

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. 1775: MANESTY B3B** Rotary tablet press, 23 stations, 11.1mm max. tablet \varnothing , 17.4mm max depth, max output 60000 tablets/h
- **Ref. 1869B: MANESTY B3B** Tablet Press, 16 stations, Euro-B, 16mm max tablet \varnothing , 18mm max depth, max output 42000 tablets/h
- **Ref. 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.
- **Ref. 2014: NOVAPRESS 45 B** rotary tablet press (two off) ; 45 stations, B tooling - need servicing
- **Ref 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.
- **Ref 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.
- **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
- **Ref 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
- **Ref 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 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 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
- **Ref 2418: FETTE PERFECTA P3000** 55 station high speed rotary tablet press, output up to 495,000 tablets per hour, suitable for BB tooling. Slotted turret, maximum tablet diameter 13mm, maximum depth of fill 18mm. 15kN pre-compression and 100kN main compression. Turret speed 15-75 rpm.
- **Ref 2447: IMA SYNTHESIS 700** Tablet press, 2004 unused, 63 stations, tooling EU B / TSM-B, Max tablet diameter: 16 mm, Max output: 753 000 / h, Max die filling: 100 mm, simple and fast product set-up, robust construction, interchangeable turret (quick removal in few seconds) rapid cleaning, extended cam life, extended tooling life, excellent accessibility, suitable for bi-layer and core tablets, includes manual.
- **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 tableting 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 2552: KORSCH EK II-G** Eccentric tablet press, 1994, tablet- \varnothing /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, 4 speed 13/26/38/50 stroke/min., pneumatic clutch and brake, hydraulic overload safety device, hydraulic pressure gauge, press tool (duplex) for 17 x 7 mm oblongs, upper break notch, el. connection 400V/50Hz/1,5kW, approx. 2.300 working hours, very good condition
- **Ref 2533: FETTE P3** 27 station double sided rotary tablet press, maximum tablet diameter 30mm, max output 68,040 tablets /h. 1991
- **Ref 2594: NORN NOACK GRP 42 E** Tablet press for EUR-B (without tooling), Year 1993, The turret head will be renewed, Machine dimensions (L x B x H): 1,1 x 1,5 x 2 m, Max tablet diameter : 18 mm, Max main pressure force : 80 kN, Max prepressing force : 20 kN, max filling depth : 18 mm, Max tablet thickness : 9 mm, rotor rotation speed : 5 - 100 rpm, output from 12 600 to 252 000 tablet / h, matrix diameter : 30,16 mm, matrix height : 22,22 mm, diameter of punch shaft : 19 mm, voltage : 380 V, Connection : 15 kW
- **Ref 2595: MANESTY NOVAPRESS** rotary tablet press, 45 station, fitted with compaction monitoring, B type Euro punches, pre-compression, chrome die plated, keyed turret, max output : 270 000 tablets / h, max tablet diameter : 15.8 mm, max filling depth : 17.4 mm, max pressure : 8 ton, complete with hopper, both rotary feeders and all round safety interlocked guards, 1983

⇒ DOSING MACHINE FOR POWDER

- **Ref 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 \varnothing (stainless steel) .

⇒ **DOSING MACHINE FOR POWDER (continuation)**

- **Ref 2568 : MOM ALPHA 78** Semi-automatic powder filler, 2005, currently fitted auger of 19 mm diameter and height 110 mm, manual positioning of container, fitted with a PIAB powder transfer (from tank to hopper), a balance, a deduster, framework in polish stainless steel, part in contact in 316L stainless steel, adjustable height to accept different container.

⇒ **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 ø, 482mm aperture ø, 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,
- **Ref 2345: ACCELACOTA 60** Coating system , 1997
- **Ref 2455: KOSEMPEL** 3 x 65" stainless steel coating pans (2 KOSEMPEL), capacity : 250 Kg

⇒ **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
- **Ref. 2022: MG2 COMPACT** rotary capsule filler, 2001, in S/S, current tooling: size 0, output: 24 000 capsules/h, guarded, rebuilt.
- **Ref. 2024: ZANASI Z5000 R1** automatic capsule filler, 1984, output: 70 000 / h, current tooling: size 1, stainless steel framework.
- **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 .
- **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 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.
- **Ref 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 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 kw
- **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 format set for size 0 / 2, 380V/50Hz, s/s style, 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, change part sets for capsule size 0-5, 380V/50 Hz, good condition
- **Ref 2417: ZANASI AZ30R** capsule filling and closing machine, suitable for two-part hard gelatine capsules. Output up to 30,000 capsules per hour. With change parts for size 0 and size 2 capsules, filling using dosators and tamping system. Suitable for powder or granular materials.
- **Ref 2551: BOSCH GKF 400** automatic capsule filler, 1987, 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, set for capsule sizes 0 and 1, max output : 24 000 capsules / h, machine sizes : 960 x 800 x 1940 mm (800 Kg)

⇒ **LIQUID FILLERS**

- **Ref. 1211: CIONI A6/FA** Closed ampoules filler, automatic feeding, for 1 to 10ml ampoules, 10000 ampoules/h output, CE certificate
- **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. 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. 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
- **Ref. 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.
- **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 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
- **Ref 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 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.

⇒ **LIQUID FILLERS (continuation)**

- **Ref 2412: BAUSCH & STROEBEL KSF 3020** vial filling, bung inserting, and crimp capping machine, 6 rotary piston pumps (3 for range 5ml - 10ml, all 6 pumps for greater volumes), 3 head bung insertion station with bowl feeder, and 3 head crimping station with bowl feeder. Includes handling parts for 3R, 6R, 10R, 15R, 20R & 30R vials. Output up to 5,040 units per hour (4,200/hr on size 30R). Refurbished in 2005 including new Siemens S7 PLC controller.
- **Ref 2411: ALWID MATADOR-D** inline monoblock filling and screw cap closing machine for bottles, tubs etc, with 4 piston filling station, and single head screw capping station. Output up to 3,600 per hour.
- **Ref 2436: CMI LINE 6/11 S** Liquid filler, 2007, 6 heads, dosing range: 100 ml to 1000 ml, output: 1500 to 2400 bottles/h, no drop device, discharge of liquid at the bottom of the bottle, s/s hopper with top and low level sensor, Machine sizes : w 4500 x depth 1800 x h 2200 mm, electricity : 400 V , 2,5 kW, pneumatical alimentation : 6 bar, good conditions, in option : infeed table, 2 x 90° conveyors .
- **Ref 2414: BOSCH FLK 6040 GP** four head in-line piston filler, year 1989 (delivered 1993), including 2 sets of glass pistons 250ml and 500ml, with feed tank, approx. 2m infeed conveyor, approx. 3m outfeed conveyor. Can be converted to 6 head filler.
- **Ref 2444: ANREP P3CV** semi-automatic vacuum filler for double ended ampoules, 1989 , fitted with ALTUGLAS vacuum chamber, a loader carrier with 2 interchangeable grids according to ampoules , a tight bellin altuglas on top of chamber, a control panel with 3 taps " air- vacuum - liquid", a vacuum gauge for vacuum control, vacuum by PIEL pump, tank in altuglas before vacuum pump, stainless steel frame, current tooling : 2, 5 and 10 ml, max output : 15 to 20000 at 10 ml, 25 to 32000 at 5 ml, 50 to 70000 at 1 and 2 ml, machine sizes : 0.90 x 0.75 x 0.55 m (weight : 70 kg)
- **Ref 2543: STRUNCK (BOSCH) ALK 2020** ampoule filling and closing machine , 1990 , for open ampoules, 2-station-filler with rotary valve pumps for 1-5 ml and 5-20ml, output 7.200 pcs./h (1/2/3ml), 5.500 pcs./h (5 ml),, 4.000 pcs./h (10ml), 3.000 pcs./h (20ml), incl.format sets for 1/2/3/5/10/20 ml, s/s version, energy supply gas approx. 180 ltrs/h at 0.05-0.1 bar, oxygen approx. 900 ltrs/h at 3-5 bar, inert gas aprox. 1.200ltrs/h at aprox. 4.0 bar, working range for ampoule-Ø 9.25-23.75 mm, ampoule-height 65-125 mm, output 0-120 ampoules/min, for Propan/Butan gas, pre/post/closing gas flushing, edge-melting, flame heat extractor, feeding magazin, controlled by Bosch PC 200, el. connection 380V/50Hz/7.9kVA, good condition
- **Ref 2546: MARCHESINI M652** liquid filler / closer / crimper, 6 filling heads, 2001, for vials 5, 10, 20, 50 and 100 ml, output : 135 vials / min at 5 ml and 60 vials /min at 100 ml, previous products : Ketoprofen, vitamin B12, Spiramissine et nitroxinil. disinfected and cleaned regularly and equipment conveying the product, washed in LANCER Washer with cycles of washing validated according to an American standard, press on capping (1 station) + crimping (1 station)

