EQUIPMENT LIST
AUGUST 2026

Enquiries: JF@JGEquip.net

Article I. Preparation of sterile solutions

01-01. **TECNINOX, 2003**. Formulation suite. Consists of: 2 x 6000L preparation tanks with jacket and stirrer and 2 x 6000L jacketed storage tanks.
01-02. **BOCCARD, 2006.** Mixing tank with jacket and magnetic stirrer GMP1000 NOVASEPTIC. Volume 750 L.
01-03. **MAVAG (Germany), 1999**. Preparation tanks with jacket and magnetic stirrer. Vol. 920 L.
01-04. **MAVAG (Germany), 1999**. Preparation tanks with jacket and magnetic stirrer. Vol. 1340 L.
01-05. **DIESSEL, 2001**. Preparation tanks with jacket and magnetic stirrer. Volume 280 L.
01-06. **APV GAULIN 528 MC4 – 3TPS, 2000.** High pressure homogeniser.
01-07. **RAFF & GRUND, 2021.** Preparation tanks with jacket and magnetic stirrer. Vol. 80 L. Unused.
01-08. **REMOIN (ITALY), 2017.** Mixing tanks with jacket and magnetic stirrer. Working volume 30 L. New and never used. (Ref. 1489).
01-09. **REMOIN (ITALY), 2017.** Storage vessel with jacket. Working volume 30 L. New and never used. (Ref. 1490).
01-010. **REMOIN (ITALY), 2017.** Mixing tank with jacket and magnetic stirrer. Working volume 50 L. New and never used. (Ref. 1503).
01-011. **REMOIN (ITALY), 2017.** Mixing tank with jacket and top driven half frame mixer. Working volume 150 L. New and never used. (Ref. 1504).
01-012. **REMOIN (ITALY), 2017.** Mixing tank with jacket and top driven half frame mixer. Working volume 250 L. New and never used. (Ref. 1492).
01-013. **REMOIN (ITALY), 2017.** Mixing tank with jacket and magnetic stirrer. Working volume 350 L. New and never used. (Ref. 1494)
01-014. **REMOIN (ITALY), 2017.** Mixing tanks with jacket and magnetic stirrer. Working volume 800 L. New and never used. (Ref. 1500).
01-015. **4 X REMOIN (ITALY), 2017.** Storage tanks with jacket. Working volume 800 L. New and never used. (Ref. 1498, 1499, 1501, 1502).

Article II. Washing/Cleaning machines

02-01. **IMA ATLANTIS, 2022.** Bin washer. For IBC containers.
02-02. **BOSCH RNR L02, 1986.** Washing machine for 10 and 20 ml vials. Speed 3,600 /hr.
02-03. **BELIMED PH820-V-2ST, 2003.** Washing and sterilising machine for instruments**.** Chamber volume 503 L. Pharma execution. Double door.
02-04. **GETINGE GEWP 888-1, 2015.** Washing and sterilising machine for instruments**.** Chamber volume 500 L. Pharma execution. Single door.
02-05. **UNIMAC (USA) LAUNDRY SYSTEM, 2017.** Consists of: **4 x UNIMAC UH180, 2017,** high spin barrier washing machines for personnel clothing, **4 x UNIMAC ERD 45** dryers, UNIMAC I 25 – 120 chest heated iron and steriliser for the clothing **MMM SELECTOMAT PL 969 – 2 H**, volume 560 L. Installed, but never used.

Article III. Sterilisation Equipment

03-01. **2 x FEDEGARI FOW8, 2022.** Superheated water sterilizer with fully automatic infeed and outfeed with **TECHNOWRAPP** 8 hr buffering conveyor system. Volume 16 m3 each.
03-02. **SAUTER 15-6-9 HS2, 1999.** Steriliser for solid and liquid materials in open and closed containers, chamber volume 860 L.
03-03. **BELIMED LST 9-9-9 HS2, 2014**. Pure steam steriliser for materials and open and closed containers, volume 1260 L.
03-04. **BELIMED PST 13-9-10 HS1, 2017**. Pure steam steriliser for materials and closed containers, volume 1200 L, single door. UNUSED.
03-05. **MEMMERT UF750 TS, 2021**. Dry air universal oven, max temp +300C. Chamber volume 750 L.
03-06. **2 x GETINGE GE 6612 AR-2, 1989.** Pure steam steriliser for materials and closed containers, volume 545 L, double door.

Article IV. Filling of sterile solutions

04-01. **SYNTEGON (BOSCH) VIAL FILLING LINE, 2023.** The line consists of: washing machine **RRN 3085 V**, depyrogenation tunnel **HQL 8120 S,** filling and stoppering machine with oRABS

ALF 5080, crimping machine **VRK 4120 B.** Max speed 24,000 pcs/hr. Available format parts for 10R vials (performance 335 pcs/min). UNUSED.

