insertion machine, 1990, SN 3269, 180 strokes / min, a SYBERMAT machine for clips assembly, a machine to put syringes in NEST for transfert to Blister packer , a machine to remove syringe of NEST before entry in blister packer a CAM Partena M82 blister packer, 1992, SN MAT-S06-309 , soft version EC V/0501, 40 strokes / min , , a CAM HS 27 cartoner, 1992, SNC13241.HS.27, a Tecno Europa Check weigher, 0,4 to 34 Kg , SN 5864,
- **Réf 2404: LIQUID PACKING LINE FOR VIALS** Comprising a BAUSCH & STRÖBEL WDM 16002 liquid filler, 1992, 8600 vials/h , vials diameter from 25 to 55 mm, height from 55 to 120 mm, 16 stations, dosing range : 3 to 1000 g, current format for vials: Diam 55.5 x H 98 mm, Diam 50.5 x H 96 mm, Diam 48 x H 85 mm, and a RVS 8000 Screw capper , 16 000 vials / h, vials diameter from 15 to 80 mm, height from 35 to 250 mm .

OTHER MACHINES⇒ **POWDER MIXERS, GRANULATORS**

- **Ref 2092: KALISH 25L**all S/S mixer granulator with a 25 litre capacity bowl, equipped with a rotor and a lateral chopper.
- **Ref. 1994: STOKES** mixer / granulator

⇒ **POWDER MIXERS, GRANULATORS (continuation)**

- Réf 2161 : **TK FIELDER PMA 25 26** 25 litre Stainless steel high shear mixer granulator, Mixing bowl 15 litre working capacity, Average granulated batch weight 8 kg, Impeller driven by 4/5.5 kw 415 volt 3/50Hz 1460/2880 rpm motor and gearbox at approximately 243/486 rpm. Chopper direct driven by 1.3/1.8 kw 415 volt 3p/50 Hz 1420/2760 rpm motor. Mounted on frame with control panel.
- Ref 2332 : **COLLETTE GRAL 25** mélangeur granulateur
- Ref 2095: **TKFIELDER PMA.400-26** stainless steel high speed mixer granulator with total capacity 400 ltr, working capacity 320 ltr, average granulated batch weight - 180kg .two speed impeller 98/138 rpm driven by 22/30Kw motor, two speed chopper 1500/3000 rpm driven by a 5.5kW motor.
- Ref 2096: **ZANCHETTA ROTO 400P** stainless steel high speed mixer granulator with vacuum : total capacity 400 ltr, working capacity 320 ltr, average granulated batch weight - 180kg .two speed impeller, two speed chopper, double jacket
- Ref 2094: **FUJI FM VG 400** all S/S mixer granulator with total capacity 400 litres, working capacity 240 litres, two speed rotor driven by a 22KW motor, single speed chopper driven by a 5.5kW motor.
- Ref 2331 : **ZANCHETTA ROTO P50** Mixer granulateur, 1994, total capacity : 50 litres, with preparation tank of 145 l (2002), agitator on bottom of vessel, cooling group.
- Ref 2333 : **NIRO E 140** Extruder
- Réf 2162 : **TK FIELDER PMA 25 26** 25 litre Stainless steel high shear mixer granulator, Mixing bowl 15 litre working capacity, Average granulated batch weight 8 kg, Variable speed agitator driven by a 7.5kw, 1445rpm, 415v, 50hz, 3ph electric motor. Two speed chopper driven by a 1.8/1.3kw, 2850/1420rpm, 415v , 50 Hz, 3ph electric motor. Includes control panel and cabling.