⇒ **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. 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 2564: UNIPACK U 240 (ROMACO)** tube filler for plastic tube, 2000, max output : 160 tubes / min, format for tube with diameter 30.5, 19 and 13.5 mm .
- **Ref 2581: KALIX KX14** metal tube filler, between 1975 and 1980 but sold fully overhauled, Speed: 40 tubes per min (depending on tube size), Speed inverter, Stainless steel hopper with stirrer, Tube registration, Three sets off change parts 25/30/35 mm, Three sets of product valves / pistons, Machine all rewired with PLC unit, All new guarding with interlocks, Max product fill 200 ml, Max tube diameter 50mm.
- **Ref 2596: TONAZZI COLIBRI 60** Automatic volumetric tube filler for liquid, sticky, viscous, and doughy product, equipment: automatic infeed tube with loader, tilting station, 12 pocket, volumetric piston tube filler, stainless steel nozzle, jacketed stainless steel hopper with mixer: 65 liters, sealing station by 3 pairs of clamps with heat jaws, closing station by 1 pair of clamps with striate jaw and we can add character (currently without character), cooling station by water, cutting station, automatic discharge by chute, driven by variable speed, safety guards, current equipment: 12 pockets for round tube: 19 mm diameter, 1 piston: 22 mm diameter (filling from 15 ml to 40 ml), 1 nozzle: 5 mm diameter, capacity: filling from 3 to 200 ml (according to adapted piston), tube dimensions: 10-42 mm diameter x 50-200 mm high, output: 50-60 tubes/minutes, installed power: 4 kw, pressure: 4 bar, 1989
- **Ref 2598: COMADIS C125** Tube filling and closing machine Comadis, 1999, used for filling of Alu-, Polyethylen- and laminate tubes with viscous and half viscous products, machine and electrical cabinet is made of stainless steel, All parts are covered with nickel, not varnished, This GMP Model is capable for sterile rooms, max output : 45 tube / min, standard dosing : 2 à 300 ml, tube diameter from 10 to 50 mm, tube length from 60 to 230 mm, machine sizes : 1510 x 960 x H 2300 mm (weight 430 Kg), format parts for tubes diameter : 16, 19, 22, 25, 30, 35, 40 and 50 mm, air pressure without hot air : 6 bar 55NI/m, air pressure with hot air : 6 bar 160 NI/m.
- **Ref 2599: COMADIS C960** Tube filling and closing machine built in 2001, Maximum speed of 60 tubes per minute, 2 to 250 mls filling volume, 10-50mms diameter tubes, 60 to 280mms long tubes, hot air sealing system unit, 9-working stations. With size parts for 22, 30, 41.5 and 51mms diameter tubes. Also with 2 x 35mms filling nozzles, 1 x 21mms filling nozzle and 1 x 15mms filling nozzle, Set up for Plastic Tubes, In excellent condition, no longer in production, Only run approx 100 hours

⇒ **SUPPOSITORIES MACHINES**

- **Ref 2448: SARONG SAAS 6-AP/VP** Suppositories forming-, filling- and closing machine, 1994, for PVC/PE and PVC/PVCDC/PE and other thermoforming materials, output max. 12.000 supp./h, two stage (cooling time 16 min. = 2 x 8 min.) 4 format sets for suppos 1,07 ml, 1,25 ml, 2,2 ml and 2,5 ml available, foil width 52 - 62 mm, cell distance 17,4 mm, jacketed melting vessel 80 ltr. with anchor stirrer, peristaltic pump D-200, cooling unit 7500W/h, knurling, coding, perforation and cutting stations, Cooling unit with closed water circuit for external installation, industrial exhauster CFM, s/s version, controlled by IBM compatible PC (Windows), 12_ colour monitor, PLC Omron Sysmac CVM1, el. connection 380V / 50 Hz / 12 kW, very good condition.

⇒ **FILLER for Tube of Tablets**

- **Ref 2344: COMPTOSET 5200** Tube packer , 1987
- **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

⇒ **BAGS, SACHETS and STICKS FILLERS**

- **Ref 2586:** HASSIA FUV 22/30 sachet form, filling and closing machine, 2002, output 40-100 strokes/min, 2-tracks (3-tracks possible), bag width max. 300 mm, take-off length 40-220 mm, presently adjusted for 2x single bags each 50x140 mm, output max. 200 bags/min, volumetric cup filler for appr. 25 cm³ (usable for powdery products), with rotating feeding disc, storage hopper, level control system, intermittent operating mode, with tear open slot device, switching for chain sachets, longitudinal cutting device, print mark control, foil width max. 600 mm, mechanical operating foil reel draw off system, machine in s/s, PLC Allen-Bradley DTAM Micro, 400V/50Hz/12KVA, like new (only used for exhibition, max. 100 working hours)
- **Ref 2571 :** SIEBLER 90/3 4-lane sachet filler, year 1994, Capacity: 60 to 80 cycles/min. = 240 - 320 sachets/min, Sachet size width : 52,5 mm and Length : 50,0 mm, Product : 5 g sugar (adjustable), Foil width : 215 mm, Roll diameter : max. 500 mm, Roll core diameter : 76 mm, Electrics : 380 Volt, 50 Hz, Connection : 3 kW, with photocell foil registration, two reel holders, Stainless steel product hopper, machine documentation in German

SECONDARY PACKAGING⇒ **CAPPERS**

- **Ref. 1730:** INOVA VVM3011 Capper
- **Ref 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 VDRA01 Bung inserter, rubber caps, 20mm capsule, 13mm interior ø caps
- **Ref 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
- **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 EVWLO1 Wet-glue labeller, 100mm max bottle ø, 150mm max bottle height, 3600 labels/h max output
- **Ref. 1615:** BOSCH STRUNCK EVWFO1 Wet-glue labeller, 100mm max bottle ø, 150mm max bottle height, 7200 labels/h max output
- **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
- **Ref 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
- **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 2421:** BAUSCH & STROEBEL ESA 1025 self-adhesive labeller for ampoules vials etc. Suitable for products up to 36mm diameter and 140mm high. Available with size groups for 1ml and 5ml ampoules. Production output on 1ml approx 370/minute and on 5ml ampoules approx. 290/minute. Original year of manufacture 1988
- **Ref 2422:** BAUSCH + STRÖBEL ESA 1000 self-adhesive labeller suitable for ampoules and vials, output up to 20,000 labels per hour, object diameter 9mm to 25mm, height 20mm to 140mm. includes Allen coder and Argus 4 barcode reader. Year 1984. Full upgrade to PLC control and servo drive available
- **Ref 2423:** NERI SL200 2T double-sided self-adhesive labeller, suitable for oval or cylindrical containers. Minimum container size 15mm dia. x 30mm high, maximum container size 90mm dia. x 250mm high. Label height 10mm to 120mm, label length 13mm to 190mm. Output up to 180 containers per minute. Includes hot foil coder.
- **Ref 2486:** IMA LIBRA SENS 300T automatic labeller, suitable for applying self-adhesive labels (vignettes), currently set to apply labels to the tops of cartons , 2001, max output : 300 / min, carton dimensions : A from 20 to 150 mm, B from 10 to 85 mm and C from 50 to 210 mm, vignette sizes : length from 10 to 100 mm , height from 10 to 60 mm, label reel diameter : max 400 mm, electrics: 400 V / 3 Ph / 50 Hz / 1.7 kW, PLC SIEMENS S7-300, operator interface : UNIOP, drives & controls : Mitsubishi inverter, overall dimensions : 1100 x 2660 x 1900 mm .
- **Ref 2488:** IMA LIBRA SENS 300B automatic labeller, suitable for applying self-adhesive labels (vignettes), currently set to apply labels to the underside of cartons, 2001, max output : 300 / min, carton dimensions : A from 20 to 150 mm, B from 10 to 85 mm and C from 50 to 210 mm, vignette sizes : length from 10 to 100 mm , height from 10 to 60 mm, label reel diameter : max 400 mm, electrics: 400 V / 3 Ph / 50 Hz / 1.7 kW, PLC SIEMENS S7-300, currently without Infeed conveyor, operator interface : UNIOP, drives & controls : Mitsubishi inverter, overall dimensions : 1100 x 2660 x 1900 mm .
- **Ref 2492:** BAUSCH & STROEBEL SM 6005 Syringes labeller (placing of piston and label), 1988, fitted with : 6 syringe loading chute, syringe transfer comb, station of piston placing, labelling station with ALLEN coder , label and marking presence control by photoelectric cell with ejection, station to push piston into syringe at 6 pushers and 6 chutes , 2 vibratory bowls for piston automatic feeding, piston presence control by photoelectric cell with ejection, separated control panel and electro cabinet, safety interlocked guarding, stainless steel frame, current tooling : syringes of 0,5 and 1 ml, diameter of syringes body : 6,85 mm, syringe height with needle cover without piston: 73,5 mm and with piston : 102 mm, Length piston: 53 mm, Capacity with new format : syringe diameter from 7 to 17 mm, syringe volume from 0.5 to 10 ml, max label height : 70 mm, max output : 6000 / h, power : 6,5 kW, electro cabinet sizes : L 0.80 x w 0.50 x h 2.10 m, control panel sizes : L 0.45 x w 0.35 m x h 1.35 m, machine sizes : 2.30 x 2.20 x h 1.86 m (2200 Kg).
- **Ref 2487:** IMA LIBRA SENS 300T with PCE automatic labeller with a PCE pharmacode reader with LCD touch terminal, laser raster scanner, suitable for applying self-adhesive labels (vignettes), currently set to apply labels to the tops of cartons, 2001, max output : 300 / min, carton dimensions : A from 20 to 150 mm, B from 10 to 85 mm and C from 50 to 210 mm, vignette sizes : length from 10 to 100 mm , height from 10 to 60 mm, label reel diameter : max 400 mm, electrics: 400 V / 3 Ph / 50 Hz / 1.7 kW, PLC SIEMENS S7-300, operator interface : UNIOP, drives & controls : Mitsubishi inverter, overall dimensions : 1100 x 2660 x 1900 mm .
- **Ref 2467:** ETIPACK SYSTEM 14 ampoule labelling machine, with parts to handle 11.75mm diameter ampoule (height 63.9mm) at speeds up to 4,000 ampoules per hour. Minimum container height 25mm. Fitted with Etipack GSCE 46 hot foil coder and code presence detection. Year 2000