04-02. **BOSCH VIAL FILLING LINE, 2002.** The line consists of: washing machine **RRU3043**, depyrogenation tunnel **HQL 2240,** filling and stoppering machine with oRABS **FLP 3040**, crimping machine **VRK2005B.** Max speed 12,000 pcs/hr. Available format parts for 2R vials.

04-03. **RYCHIGER Z-810, 2020.** Nested vials/prefilled syringes filling machine with crimp station. Speed up to 160 pcs/min. UNUSED.

04-04. **OPTIMA VIAL FILLING LINE UNDER ISOLATOR, 2021.** The line consists of: **OPTIMA INOVA WRM 180**0 washing machine, **OPTIMA INOVA SHT 3 SKZ** sterilisation tunnel, **OPTIMA INOVA VFVM18000** vial filling and stoppering machine, **M + P ISOLATOR** for the filling machine, **OPTIMA INOVA VVM2428** crimping machine. Available format parts for 2R, 6R and 10R vials. Max speed 18,000 pcs/hr. Never used.

04-05. **BAUSCH NESTED FILLING MACHINE UNDER cRABS FOR SYRINGES AND VIALS, 2024.** Format parts for 1, 5 and 10 ml syringes with the speed of 50 containers/min, 2R, 6R, 10R and 20R vials with the speed up to 30 containers/min. UNUSED.

04-06. **BOSCH AMPOULE FILLING LINE, 2003**. The line consists of: washing machine **RRU3053**, sterilisation tunnel **HQL 2220,** filling and sealing machine **BOSCH ALF4060** for 1 ml ampoules. Speed 18,000 pcs/hr. In addition labelling machine **Bosch ERS 2010** and packing machine into cartons **Bosch CUK 1060A**.

04-07. **MARCHESINI CORIMA RSF3, 2019**. Ampoule filling machine for closed 1, 2 and 5 ml ampoules, speed 9000 pcs/hr. 78 working hours.

04-08. **PLUMAT FLP 852, 2009.** Filling and sealing line for pre-formed IV bags with one port. Formats for 100, 200 and 300 ml. Capacity 50 pcs/min.

04-09. **BAUSCH + STROEBEL FFV8024, 1994.** Filling and sealing machine for 6 ml vials**.** Speed 18,000 pcs/hr.

04-010. **ROMMELAG BOTTELPACK 3012, 1990.** Blow fill seal unit for IV bags of 125 and 250 ml.

04-011. **FILLING AND PACKAGING LINE FOR IV BAGS UNDER ISOLATOR.** Consists of: **BAUSCH ADVANCED 526, 2020,** filling machine for IV bags, **FARMORES PRIMA K7, 2019,** thermoforming and blister packing machine, **FARMORES** robot for placing packages into blister packs, **TELSTAR** laminar modules**, HOPPEMANN** process automation installation. Formats for 125 and 250 ml PP bags.

04-012. **GRONINGER NESTED FILLING LINE UNDER ISOLATOR FOR SYRINGES, 2013.** Consists of: filling machine **Groninger DFVN2005,** isolator**,** visual inspection **Seidenader V90-AVSB/60LR.** Format parts for prefilled syringes 1ml, 2ml, 2.25ml and 3ml. Speed max 4,900 pcs/hr.

04-013. **STERILINE VIAL FILLING LINE UNDER ISOLATOR, 2013.** The line consists of: washing machine **RA-V**, sterilisation tunnel **STO,** filling and sealing machine **VFM50** with CIP-SIP, crimping machine **VCM50** for all vial sizes with Flip-off 5115 cap, tray loader **TL1**, decontamination unit **EDM-C.** Speed max 3,000 pcs/hr. Supplied with a packing line shared with Groninger PFS syringe line.

04-014. **TOFFLON VIAL FILLING LINE, 2021.** The line consists of: washing machine **FW03120**, depyrogenation tunnel **FT0140,** filling and stoppering machine with oRABS **FF0216**, crimping machine **FC0240,** coding/tray loader **FIJ0102**, automatic inspection machine **TIVS – L40**. Format parts for 6R and 10R vials. Speed 400 psc/min. With oRABS.

04-015. **BAUSCH + STROEBEL SYRINGE FILLING LINE UNDER ISOLATOR, 2003.** The line consists of: **B+S SAM 8061** syringe unloading from the trays, **B+S SWS 1071** syringe washing and siliconization, **B+S QTS 1245** syringe transport systems, **B+S DHT 5732** Sterilisation tunnel, **B+S SFM 5101** Syringe filling machine, **Metal+Plastic RRI 13611** isolator. Supplied with CIP SIP system. Format parts for syringes diam 10.85 mm. Speed 18,000 pcs/hr.