⇒ **GRANULATORS**

- Réf 2032: **GLATT GPCG-5** Spray granulator, 1983, stainless steel, 3 different product bowls, 7" wurster coater, 22 L top spray, Roto bowl, air handler/pre filtered heater, HEPA filtration, explosion proof, fast acting relief valves, rear vented, dust collector,
- Ref 2376: **CMA CAL 342** Granulator , 2000

⇒ **DRYER**

- Ref 2382: **AEROMATIC STES5** Dryer for test

⇒ **POWDER MIXERS**

- Ref 2118: **MATCON-BULS** MULTI CONTAINER BLENDER 0.75 kW drive motor, 240V/1ph/50Hz. 2 x 50 ltr., 1 x 24 ltr and 2 x 7ltr. Containers, Enclosed in self-contained guard. As good as new.
- Ref. 1945: **PRATT GT** Mixer, stainless steel vessel and agitator
- Ref 2353 : **PATTERSON-KELLEY** twin-shell intensifier blender, V-Mixer, 30 litre total capacity, mobile, all-round guarding, includes intensifier bar (high speed mixer) with 1.5kW motor, unused.
- Ref 2381: **BSI** Mixer for container

⇒ **POWDER MIXERS, DRYERS, GRANULATORS**

- Ref. 1477: **TK FIELDER SPECTRUM 65** Mixer/granulator/vacuum/microwave dryer, 65liters, 0-400 variable speed impeller, 1000-3000rpm variable speed chopper, 5liters liquid pressure pot and cover mounted spray lance, flame proof, double jacket, 1996
- Ref 2396: **GLATT GPCG-60** Granulator and fluid bed dryer , 1993 (never used), 32" HS Wurster, 18" HS Wurster, 100 L granulation bowl, special Low RH dew point control system, 2 quick acting explosion protection valves

⇒ **CREAM MIXERS**

- Ref. 1109: **OLSA** Mixer 85l total volume, 50l working volume, central agitator with scraper blades 32-150rpm, CIP
- Ref. 1572: **OLSA MACES 150PHB** S/S vacuum process vessel, 150l , domed lid with clamps, full vacuum, steam jacket, 1.5 bar working pressure, variable speed paddle agitator, under driven homogenizer, flush fitting centre bottom outlet, vacuum pump, 1995
- Réf. 1997: **BROGTEC (BROGLI) MULTI-HOMO MH125 EX** vacuum mixer homogeniser, Ex-proof execution, PC controlled with remote operator panel, 50 recipes, 125 litre maximum batch size, vacuum pump, electric heating/cooling unit, variable speed anchor/spiral stirrer and homogeniser, CIP, PH probe plus many extras and spares.Year 2003 and like new.
- Ref 2106 : **HAAGAN AND RINAU UNIMIX 200** 200 litre pressure vacuum process vessel for creams, 200 L working volume, cream painted jacket, tiltable. Bottom entry homogenizer, three blade central mixer, 380V/3p/50Hz
- Réf 2247: **HAAGEN & RINAU SR 500** 500 litre pressure vacuum process vessel for creams, 613 L total, pression : 2 bar at 133 °C, s/s double jacket: pression 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
- Réf 2246: **GIUSTI** 500 litre pressure vacuum process vessel for creams, 543 L total volume, anchor agitator, possibility to install a homogenizer (not included), stainless steel double jacket heated by steam, good condition , 1991
- Réf 2158 : **BPT SKERMAN PD 5500/2** 30 litre jacketed vacuum solution mixer, never used, Teflon covered interior, centre bottom exit with valve, Scrape surface top entry Teflon covered agitator,Two Teflon covered baffles, Jacketed for steam, Jacket Pressure: 6 Bar, Vessel Pressure: 11 Bar, Jacket Temperature: - 30 to + 120 °C, Vessel Temperature: - 30 to + 120 °C,
- Réf 2248: **PRESSINDUSTRIA TE 3-VC-640-LV** 500 litre pressure vacuum process vessel for creams, 640 L total volume, hemispherical bottom, domed and bolted lid, stainless steel double jacket heated by steam, on the top of vessel : 4 pipes, 1 opening, one access door with tilting and bolted lid and access door, on ferrule : 2 pipes, on bottom: 2 pipes and a center discharge with valve, a hydraulic group to go up or to go down the lid, slow agitation with anchor with Teflon scraper drove by motor with variable speed device 5CV , 220/380V/50 Hz, gearbox, variable speed of anchor, quick agitation: homogenizer, 380V/50Hz, with control panel .
- Ref 2326 : **FRYMA VME 120** Cream manufacturing plant, 1982, batch capacity: 120 litres, mini batch size: 50 litres, total volume: 193 litres, double jacketed s/s mixing vessel, jacked heated by steam or water at max pressure of 3 bar and max temperature of 150 °C
- Réf 2295: **ETIL (ETS DE TRAVAUX INDUSTRIELS POUR LABO)** vaccum mixer, 1996, double jacket, working pressure: 2 Bars, Max pressure : 6 bars