⇒ LABELLERS (continuation)

- Ref 2539: **BAUSCH & STRÖBEL ESF 1001** self adhesive labeller, 1991, max output : 6000 / h, vials sizes : diameter from 16 to 160 mm, height from 35 to 320 mm, label sizes : length from 30 to 150 mm, height from 20 to 100 mm, with conveyor (Length : 1000 mm, width : 160 mm), direction : right to left, control system : label, code, currently without coder, electricity: 220/380 V, 3 Ph, 50 Hz, machine sizes : 1200 x 1400 x 1800 mm
- Ref 2557: **IMA SENSITIVE 350** High Speed Wrap Around Labeler, 2007, Max output : 350 cpm, 8 1/2 in (220 mm) max length Label, 1/2 in H (15mm) min length label, 5 1/2 in H (140mm) max height label, 3 in W x 10 ft L cloth belt conveyor, 16 in dia Label Reel w/ 2 in Dia core, 12 in L timing screw, 12 in L x 6 in H rubber belt wrap station, Sick label detection system with Air jet reject, Allen Super Compact hot stamp coder, Plexiglass enclosure w/ front and rear hinged doors, designed to apply self-adhesive labels on the body of cylindrical containers in glass, metal or plastic .
- Ref 2591: **KING LH10** labelling machine for bottle , 1993, s/s-style, for back-side and wrap-around labelling, runs from left to right, object-Ø 12-110 mm, object-height unlimited, output according to product max. 9,000 objects/hr., label height 15-150 mm, label length 20-300 mm, conveying belt speed max. 35 m/min, code reader PCE, hot printing device Metronic MC1, scroll assembly, bad discharge at belt end, control King industry PC, connection 240V/50Hz, good condition

⇒ BLISTER PACKERS

- Ref. 1706: **BOSCH SERVAC130** Blister packer, dedicated product feeder
- Ref. 1929: **UHLMANN UPS3 MT68/127** Blister packer, 1 unroller for 2 reels, 108x68mm blister size, 3 rows of 5 tablets
- Ref 2433: **UHLMANN UPS 2** blister packing machine for ampoules, complete with automatic ampoule feeder and parts for standard 1ml and 5ml ampoules. Current tooling for 10 ampoules per blister, 2 blisters per cycle. Capacity 15 to 40 strokes per minute. Year 1988.
- Ref 2406: **CAM PARTENA M82** blister packer, 1992, SN MAT-S06-309 , soft version EC V/0501, 40 strokes / min, step : 156 mm, 2 vibrating bowls for needle , control of product presence by camera, with in option a machine to remove syringe of NEST before entry in blister packer
- Ref 2523: **ROHRER R 950 HF** fully-automatic blister packer, Alu/Alu, December 1999, intermittent, max. blister size 190 x 240 mm, max. drawing depth 45 mm, for cold-forming by air pressure, force adjustable, for Alu/Alu blisters, speed up to 40 strokes per minute, incl. format set for blister Alu/Alu 80 x 113 mm, for capsules size 1, 14 capsules/blister, 2 blister/stroke, print mark control, camera system for blister vision inspection system, PLC MOVEisto, servo drive, easy changeable to PVC/Alu, 400V/50Hz/10kW, very good condition
- Ref 2554: **HARRO HÖFLIGER PMK 300** continuous motion patch machine , 2001, patc material : PETG, non-woven material, gel-laminate, subassembly, drug (liquid), output : 40 patches / min (2 x 20), voltage : 480 V, 60 Hz, 3 PH / N / PE, operator panel SIEMENS TP 37, compresses air : 6 bars , safety guarding, unwind release cover (PETG) station, splice detection release cover (PETG) station, heating and forming release cover station,unwinding of non-woven station,cutting and transfer of non-wovenb pads station, rewind waste grid non-woven station, position non-woven inc cavity , ultrasonic welding station, check position of cavity, liquid dosing station, unwinding of gel , rotary die station gel, splice detection gel, check position gel, rewind gel line, lamination gel / subassembly, lamination subassembly / release cover, check position cavity before lamination, unwinding carrier for waste grid gel, unwinding subassembly, splice detection subassembly, rewing PET liner, detection print registration, pull roll station, rotary die final patches, rewind waste grid subassembly, pick and place unit, reject bad products, discharge belt, punching hole for registration of release cover .

⇒ 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. 1993: **UHLMANN C2304** High speed cartoner, output 300 cartons/min, continuous motion, 10 blisters/cartons
- Ref. 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.
- Ref. 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 ...
- Ref 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.
- Ref 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
- Ref 2426: **MARCHESINI MA 150 S** automatic cartoning machine for blisters, with infeed conveyor and top-up magazine, blister magazine, blister pocket wheel for orienting the blisters on-edge if required (can also be inserted flat into the carton), flat sheet leaflet folder and inserter, end flap coder, Argus Laetus 4 bar code reader. Output up to 100 cartons per minute. Year 1995.
- Ref 2471: **CAM PRX** cartoner, 1998, box formates width 12 - 70, height 15 - 90, length 50 - 140 mm, output max. 120 boxes/min., feeding devices for bottles and collapsible tubes (other feeding device possible) GUK FA 21/4 Cartonac 91, leaflet folding and inserting unit. Argus 3 code reader, vacuum pump, centrally adjustable bucket chain, for boxes with offset closing flaps, single colour embossing device, el. connection 380V/50Hz/2kW, only 3.403 working hours, very good condition
- Ref 2525: **CAM AV 78** vertical cartoner, 1998, leaflet inserter.
- Ref 2435: **IWKA CP80R** cartoner intermittent motion, 1999, Max output : 80 cartons/min, Cartons size range : width (A) 20-85 mm, height (B) 17- 70 mm, Length (H)H 50 - 200 mm, set for glue closure fitted with NORDSON 3400 Hot-melt system, Laetus Argus 6012 barcode reader, no leaflet folder/inserter, previously used packing vials with feeding device for 5 ml (Diam 15 x 41 mm) and 10 ml vials (diam 18 mm x 38 mm), carton size 55 x 24 x 110 mm taking 10 vials 2 x 5 standing upright .
- Ref 2524: **MARCHESINI MA 320** cartoner, 1996, box formates width 30-165, height 15-85, length 100-200 mm, output max. 320 boxes/min, brochure folding and inserting machine GUK CARTONAC 91 FA 21/4, PLC Eberle Siemens S5-115U, panel Siemens OP 15, both sides for tuck end flaps, no embossing device, blister infeed device (one blister per box), no stacking unit, code reader PCE, 400V/50Hz/7.5kW, CE approved, very good condition

⇒ **CARTONERS (continuation)**

- **Ref 2526: MARCHESINI BA 50** automatic horizontal cartoner , intermittent motion, 1998, bucket feeding chain, sensor for presence of product in the bucket, traditional blade opening system, change over simple and fast assisted by millimetric scales, SIEMENS operator interface control panel shows all the machine functions and displays the machine status, as well as fault/alarm messages, max output : 70 cartons / min, format : A from 40 to 145 mm , B from 20 to 80 mm, H from 70 to 190 mm , A+B max 190, product conveyor height 820 mm (adjustable + 30 mm) , space floor : 2350 x 1600 mm (weight 900 Kg)
- **Ref 2559: MARCHESINI BA 100** Horizontal Cartoner , 1999, model BA100. Machine is capable of speeds up to 120 cpm. Horizontal intermittent motion cartoner set up for glue style cartons with embosse date coder and automatic bottle transfer. Has fixed bucket infeed and a carton size range of 20 to 100 mm (length), 12 to 55 mm (width), 55 to 170 mm (depth). Has automatic prefolded leaflet inserter, PCM bar code scanner and embosse date coder. Machine has minimum Carton and Leaflet detection system
- **Ref 2538: CAM AVC3** Vertical high speed continuous motion cartoner, 1991. Automatic bottle infeed unit. GUK Pre-folded leaflet insertion. Argus 4 Pharma coder system. Upper carton coding unit. Lower carton coding unit. Carton reject system. Nordson hot melt gluing system. Last used on bottle sizes 100ml/200ml/500ml/1000ml. Comes with suitable parts for different formats. Carton size range Min/Max A 20-130mm - B 12-100 - C 50-200. Machine size L 3500mm x W 2350mm x H 1800mm. Weight 1500kg. Excellent condition. **WORKING WHEN REMOVED FROM PRODUCTION**
- **Ref 2582: CAM HF 77** horizontal high speed continuous motion cartoner, 1990, Automatic blister infeed unit. GUK Pre-folded leaflet insertion, Argus 4 Pharma coder system, End flap carton coding unit, Carton reject system, Scroll infeed unit, Last used on carton sizes 20mm/50mm/100mm, Comes with suitable parts for different formats, Carton size range Min/Max A 20-70mm - B 12-70mm - C 55-200mm, Machine size: L 5000mm x W 1500mm x H 1800mm, weight : 1500kg, Excellent condition.
- **Ref 2428: UHLMANN C300** continuous motion cartoner for blisters, carton size range Length 30 to 75mm, width 15 to 75mm, depth 65 to 150mm. Includes blister magazine, GUK flat sheet leaflet folder, rotary carton feeder, output potential up to 300 cartons per minute.
- **Ref 2548: CAM AVC - 2** automatic vertical cartoner, continuous motion , 2005, Allen bradley panel view 550. Built 2005, with cam bottle orientor, currently without leaflet inserter, pick and place device to put the bottle (x3) into the bucket, fitted with NORDSON holt melt closure , Max output : 200 étuis / min , Unit is currently set up to handle the following package : pack #1 /jar dim.: 44 x 35mm. (15ml.)/Carton dim.: 46 x 46 x 77 mm, Pack #2 jar dim.: 58 x 54 (1.7 oz)/carton dim.: 62 x 62 x 60 mm, Pack #3/jar dim.: 62 x 47 (1.7 oz.)/Carton dim.: 66 x 66 x 52 mm.,Pack #4/jar dim.: 62 x 47 (17 oz.)/Carton dim.: 66 x 66 x 93 mm, Pack #5/bottle dim.: 49 x 94 (50 ml.)/Carton dim: 70 x 50 x 136 mm, only 68 working hours
- **Ref 2558: MARCHESINI MA 355L** Horizontal Cartoner, 2000, 24 in L x 3 in W rubber belt infeed w/ 20 in L Screw Bottle Loader, 2 in w x 7 in L product pockets on 5 in centers, 52 in L x 8 in wide carton magazine w/ rotary vacuum cup pick up, Top entry leaflet feeder, PMC80 series code scanner, Rotary product pusher arms, Debossing coder, Nordson 3400V Hot melt glue system with (2) nozzles, Electrical: 3/60/208, up to 240 CPM, designed following GMP regulations and is CE mark compliant. Balcony style construction. The machine structure completely separates all mechanical movements and groups, situated in the machine back part, from the working area, where product transport, leaflet and carton feeding are in the front part of the machine, immediately accessible by the operator.
- **Ref 2602: PROMATIC P100** cartoner, 2000, mechanical speed : 120 cartons / min, Production speed: 100 / min, horizontal folder gluer machine GUK Type FA 21/4 cartonac 91 and laetus argus bar code reader, carton sizes : A from 20 to 124 mm, B from 15 to 85 mm, C from 60 to 210 mm

⇒ **END OF LINE**

- **Ref. 1060C: ALLEN 4ACC** Flat carton overprinted S/S
- **Ref. 1867: TEMA 94/54 Packer/Palletizer, 1994, palletization, 4 boxes/min output**
- **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), cartons 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 roller 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/Cellophane), 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 magazine, additional change parts for product height 10, 19 and 21 mm as well as 1 adjustable product magazine, 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 2289: FABCAR C260 G40.2** overwrapper, 1985, documentation.
- **Ref 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 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 2484: SKINETTA ASK 300** Bundling machine , 2004 , output : 32 pack / min ;
- **Ref 2432: SOLLAS TYPE 16 PE** overwrapper with side infeed suitable for cartons and similar collations. Size range min. 60 x 40 x 20 mm, max. 300 x 190 x 85 mm, up to 40 packs per minute. Fitted with tear tape unit.
- **Ref 2452: OLI 410D** case packer, 1995, output : 270 cartons / min , PLC S5, introduction by the left, closure by NORDSON 3400, carton sizes : 64x64x148 mm, external box sizes : 310 x 198 x 330 (flap : 98 mm), machine sizes : 2.2 x 2.9 x 1.95 m.
- **Ref 2469: PESTER PEWO-MAT 400SN** collator shrink wrapper for cartons etc., with infeed conveyor, stacking unit, and PEWO-Therm shrink tunnel, max. collation size 350 x 400 x 200 mm, (LxWxH), output up to 20 collations per minute. Year 1983
- **Ref 2468: PRB FAR XE** bundling and overwrapping machine for cartons, high speed up to 80 bundles per minute. 2008 with only 600 production hours. Servo driven with touch screen operator interface. Maximum bundle size 250x150x 210mm (L x H x W). Bypass option.