⇒ **TABLET COUNTERS**

- **Réf 2038: SWIFTPACK A8P3PTS** automatic vibratory tablet counters (all Yr 1996), Four 8 lane tablet counters in series each one with one dosing funnel (total of 4 dosing funnels) 220V/3p /50Hz ,Twin lane slat conveyer with gating systems for each of the four funnels
- **Réf 2167B : KING TB4** S/S, fully automatic tablet counting line for tablets and capsules Ø 5.0 - 15.0 mm, output 1 - 10,000 pcs /hr, max. 40 bottles /min, complete with slat conveyer and gating system, 220 V/50 Hz, very good condition
- **Ref 2109 : VASQUALI VBB** Automatic disk tablet counter, one disk for counts of 60 tablets of 9mm Ø, Infeed and outfeed conveyer, Starwheel presents the containers to the twin dosing funnels automatically, Fully guarded, Output 60 strokes /min, Manuals and drawing available, 380V/3p/50Hz, PLC Omron, Very good for round tablets.
- **Réf 2252: KING TB5-UBCD** counting and filling machine for tablets, capsules and dragees, mid 1980's, rotary table (Ø 900 mm), adjustable height of counting and filling station, max output: 240 000 tablets/h at 5 mm tablet Ø, max tablet Ø: 20 mm, max of 999 tablets per container .
- **Réf 2253: KING TC 12** 12 lane vibratory linear counting and filling machine, 1996, in s/s, rotary table (Ø 900 mm), plastic slat conveyer (10 cm wide x 250 cm long), adjustable height of counting and filling station, 2 product discharge funnel, pre-programmable computer terminal and small electrical panel, containers from 20 to 85 mm diameter and maximum height of 200 mm, for tablets from 4 to 25 mm diameter and capsules size from 00 to 5. Max output (tablet diameter 5 mm) : 120 containers / min at 25 tablets / container
- **Ref 2194: KING TB4** automatic tablet counter, suitable for all types of tablets and capsules. Output is dependent on tablet size and shape, from 800 to 2600 units per minute. Only one operator is required. Three machines are available.