⇒ **END OF LINE (continuation)**

- **Ref 2431: PESTER PEWO-PACK 450SN** collator shrink wrapper, output up to 35 packs per minute, with infeed scrolls for bottles, which are then picked up by grippers in groups of 6 (or as required) and placed into the shrink wrapper. Complete with PEWO-therm shrink tunnel. Previously packing 6 x 1 cosmetics bottles of various sizes. Year 1997.
- **Ref 2511: BERGAMI CM 40** automatic overwrapper, 20041, max output: 60/ min, foil width: 125 - 400 mm, carton sizes: A from 60 to 300 mm, B from 50 to 150, C from 25 to 90 mm.
- **Ref 2485: MARCHESINI MC822** automatic horizontal case packer , 2002, Capable of receiving products on an infeed conveyor, collate in a requested pattern, loading product into the case and sealing it with self adhesive not overlapping tape and discharge. With cantilever (balcony) type frame constructions, movements through PC controlled brushless motor, pick & place product transfer, A: from 20 to 260mm B: from 10 to 150mm H: from 50 to 250mm, speed of up to 10 cases/min.
- **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. Machine sizes : 5030 x 1702 x 2032 mm(1300 Kg) , Elec: 480V/3Ph+PE/(kw/24VDC,
- **Ref 2496: MEURER CM/TP 25-B 400** Automatic Tray Packer, 2006 Stacks cartons (from cartoner) into bundles of 12 and places them in a shelf ready 4 sided tray (approved by most blue chip supermarkets). Carton dimensions - Height B = 15mm min - 75mm max; Length H = 65mm min - 180mm max. Norton hot-glue device with 2 application heads. Horizontally mounted blank magazine, length = 1000mm, adjustable for different blank sizes via threaded shafts, includes magazine empty warning system. Size: 4000mm x 2100mm x 2500mm high, weight 1500kg. checked/tested/running
- **Ref 2555: IMA CP -28BA** Automatic Case Packer, 2005, NORDSON PROBLUE 7 w/ (2) glue heads , Allen Bradley Panelview 300 PLC Controls, Carton Size Range: 220-600mm x 120-400mm x 120-350mm, Max Speed: 10 CPM, 7 1/4 in W x 5 in H product push ram, 40 in L Magazine adjustable width (up to 27 in W), 3 ft W x 28 in L roller conveyor outfeed, Side-loading case-packer, suitable for the packaging of individual or bundled cartons into pre-glued RS cases. The machine footprint is extremely compact and it is the ideal solution in case of space restrictions at the end of the line.
- **Ref 2556: IMA MS 400 EA** Stretch Bander/Shrink Wrapper, 2005, 16 in Seal Bar, 6 ft L x 2 in 90 deg infeed, 7 in W product pusher bar, 18 in Top/Bottom Maximum Film Width, Pneumatic Tension Controls, 14 in W x 15 in L rubberized belt take away conveyor, Digital Temperature Controls for Seal Bar and Heat Tunnel, Allen Bradley Panelview 300 PLC controls, Optional Manual Cycle, 3/480/60, S/S frame, plexiglass enclosure, Model T400 32 in L Heat Tunnel, 20 in x 20 in tunnel opening, 16 in W x 5 ft L teflon Mesh Tunnel Conveyor, top mounted blower, C/S frame w/ (4) leveling legs. Film: PE 30 to 70 micron, max speed 45 , unit can bundle single double or triple push
- **Ref 2567: FABCAR G60.2 et G60.3** collator overwrapping machines, 2 available (one G60.2 of 1991 and one G60.3 of 1990), max output : 60 cycles/min, carton sizes in entry : a (carton width) from 15 to 280 mm, b (carton height) from 16 to 80 mm and c (carton length) from 80 to 190 mm, grouping sizes: d (fold width) from 80 to 280 mm, e (fold height) from 40 to 120 and f (grouping length) from 80 to 250 mm
- **Ref 2597: SIAT** semi-automatic case taper, 1997, equipment: manual adjustment for formats, 75 mm high x 800 mm long dual side belt conveyor, 500 mm wide x 300 mm long roller conveyor, top and bottom case taper, driven by 2-gears reducer, mounted on 4 legs with adjustable height (mobile), case sizes: length: min. 200 mm, width: min. 140 mm - max. 500 mm, height: min. 100 mm - max. 450 mm, output: 1600 cases/ hour, installed power: 240 watts, machine sizes : 1.68 x 0.74 x 1.50 m
- **Ref 2600: SOCO T10** top and bottom case taper. 900 mm long roller conveyor with driven side belts. Max case dimensions 525 mm wide x 500 mm high. 415V/3ph/50Hz. Year of manufacture 2001

⇒ **CRIMPER**

- **Ref 2464: BOSCH VSR F01** closing machine for rubber bungs and aluminium crimp caps. Capacity up to 3,600 units per hour. Includes one closing head for rubber bungs with vibratory feed bowl and track, one closing station for aluminium crimp caps with cap sorter and feed track. Available change parts for bottles 49.5mm diameter x 120mm high. Year 1984
- **Ref 2482: ZALKIN CA 15 480 NG** Crimp capper , 1998, 15 stations, never installed, ALLEN BRADLEY panel View 900, cap elevator made by FOWLER model BVC-24/06 , output : 600 vials / min, direction of feed : right to left, conveyor, electricity supply : 480V - 3P-60Hz, hopper type GC 750, format for Flip Off caps : Diam 13 mm x 8 mm and Diam 20 mm x 9 mm , 15 crimping heads type 81, Machine sizes : 3200 x 2280 x 2120 mm
- **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. 1074: BOSCH VRRAO1** crimper, 100 vials/min output
- **Ref 2434: COMPLETE BLISTERING, CARTONING, AND PACKING LINE FOR TABLETS & CAPSULES** comprising: Klöckner Compacker 5 blistering machine with brush box feeder for tablets and Electromec capsule feeder, Laetus Polyphem 1030 missing product detection and rejection, dust collection, chiller, Marchesini MA150 intermittent motion cartoner with automatic blister infeed for blister stacks either on-edge or flat, reverse tuck, leaflet folder and inserter, end flap coder, 100/min (1995), Collischan 421C automatic check weigher with reject station, Sollas 17 collator overwrapper, with automatic infeed and quick size change features, tear tape

COMPLETE LINES

- **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
- **Ref 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.

COMPLETE LINES

- **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 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 2415: COMPLETE LIQUID FILLING LINE**, previously used for cosmetic creams, lotions, hair care products and similar products, comprising Rationator Multifüll 4 four head inline piston filler (1988) including cams for various filling profiles according to product, suitable for filling up to 1000ml, Mewes GKD-Kombi single head screw capper with bowl feeder, and Pago 185 two side labeller (1987)
- **Ref 2439: BAUSCH & STROBEL Washing and sterilising line for open ampoules** year 1983, fitted with format for ampoule 1, 2, 5, 10 and 20 ml, in stainless steel, comprising an ultrasonic washing machine type AWU 12005 with recirculation station, capacity: 18 000 ampoules / h for 1 et 2 ml ampoules, Object diameter : from 10 to 26 mm, Object length from 25 to 140 mm, 12 ampoules in a row and a drying and sterilising tunnel with laminar flow type DHT 2547, Length from 25 to 155 mm, Capacity : approx. 55 Kg glass weight / h, 3 zones : the preheating zone, the sterilising zone and the cooling zone, Max temperature : 350 °C
- **Ref 2337: ROMACO BOSSPACK high speed packaging 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 Excel star self-adhesive labeller, max output : 110/ min.
- **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
- **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 2438: LIQUID PRODUCTION AND STORAGE LINE** in stainless steel 316L, included : 3 production tanks : 1 P. GUERIN double jacket tank 800 litre (mixer with double propeller, homogenizer, CIP), 1 P. GUERIN double jacket tank 6000 litres (mixer with double propeller, jib for feeding under vacuum, CIP), 1 TOURNAIRE double jacket tank on balances 2000 litres (mixer), P. GUERIN semi-automatic PLCs for cleaning and production (3 liquid volumetric dosing units), CIP for tank and circuit (double jacket tanks, 2 PALL Filters (1x2130 l softened water, 1x2130 l demineralised water and et 1x1280 l), Pumps (2 HOWARD mobil centrifugal pumps - 6000 L / h, 1 MOVEX mobil pump, 3 HOWARD pumps- 4.5 bar), UNISHEAR homogenizer, 8 storage tanks (6 x 12 500 litres tank of raw material storage with CIP, single jacket, on balances, alarm of high level and 2 x 12 500 litres tanks of end product storage with CIP, single jacket, on balances, 1 PMS AS 800 mixer per tank with variator), Others : various pipes, connections... and footbridges with ramps.
- **Ref 2470: BAUSCH & STROBEL vial line** Line is rated for 300 vials/min on the small vials and 150 Vials/min for the larger size, Change Parts for vials sizes 2ml to 30ml and many spare parts. This line comprising: Bausch & Strobel Washer AWU12015, 1985, 2300kg 220/380V 20Kw 60Hz 24" wide SS infeed belt, washer dims 152"x53"x66"; Bausch & Strobel Tunnel DHT52125, 1985, 6500kg 220/380V 118Kw 60Hz 24V Steur Spannung 2, 220/115V Tunnel overall dimensions 17'2"x8'x8' remote control panel dims 8'x22"x82", control panel controls Pre Heat Supply, Pre Heat Exhaust, Cool Zone 1 supply and exhaust, Cool Zone 2 supply and exhaust, conveyor speed, blowers, and heaters, Bausch & Strobel Transfer Conveyor from Tunnel to Filler TRE300, 1985, 380V 3PH .5Kw 60Hz 24V, Bausch & Strobel Filler Plugger FV6010, 1985, 2200kg 220/380V, 2kw 60Hz 24V overall dims 104"x73"x74" glass vials are fed from tunnel on to rotary table fixed to filler then filled and plugged, Bausch & Strobel 40" Rotary Table RTE 1000, 1985, 308V 3PH .5Kw 60Hz 150kg, 15 Head Zalkin crimp Capper CA1548ONG, 1998, has change parts for 2,5,10,20,50,60,100ml glass vials and set up to crimp 13mm and 20mm flip crimp caps. Dims 120"x74"x8.5' rated for 600cpm. 480V 60Hz, HULL 30" s/s rotary table, Chase Logeman Tray Loader ATL-120 SL-2, 110V 60Hz 1PH 132"x4 1/2" conveyor mounted to machine, base dimensions 62"x72"x36"
- **Ref 2446: COMPLETE AMPOULE LINE** a BAUSCH & STROEBEL AMPOULE WASHER AWU 8000 (1986), format for 1, 2 and 5 ml ampoules, ampoules are fed via trays/washed and re-fed to trays then sterilized, overall dimensions : 90"x88"x46", remote control panel dimensions : 113"x72"x60", remote control panel dimensions : 49"x17 ½"x42", a BAUSCH & STROEBEL ampoule filler sealer AFV 4015 (1986), Format for 1, 2 and 5 ml ampoules, electricity: 460 V, 3 Ph, 1.5 kW, 60 Hz, 24V, ampoules are fed on to a 20" S/S adjustable infeed belt then after filled and sealed fed onto trays, a NIKKA DENSOK HDB II pinhole inspector (1986), In feed belt 20"x38", outfeed tray 24"x14", overall Dims: 157"x33"x66", format for 1 and 2 ml ampoules, electricity, 200/480, 2 KVA a AVERY vial labeller 6506 rotary custom, with Has systech 2 camera vision system with allen Compact 205, 40/25 Hot stamp printer for lot and expiration, wrap station, overall dims : 80"x87"x46", electricity : 115V,60 Hz, 1Ph, 15 Amps.
- **Ref 2506: STRUNCK (BOSCH) ampoule filling line** for open straight-stem and funnel-type glass ampoules, output max. 8,000 ampoules/h depending on ampoule size, consisting of: washing machine RUR D 07, output 5,000-8,000 ampoules/h, object-Ø 8-23 mm, object length 40-140 mm, recirculating pump station, ultrasonic bath, iridescent feeding, object discharge with clocked compressed air, height adjustment, sterilizing tunnel TSQ W 02, output 1,500-10,000 ampoules/h, run through hot air sterilizing tunnel (drying/sterilizing/cooling), object-Ø 8-54 mm, object height 40-160 mm, usable belt width 200 mm, sterilizing temperature max. 350°C, filling and closing machine AVR D 04, output 4,200-12,000 ampoules/h, 4 filling stations, filling range 1-27 ml according to pump set, with pump set for 1+2 ml, object-Ø 9-23,5 mm, object height 60-160 mm, pre/aftergassing, without firing station for closed ampoules, colour ring coding machine DUR A 01, output max 15,000 ampoules/h, object-Ø 9-23 mm, object height 45-130 mm, max. 4 colour rings, laminar flow unit, make Blyemehl, model 2005, available change par sets for ampoules 1+2 ml, connection 220/400V/50Hz, very good condition,

COMPLETE LINES

- **Ref 2578: LIPSTICK FILLING LINE** including a machine of casting for lipstick (diameter 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 2549: Counting / filling and packing line for tablets and capsules** Comprising : a SWIFTPACK A36 PTS counting and filling machine (1996), Containers to be filled are placed onto a rotary table Ø 60 cm and onto a plastic slat conveyor and are fed to the **Swiftpack Typ A 36 PTS** from the left-hand side, height-adjustable to suit different container heights, 6 vibratory lanes, photo-electrical counting, max output : 60 containers / min and 3000 tablets / min, max tablet diameter : 25 mm, transfert conveyor to closing machine (length approx. 250 cm), a **GRONINGER KVG 201** screw capping machine, 2001, star wheel which indexes them to the Screw-Capping Station, bowl feeder, capacity : container diameter from 18 to 65 mm, container height from 30 to 200 mm, cap diameter from 10 to 60 mm, cap height from 10 to 60 mm, complete with format parts for rectangular bottles 60 and 120 ml, max output : 70 closed containers per minute, line sizes : 600 x 150 x 200 cm, 220 / 380 V / 3 phases /50 hz.
- **Ref 2572 : TUBE PACKING LINE** Comprising : a NORDEN NM 1002 tube filling and sealing machine, 1989, max output with metal tube : 107 tubes/min, max output with plastic tube : 80/min, one filling station, aspiration for plastic fragments, station to clean the tubes, pick and place for transfer towards cartoner, high-frequency device, empty tubes in cartons are put (manually) into the feeding magazine, 4-fold for metal tubes, Code reader with Cosi 221, Servo types: Pick & Place, filling tubes, Control system: Uni 85 (PC control system) max tube diameter: 50 mm, max capacity: 200 g, change part for plastic tubes : Ø 13.5xL 73 mm, Ø 40xL 115 mm, Ø 40xL 125 mm, Ø 22xL 140 mm, change parts for metal tubes : Ø 13.5xL 62 mm, Ø 19xL 75 mm, Ø 19xL 85 mm, Ø 22xL 95 mm, Ø 22xL 120 mm, Ø 22xL 140 mm, Ø 22 xL 156 mm, Ø 35xL 171 mm, a NORDEN NP 1002 E cartoner, 1989, max output: 200 carton/min, LAETUS 6012 barcode reader for leaflet and carton, control of label and leaflet and tube presence, ejection crosscheck, with SCHÄFER C01 labeller for application of a label on the top of the carton, carton width: 20 to 85 mm, Carton length: 50 to 200 mm, current carton sizes: L70x H 20 x w 30 mm, 100x22x30, 140x 26.5x38, 156x27.5x37, 176x27.5x37, 189x41x55, 95x22x30, 115x22x30, 80x20x25, 138x39x41, 148x39x41, 156x27.5x37,
- **Ref 2553: liquid vials line** year 2008 never used, capacity : from 6200 to 24 000 pcs / h, volume : 3-10-15 and 36 ml, total lenght : approx. 15 m, electricity : 400 V / 50 Hz / 3 Ph + PE without N , comprising : a BOSCH RRU 3084 washing machine, Turntable, Infeed belt, Automatic cover lifting device, Recirculating pump, a BOSCH HQL 5221S sterilizing tunnel, Tempering new filter, Differential pressure filter, Independent cooling system, Air velocity measuring and display, a BOSCH FLC 3080 filling and closing machine, Decontamination for isolator, Reject, a BOSCK ITP 6211 isolator , Rtp190-s alpha door , Rtp270-s alpha door, Mousehole for sampling station, H2O2 online monitoring, Particle counter, Viable count, Air velocity measure, Automation, Audit trail for pdm, Hmi with scada, Batch control, Cfr21 part 11, Documentation (english) : Eat, Aat, Iq/oq docs, User manual, Documentation (french) : Electrical cabling
- **Ref 2569 : GRONINGER FILLING AND CLOSING LINE FOR LIQUID** all the machines manufactured in 1996, Available change parts for bottles 10, 50, 100 and 500 ml (Ø 28,6 / 31,8 / 37,5 / 40 / 50 / 56 and 82 mm), 2 formates for spray pumps, 1 centering device for spray pump hose, 1 formate for drop insert, 3 formates for screw caps (Ø 22 mm, h 24 mm / Ø 28 mm, h 25 mm / Ø 36 mm, h 30 mm, each appr. specs), CE-mark, drive 220/400V/50Hz, documentation IQ/OQ, very good, rarely used condition, this line includes : feeding rotary table, GRONINGER type DTE 1000, Ø 900 mm, speed adjustable , filling/closing machine, GRONINGER type KFVG 4211, output 700 (1,000 ml) - 3,600 (10 ml) bottles/h, 4 filling stations with self priming s/s-rotary piston pumps, dosing accuracy +/- 0,5%, with pumps for 3-52 ml and 50-532 ml (for 1,000 ml connection of two pumps on one filling needle), for objects Ø 16-100 mm, object height max. 250 mm, star devide 8x, sub surface filling for foaming products, cutting needles for high viscous products, bottle neck centering, pre/after gassing, bottle mouth control, closing station for drop insert with vibratory bowl cartridge (no own vibratory bowl, therefor vibratory bowl from KVG 201 for insert station for spray pumps will be used), checking station for pre-assembled inserts, closing station for screw caps and snap-on caps with sorting vibrator, electronic torque screwing, 20 ltr. storage container, PLC Siemens S5, only 4,895 working hours , closing machine, GRONINGER type KVG 201, output max. 3.600 bottles/h, object-Ø 20-100 mm, object height max. 250 mm, star device 8x, insert station for spray pumps with vibratory bowl, electronic torque after-screwing station for spray pumps and snap-on caps (by locking of screwing station), checking station for closures, bad discharge, PLC Siemens S5, only 4,150 working hours , discharge conveyor in 90°-angle with bottle separating device and tray loading device
- **Ref 2560: Vials packing line** format for glass vials : 5, 10, 20, 50 and 100 ml, currently in production, available only at the end of first half of the year, previous products : ketoprofene, B12 vitamin, spiramissine, nitroxinil, penicillin. This line includes : a NERI MP 105 washing machine (1985), a NERI DELTA T 4000 HS sterilizing tunnel (1985), sterilizing temperature between 270 °C and 290 °C according to the format, a FARMOMAC F 67 type IPKTDBC liquid filler (1985), disinfected and cleaned regularly and equipment conveying the product, washed in LANCER Washer with cycles of washing validated according to an American standard, output washer/tunnel/filler : 5500 vials/h at 5 ml, 6000 vials/h at 10 ml, 5500 vials /h at 20 ml, 4500 vials /h at 50 ml, 3200 vials /h at 100 ml, a NERI TM2 tray loader (2002), PLC SIEMENS S7-300, operator panel SIEMENS OP7, output : 110 flacons/min à 5 ml, 140 flacons/min à 10 ml, 135 flacons/min à 20 ml, 120 flacons/min à 50 ml, 85 flacons/min à 100 ml
- **Ref 2574 : ARENCO TUBE PACKING LINE** Comprising an ARENCO AM1000 tube filling and sealing machine, cadence output from 20 to 100 tubes/min, Tube sizes : diameter from 10 to 50 mm and length from 50 to 250 mm, fitted with tube magazine, registration, air cleaner, product hopper with level detection, bottom up fill, saddle fold seal, emboss coder, a ARENCO AP 1000 cartoner, max output 110 cartons / min, with GUK FA 21/4 SVA /21 leaflet folder and inserter, integral control panel and emergency stops, machine mounted on castors, manual available, machine sizes : 3200x 1400x 1600 mm, a AVERY Dennison 720 L W600 automatic print and dual apply labelling machine, 2001, Avery model 160W type powered chain belt conveyor length 1500mm, Single printing head, Single action tamp with enclosed Wenglor product sensor. Omron EC6-CWZ5C rotary incremental encoder. Omron E36-AR81 Photo electric switch head, Magnetic Elektromotor AG type HC8AWAS-005 servo/motor/machine control. Advantech flat screen/touch screen color monitor, In built CD, folpny disc and DAT drives