⇒ **INSPECTION MACHINE**

- **Ref. 1123: BREVETTI CEA5A/58** Automatic ampoule inspection machine backlit optical design, inclined plane, viewing station for close up inspection
- **Ref. 1721: EISAI AIM581SD** Electronic inspection machine, 1991, 29mm vials ø, 3600 vials/h output
- **Réf 2254: BREVETTI ATM 18S** automatic inspection machine for ampoules and vials, 1998, Change parts for ampoules : Ø10.75mm x 47mm(1 ml). Ø10.75mm x 57mm(2ml), Ø14.75mm x 68mm(5ml), Ø17.75mm x 87mm(10ml), output: 33 up to 150 pcs/min, Rotation speed: 300 up to 3000rpm , Inspection stations : 3 cameras, 2 for particle inspection and 1 for level inspection, Loading : From cardboard boxes 385mm x 150mm x 64mm or 385mm x 150mm x 75mm or 385mm x 150mm x 85mm (WxDxH), Rejected : On standard CEA stainless steel boxes , Electric supply : 220V±10% 50Hz 1Ph, 2.5 kW, complete documentation,
- **Ref. 1642: BOSCH KVSA01** Semi-automatic inspection machine for infusion bottles, infeed conveyor and rotary table
- **Ref. 1695: BREVETTI ATM60** Inspection machine for 50 and 100ml infusion bottles, 7200 bottles/h max output
- **Ref. 1717: NIKKA DENSOK HDA11** Inspection machine for 5 and 10ml ampoules, 7200 ampoules inspected/h
- **Réf 2305: BREVETTI ATM 32M/S** Ampoule and cartridge inspection machine, 2002, for automatic optical inspection of particles, fill level and aluminium cap of ampoules and cartridges with liquids, output max. 200 objects/min according to product, object-Ø max. 36 mm, production control by PC with operating system Windows NT 4.0 workstation, 15 inch TFT monitor and keyboard, machine control by PLC Siemens S7, printer, with change parts for ampoules 1; 2; 5 ml and cartridges 1,8 ml, feeding and discharge by cartridges, drive 380 V/50/60 Hz/3 kW, CE-sign, with transition conveying belt Dietz Rollwa, make 2009, very good condition
- **Ref 2368 : NIKKA DENSOK HDB-II-AS+D.L.** leak detection machine for ampoules, 1986, leak detection by high frequency/high voltage for liquids > 1,5 Mikrosiemens, output max. 24,000 objects/hr. for object-Ø 10-15 mm, max. 15,000 objects/hr. for object-Ø 16-22 mm, max. 12,000 objects/hr. for object-Ø 23-26 mm, change parts for 1; 2 and 5 ml ampoules, runs in line with BREVETTI ATM 32M/S Ref 2305, drive 380 V/50 Hz, 2 kW, machine was technically checked and qualified in November 2008, very good condition
- **Réf 2403: SEIDENADER V90** semi-automatic inspection machine, 2007, current format for syringe diameter 10.85 mm.

⇒ **STERILIZATION**

- **Réf. 1998: GETINGE GEV 1250X1250X1250-2** steam autoclave, chamber dimensions 1250 x 1250 x 1250 mm (WxDxH), internal Ø of cylindrical chamber Ø 1890mm x length ca. 1403 mm, cylindrical chamber volume 4000litre, chamber working pressure -1/+3 bar, chamber working temperature 143°C, year 1987
- **Ref. 1878: GETINGE GEV AR-2** Steam autoclave, chamber : 1070x1600x1250mm, 2130l volume, -1/+3bars pressure, 143°C temperature, jacket : 300l capacity, 3bar pressure
- **Réf 2296: LYTZEN J1** Chamber oven, 1990, Inside dimensions: w 1500 x depth 1200 x H 1500 mm, outside : 1990 x 1400 x 2340 mm, max temperature : 220 °C, filtration H13 type CAMFIL FR5I 200 2SIHT .
- **Réf 2294: DESPATCH** depyrogenation tunnel, year: 1998, serial: 160214, dimensions 72" W x 20'9"L x 111"H, normal operating temp 340 °C, Max temperature 370 °C, control voltage 480V-3PH-60HZ, vial sizes: 2 ml to 100 ml, max bottle height 6.5" to clear profile plates, tunnel opening 48" W, conveyor 102" L for hot zone and 110" L for cool zone. Never completely installed and never run.
- **Ref 2310 : BAUSCH & STROEBEL DST 2247** electrically heated sterilising tunnel, previously used for closed ampoules. Comprises 4 stages: pre-heating, drying, sterilising and cooling. Total length 3480mm
- **Ref 2313 :SBM Schoeller Bleckmann Medizintechnik Vakutherm ADV 13-9-15/2** two door autoclave for the sterilising of machine parts (change parts etc). Chamber suitable for 0/4.3 bar, jacket working pressure 1.0/4.3 bar, working temperature up to 140 °C, steam heated
- **Réf 2339: FEDEGARI FOM/2-S1 TH3** Autoclave with one door, 1998, Stainless steel construction, chamber size : 890 x 660 x 1.000 mm , Capacity: 580 litres, Working temperature : 138,9 ° C, sold with one trolley
- **Réf 2346: LEQUEUX 933112** Autoclave, 1993, 65 Liters
- **Réf 2349: LEQUEUX** Vertical autoclave , 1996, 510 Liters, 2.5 Bars, with tilting lid (diam 850 mm)
- **Ref 2370: FEDEGARI SUPERSPECTRA TS 316l s/s** autoclave for sterilizing in humid area for bottles, ampoules and utensils with steam generator, 1993, double skin horizontal tank, 2 doors, sliding door, safety valve, heating by steam, thermometer with display, manometer for pressure into chamber from 0 to 5 bar and into double skin from 0 to 7 bar, separate control cabinet: adjustable electronic temperature, paper tape, programmer, vacuum pump, 1 trolley (1 perforated plate: 990x640 mm), 1 trolley (3 areas with 5 shelves: 590x290 mm), max. temperature: 138°C, max. steam pressure: 3,5 bar, max. air compressed: 6 bar, vacuum pump power: 3 kw at 1420 rpm