OTHER MACHINES⇒ **POWDER MIXERS, GRANULATORS**

- **Ref. 1994: STOKES** mixer / granulator
- **Ref 2095: TKFIELDER PMA.400-2G** s/s 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
- **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 2092: KALISH 25L**all S/S mixer granulator with a 25 litre capacity bowl, equipped with a rotor and a lateral chopper.

⇒ **GRANULATORS**

- Ref 2376: **CMA CAL 342** Granulator , 2000
- Ref 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,

⇒ **MIXERS**

- Ref 2459: **HERBST HRV-S 250** freestanding stand-mounted planetary vacuum mixer, complete with vacuum pump, CIP sprayball, F1 type planetary mixing blade, and 250 litre electrically heated mobile jacketed vessel. Year 2007, in excellent condition.
- Ref. 1945: **PRATT GT** Mixer, stainless steel vessel and agitator
- Ref 2563: **IMA (VIMA IMPIANTI) CYCLOPS** maxi Container mixer, 4 x 1000 litre s/s containers, 2006, almost unused.

⇒ **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

⇒ **CREAM MIXERS**

- 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
- 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
- Ref 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 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
- Ref 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
- Ref 2502: **BROGLI MH 50 C** Cream manufacturing plant, 1980, useful capacity: 50 L, max capacity: 70 L, 9 kW electrically heated s/s 1.4301 mixing vessel, operator control, steel framework, hydraulic aggregate which raises and lowers the mixing vessel, bottom outlet for the jacket, on 3 castors, sight glass with light source, temperature controls and vacuum gauge, external supply of vacuum required, can also be used to introduce additives directly into the batch, fitted with a thread to vary the gap between the rotor and stator of the Toothed Colloid Mill, Anchor Stirrer: steplessly adjustable 42 up to 85 rpm, Spiral Stirrer: steplessly adjustable 60 up to 120 rpm, Homogeniser: steplessly adjustable 700 up to 3.500 rpm, electricity: 220/380V,3 Ph,50 Hz, machine sizes : 170x130x170/210 cm
- Ref 2450: **BROGLI MULTI HOMO MH 20 CJ** cream manufacturing plant, 1987 (overhauled), mirror polished s/s, total vol. : 25 liters, useful vol. : 20 liters, s/s double jacket, triple agitation/anchor stirrer, spiral stirrer, emulsifier, feeding of powder and liquid by vacuum

⇒ **TABLET AND CAPSULE COUNTER**

- Ref 2495: **KING SC20L** Slat counting machine for tablets & capsules. easy clean GMP standards. sanitary conveyor fitted with S/S guide rails & plastic slats. Gating cylinders fitted. large hopper fitted at rear of machine for bulk tablet supply. Vibrators fitted beneath the slats to settle the tablets into the slat cavities as they move towards the top of the machine. A top rotary brush ensures that dust, broken tablets or "doubled-up" tablets are wiped away before the slats release the tablets into the funnels. Dust extracted using a separate dust extraction unit with connections on front shutter, top brush & internal vacuum pipe. Product range: tablet sizes 3-25mm, capsule size 00-5, container diameter 15-125mm, container height 250mm max. Full inter-locking guarding on counter & infeed hopper. Variable vibratory control on hopper. 240v, 50 Hz. Machine size: 3700mm x 1550mm x 2430mm high,
- Ref 2588: **KING TB4** automatic tablet counter, 1993, 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.

⇒ **INSPECTION MACHINE**

- Ref 2508: **OTTENSCHLÄGER WEKOA R1** visual inspection machine for tablets, dragees and capsules, 2001, Product to be inspected is placed into a 60 L capacity Stainless Steel Hopper size 50 x 50 x 40 cm. At the base of the hopper is a linear Vibrator which transports the product at a controlled rate through an adjustable Gate across a linear chute. At one point there are perforations which allow any dust or product particles to fall through and be removed by a Vacuum Extraction system. At the end of the chute are two adjustable guides which control the flow of product onto the Inspection Conveyor. The Inspection conveyor is made up of a series of green-coated rollers, which rotate and thus turn over the product allowing full inspection from all sides. The Rotational Speed as well as the forward speed of the Rollers can be independently adjusted. Overall inspection area: 76 cm long x 27 cm wide. A Mirror is located opposite the Operator - the mirror can be angled to allow inspection of the part of the product out of the operator's normal line of sight. A Special Lamp with two neon tubes is mounted above the conveyor to provide light. Any damaged product is removed from the conveyor by a Stainless Steel Vacuum Pipette which is hand held by the operator. A number of pipettes with different apertures are available. The pipette connects - via a flexible tube - to a Stainless Steel intermediate collection container located inside the machine frame. The accepted product leaves the conveyor across a Stainless Steel chute. This is also connected to a tray, which is located below the conveyor and collects dust and particles. For the comfort of the inspecting operator there is a padded Armrest and a tilting Footrest with a large Stop Button. Apart from the PVC Rollers all parts in contact with the product are manufactured from Stainless Steel AISI 316. The framework and guards are constructed from stainless steel AISI 304 and the machine complies with GMP regulations, Electricity : 23 / 400 V 3 Ph 50 Hz, machine sizes: 160 x 60 x 147 cm
- 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

⇒ **INSPECTION MACHINE (continuation)**

- 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
- Ref 2403: **SEIDENADER V90** semi-automatic inspection machine, 2009, current format for syringe and vials.

⇒ **STERILIZATION**

- Ref. 1998: **GETINGE GEV 1250X1250X1250-2** steam autoclave, chamber dimensions 1250x1250x1250 mm, internal Ø of cylindrical chamber 1890mmxlength ca. 1403 mm, cylindrical chamber volume 4000 L, chamber working pressure -1/+3 bar, chamber working temperature 143°C, year 1987
- Ref 2517: **DESPATCH** Sterilization tunnel, 1996, Normal Operating Temp 330 C, Max. Operating Temp 370 C, Heater Type Electric 116KW Hot Zone ~ 56KW Cool Zone, Heater Amps 139.6 AMPS HZ 67.4 A CZ, Largest Motor AMPS 11 AMPS, Total Motor AMPS 255 AMPS, Voltage 480V-3PH-60HZ / 120V-1PH-60HZ, for vial sizes: 10 ml @ 200 VPM; 20 ml @ 200 VPM; 30 ml @ 200 VPM; 50 ml @ 135 VPM; 100 ml @ 100 VPM ;200 ml @ 60 VPM; 250 ml @ 60 VPM; 500 ml @ 40 VPM, Max bottle height:165 mm to clear profile plates, Tunnel Opening: 1320x4420 mm, Conveyor: 2286x1320 mm (Hot Zone) and 2032x1320 mm (Cool Zone), 1830x6325x2820 mm .
- Ref. 1878: **GETINGE GEV AR-2** Steam autoclave, chamber : 1070x1600x1250mm, 2130l volume, -1/+3bars pressure, 143°C temperature, jacket : 300l capacity, 3bar pressure
- Ref 2510: **FEDEGARI FOF/4** stainless steel horizontal autoclave, heated by steam, 1991, Capacity: 1177 litres, sterilization by wet heat, without trolley carrier, s/s (316S) horizontal double jacket, 2 sliding doors, safety valves, pressure gauge from -1 to + 2 bar, temperature gauge from +40° to + 136°, vacuum pump, centrifugal pump of transfer " hilge ", separate SUPERSPECTRA control cabinet with programmer " thema 3" (several sterilization cycles) and controller with printing, separate supervision PC, separate power cabinet, 1 s/s trolley with 5 shelves and 3 latticedtrays (tray sizes: 740x540x40 mm), 1 s/s trolley with 8 shelves and 5 latticed trays, max temperature: 136°, max pressure: 2,2 bar, double jacket capacity: 41 litres, tank sizes : w 800 mmxdepth 1500 mmxH 1000 mm, control cabinet sizes : w 0.50 m - depth 0.25 m - H 2.05 m, power cabinet sizes : w 0.60 m - depth 0.42 m - H 1.92 m, tray floor space : w 0.74 m - depth 0.62 m - H 0.90/0.50 m, autoclave sizes : 2.20 x 1.85 x 2.05 m (1800 Kg), Last APAVE control: 2007/01/22
- Ref 2295: **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 FRSI 200 2SIHT.
- 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 2346: **LEQUEUX 933112** Autoclave, 1993, 65 Liters
- Ref 2500:**BAUSCH & STRÖBEL DST 3740** drying and sterilizing and cooling tunnel with integrated laminar flow (1995), max capacity of approx. 91 Kg glass ware/h, a woven stainless steel conveyor (width 700 mm), entrance of tunnel covered by a vertically laminar flow, three zones : warming -up zone, sterilizing zone and cooling zone, max operating temperature: 350 °C, stops if no more vials, six-colour recorder for the temperature during cooling process, recorder located in a separate console, laminar flow for cooling zone, three pressure gauges for filter control, machine sizes : 3450 x 1750 x 2200 mm (2400 Kg) , console sizes : 2000 x 500 x 2000 mm

⇒ **WASHING MACHINE**

- Ref 1668: **BOSCH RRU2020** Washer, ultrasonic cleaning, 6 stations for inner cleaning and 2 stations for outer cleaning, 1995
- 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
- Ref 2000: **NETZSCH H02-2T** washing & drying chamber, total volume 306 litre, size of chamber 610 x 670 x 750 mm, year 1994
- 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)
- Ref 2308: **STERILINE SW 3A 1C** Washer, 1996 for R&D or Small output, with PLC and HMI and equipped 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, contact parts in AISI 316L s/s. Other parts in AISI 304 s/s. Process cycle choices include ultrasound, recycled water, fresh water, compressed air, silicone, hot air drying,
- Ref 2562: **BOSCH RUR H04** Vial washer, with ultrasound, trays feeder, range : 2 at 100 ml, current format : 10 ml, 40 stations, max output : 200 vials / min, vials sizes : diameter from 8 to 42 mm, height from 32 to 140 mm, mini internal diameter : 5 mm, external aperture diameter from 6 to 20 mm, machine sizes : 2286 x 2235 x 1168 mm.
- Ref 2575 : **LANCER Type 4800 PRO DP** washer for production ustensil, 2007, P=6KW, 400V 3P+N+T, cold water suply P=200 to 600 KPa, hot water supply P=200 to 600 KPa, steam supply P=200 to 600 KPa, compressed air, connections : demineralized, hot water, cold water, steam, condensate, discharge
- Ref 2601: **BAUSCH & STRÖBEL FAW 1002** Automatic vial and bottle washing machine with rotary table, 1990, max vials diameter : 80 mm, Vials height from 30 to 180 mm, max output : 3000 vials / h, a 700 mm diameter rotary table, inside and outside cleaning, fresh water, demineralised water and compressed air, electrical components and control system will be upgrated and replaced by a SIEMENS S7-1200 machine control, fitted with 5.7" touch screen panel, Current format: vials of 42,5 and 51,6 mm diameter, operating manual in german language, 220 / 380 V, 3 Ph, 50 Hz, machine sizes : 2600 x 1500 x 1200 mm (620 Kg).

⇒ **TANK / VESSEL**

- 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 2008: **PRISMA 09C3** inline checkweigher for shipping/display cartons and similar articles, weight range up to 26.88kg. Year 1998
- Ref2009: **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.
- Ref. 1257B: **MANESTY TD25** Industrial vacuum cleaner in stainless steel
- Ref. 1740: **BERNAY AUTOMATION** Spoon feeder, 150 strokes/min max output
- 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 2580: **SEIDENADER** syringe feed system, Product : syringe of de 5 ml with diam 10,35 x 120 mm long, required output : 60 syringes / min, comprising : a DIET ROLLWA flighted belt elevator type ESG150/120KF of 1998, stainless steel, fitted with a white rubber flighted belt 150 mm wide, Hopper 520x780 mm fitted with a half hinged acrylic cover. Hopper 600 mm deep tapering at base to meet elevator belt, Discharge height 1300 mm, overall dimensions 1600x520x1900 mm high, a vibratory bowl feeder of 2007 in stainless steel, 600 mm diameter, insulated and clad in stainless steel, Fitted with a hinged acrylic cover with inlet in top; syringe level control for feed on demand control to elevator, Designed to orientate syringes vertically onto support rails and transfer onto the infeed of the Sortec side belt elevator, a sortec side belt elevator of 2007 in stainless steel and anodised aluminium construction, fitted with side driven belts, variable speed, precision width adjustment for different syringe diameters, Designed to elevate syringes in a vertical position and feed them onto the infeed support rails of the Rollerway Conveyor, a rollerway conveyor of 2007, stainless steel and anodised aluminium construction, fitted with rotating hard chrome rollers, variable speed, precision width adjustment for different syringe diameters, Designed to convey syringes in a vertical position and feed them into the Indexing Feeder, a indexing feeder mounted on the discharge of the rollerway conveyor, starwheel vertically mounted driven by a stepper motor, PLC controlled with index sensor linked to cartoner index, Designed to control feed individual syringes into carton bucket, design speed 80 syringes/min., a control panel Stainless steel enclosure mounted on a stand at operator height, containing PLC and operator HMI.
- 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.
- 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 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 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 .
- Ref 2407: **SYBERMAT** Comprising : a machine to remove syringe of NEST before entry in labeller, a machine to put syringes in NEST for transfer to Blister packer , a machine to remove syringe of NEST before entry in blister packer
- Ref 2408 : **SYBERMAT** machine for syringe clips assembly, Space floor : 0.90x1.30x2.60 m (h) with vibrating bowl (diameter 1.25 m)
- Ref 2463:**HOF** freeze drier for small batches, 2-door, 5 shelves with a useable area of 0.6sq. m. Sterilisable, with stoppering. Siemens S5-95U PLC controller, year 1992.
- Ref 2515: **SEPHA PRESS-OUT** standard automatic deblistering machine. Mounted on a stainless steel, mobile stand. Up to 60 blister packs per minute. 240V/1ph/50Hz., Serial No. 0052Z
- Ref 2490: **USIFROID SMH 100** freeze drier , Double door, 1992, stainless steel chamber dimensions Ø 792 x 1050 mm, volume 640 litres, fitted with 3 shelves, shelf capacity total 1.5m², stoppering by hydraulic cylinder. Refrigerant R404A. Sterilisation 126 deg C at 1.2 bar, Services: Electrical 415v 3 ph 50Hz, 50 kW; control panel 24 & 220v., SYRIUS Control System, The Syrius programme is menu driven from a series of pull down fields and is supported by help screens throughout. The system controls all operations of the machine in automatic or semi-automatic modes. The programme is also designed to operate in simulation mode providing a familiarisation and training tool. Year of manufacture 1992.

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