⇒ **WASHING MACHINE**

- **Ref. 1668: BOSCH RRU2020** Washer, ultrasonic cleaning, 6 stations for inner cleaning and 2 stations for outer cleaning, 1995

⇒ **WASHING MACHINE (continuation)**

- Réf. 2000: **NETZSCH H02-2T** washing & drying chamber, total volume 306 litre, size of chamber 610 x 670 x 750 mm, year 1994
- Ref. 1693: **BOSCH CRT B01/TSM1400L** Washer for ampoules, 140 cages or magazines/h max output
- Ref. 1985: **LANCER 1600** Washer, washing tank sizes : 680x700x900mm
- Réf 2350: **BOSCH RRN 3040** washing machine for vials, 1989, max output : 200 strokes / min, vials format : 8, 15 and 20 ml .
- Réf 2308: **STERILINE SW 3A 1C** Washer , 1996 for R&D / Small output use only, with PLC and HMI and equiped to handle vials 2 ml 5 ml 10 ml 20 ml @3000 per hour, 30ml 50 ml 100ml 200ml @1000 per hour 200ml 250ml 500ml @ 900 per hour,also 125ml and 250 ml plasma containers, All parts that come into contact are constructed of AISI 316L stainless steel. Other parts in AISI 304 stainless steel. Process cycle choices include ultrasound, recycled water, fresh water, compressed air, silicone, hot air drying,
- Ref 2116: **GILOWY 10-008** washing machine, year 1981 , current format 22 dia x 36.5mm high, 52 dia x 95mm high, 78 dia x 208mm high and 68 dia x 222mm high. Max output : 4000 / h
- Ref 2311 :**NETZSCH NEWAMATIC IN1-I/S** cleaning and sterilising oven, suitable for machine parts, containers, glassware etc., washing chamber 800 x 800 x 700 mm (LxBxH), cleaning cycle time approx 20 min. Year 1995
- Ref 2312 :**NETZSCH NEWAMATIC T-600-1ST** cleaning, disinfection and drying system for syringes etc in cassettes, up to 48 cassettes per hour with dimensions 465 x 384 x 146 mm (LxBxH)

⇒ **TANK / VESSEL**

- Ref 2335: **Cuves** several model, several capacity, contact us
- Ref 2218 : **1000 L vessel** stainless steel aeration vessel, 1000mm dia. x 800mm straight side with 600 mm deep conical bottom. 600mm dia. opening, cone fitted with aeration lining.

⇒ **OTHERS**

- Ref. 1880: **GARVENS SL2/P** Inline checkweigher with reject device and reject container, 300gm max weight
- Réf. 2008: **PRISMA 09C3** inline checkweigher for shipping/display cartons and similar articles, weight range up to 26.88kg. Year 1998
- Ref 2394: **ANRITSU KW534A** Checkweigher, 1997, weight : 10 g to 1200 g , accuracy : 0.1 g, max output : 120 / min .
- Réf. 2009: **COLLISCHAN 241C** checkweigher with air blast rejection, weighing range 3gm to 300gm, belt width 135mm, infeed and outfeed belt length 260mm, weigh cell length 210mm, direction left to right, year 1989.
- Réf 2405: **THERMO RAMSEY (TECNO EUROPA) RX M** Checkweigher , 2003 , from 0.4 to 34 Kg , SN 5864
- Ref. 1257B: **MANESTY TD25** Industrial vacuum cleaner in stainless steel
- Ref 2243: **IMA FARMOMAC (BEMAK) IM24** tray loader for vials , for traying-off finished vials from a filling line, Max output 800 vials / min, 2 trays size 453 mm long x 395 mm wide, previous user tray-loaded vials between 20 and 100 ml capacity, 1988
- Ref. 1740: **BERNAY AUTOMATION** Spoon feeder, 150 strokes/min max output
- Ref 2330 : **BERNAY** dropper feeder , 1999, with vibrating bowl and rail, with deposit system and lifting hopper .
- Ref. 1758: **GARVEY** Accumulation rectangular table for vials or similar, sizes : 2,80x1.60m
- Ref. 1933: **RUSSEL** Lifting hopper for caps, 2000, stainless steel
- Ref. 1934 : **RUSSEL** Lifting hopper for tubes, 2000, stainless steel, with conveyor to feed the hopper
- Ref. 1799: **RONCHI ROTAMATIC 180** Automatic vials distributor, 1995, 200 vials/min output, 2 sets of tools, feeding hopper
- Ref 2314 :**PHARMATEC 120/ S3-S** water distillation plant, capacity from 153 to 264 litres per hour. 3 column, steam heated (300kg per hour clean steam). Suitable for the production of WFI. Year 2000, excellent condition.
- Réf 2066: **THS** Conveyor belt integrated with Metal Detector, Full compliance with HACCP criteria, structure and components in AISI316L s/s and food-compatible plastic parts, digitally-adjustable belt speed, high level of electronic and mechanical reliability
- Ref 2379: **LOCK MET 30+** metal detector for tablets (2 available , 2001 and 2006)
- Ref 2380: **LOCK MET 30+** metal detector for container, 2007, with 3m long conveyor
- Ref 2087: **GLATT COMIL L1500/196S** column for calibration of powder , 1998 , GLATT column , COMIL Calibrator
- 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 .
- Réf 2186 : **WESTAFALIA type CA 150-01-00** biphasic decanter, to separate the solids and the liquids, classification of the solids according to the size of the particles, clarification of the liquids, stainless steel bowl, diam 150 mm, explosion-proof motor .
- Réf 2287: **LEQUEUX KL 51 100** Autoclave , one door, PACS 2000 automat, 1996, 2 trolleys, total volume: 256 litres, working temperature: 121 °C, Max temperature : 138°C, hardly used, good condition, regular maintenance at Getinge.
- Réf 2293B: **EDWARDS LYOMAX 33** lyophilisateur, 1995, étagère et porte inox 316L, 1 porte, enveloppe réfrigérée, étagères: nombre 12+1, surface totale 33.45 m², système de bouchage (stoppering) , fluide réfrigérant HP62,
- Ref 2334 : **RAYNERI** Agitator
- Réf 2407: **SYBERMAT** Comprising : a machine to remove syringe of NEST before entry in labeler, a machine to put syringes in NEST for transfert to Blister packer , a machine to remove syringe of NEST before entry in blister packer
- Réf 2408 : **SYBERMAT** machine for seringue clips assembly, Space floor : 0.90 x 1.30 x 2.60 m (h) with vibrating bowl (diameter 1.25 m)

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