04-016. **GRONINGER ASVK600, 2008 WASHING MACHINE & GRONINGER STH2154, 2008 STERILISATION TUNNEL FOR VIALS.** Format part for 3 ml vial with diameter 14,25 mm, speed 300 vials/ min.

Article V. Powder Dosing / Freeze drying

05-01. **BOSCH AFG5026, 2017.** Powder microdosing machine for vials, speed 400 pcs/hr. Format parts for 20 and 100 ml vials. UNUSED in original crate.

05-02. **ROMACO MACRODOSING LINE, 2012**. The line consists of: **MACOFAR TB12** bottle blower, **MACOFAR MT6** powder microdosing machine, **MACOFAR MVS150** capping

machine with **E/15 AG** application of measuring cup and **Z046LE1** outside washing machine. Speed 6,000 pcs/hr. Available format part for the vials of diameter of 49 mm.

05-03. **GEA LYOPHIL SMART LYO, 2013.** Freeze dryer with stoppering and pizza door, CIP-SIP, total shelves area 8,9 sq m. with inbuild **PAT LYOPLUS** mass spectrometer. Supplied with LF loading trolley. Very little use.

05-04. **CRIOFARMA C400 – 11S, 2020 (NEW).** Freeze dryer with stoppering, CIP and SIP 123C, total shelves area 20 sq m. Possibility to change to a pizza door design.

05-05. **CRIOFARMA (TERRUZZI), 1991**. Freeze dryer with stoppering, CIP and SIP 123C, total shelves area 12 sq m. New control cabinet installed in 2016. Supplied reconditioned.

05-06. **CRIOFARMA.** Lab freeze dryer with stoppering, total shelves area 0,5 sq m. Supplied reconditioned.

05-07. **CRIOFARMA.** Laboratory freeze dryer with stoppering, total shelves area 3,7 sq m. Supplied reconditioned.

Article VI. Stoppering, labelling and packing of ampoules and vials

06-01. **GERHARD SCHUBERT TLM, 2010.** Fully automated line to form cartons and pack vials into the formed carton. Format parts for vials 2R, 4R, 6R, 10R and 15R which can be packed by 1, 2, 3, 5, 10, 15, 50 vials per carton. Speed for 10 x 10R vials – 24,000 pcs/hr, speed for 1 x 10R vial – 6,000 pcs/hr. 9 TLM robots. Approx 210 working hours.

06-02. **KLOCKNER CP3, 2002.** Blister packer for syringes. Deep draw. Max speed 300 blist/min.

06-03. **PACKING LINE FOR VIALS, 2007.** Consists of: **BAUSCH + STROEBEL ESA1025** labeller, **DIVIDELLA NEOTOP 804** vial cartoner with monomaterial insert and **PESTER PEWO PACK Compact 250**, **2008,** Bundler. In production till September 2026.

06-04. **BAUSCH + STROEBEL ESA1025, 2007.** Labelling machines for 1, 2, 5 and 10 ml ampoules and 10 ml vials, speed 24,000 pcs/hr.

06-05. **IMA X1, 2017.** Cartoner for vials. Packed 10 vials per carton. Speed up to 140 pcs/min.

06-06. **BLISTER PACKING LINE FOR SYRINGES.** Consists of: **GRONINGER 2018, 2003** syringe labeller and plunger inserter, **CAM M92, 2003** blister packer**,** cartoner, checkweigher **GARVENS S2, 1999**, labelling machine **MARCHESINI NERI BL400 V TT, 2011,** bundling machine **MARCHESINI MULTIPACK F79/S, 2003** and **MARCHESINI PS500, 2003** case packer.

06-07. **IMA LIBRA SENSITIVE AV, 1995**. Labelling machine for ampoules of 1, 2, 5 and 10 ml. Speed 400 pcs/min.

06-08. **UHLMANN UPS2 +C100, 1988**. Blister packing line for ampoules. Format parts for 1, 2, 5 and 10 ml ampoules.

06-09. **PACKING LINE FOR VIALS, 2021**. Consists of: **HERMA 132M HC, 2021**, vial labeller for wrap around labels, **HARRO + HÖFLIGER** automatic system to feed 5 x 2 vials into the carton insert, **RONTECH** automatic feeder for pre-folded leaflets, **HARRO + HÖFLIGER MKT 120 S**, **2021**, cartoner, **METTLER TOLEDO,** Track & Trace system.

06-010. **MAR M12 8TA 2014**. Crimping machine for vials, speed 12,000/hr, vials diam 16 and 24 mm.

06-011. **GRONINGER KVK 108, 2005**. Screw capping machine. Speed up to 18,000 pcs/hr for small vials.

06-012. **CAM PMX/01, 2011**. Cartoning machine for 100 ml vials, speed from 25 to 150 cycles/min.

06-013. **CAM NMX/F, 2012.** Blister packing line for 5 x 5 ml ampoules, speed 60 cycles/min.

06-014. **CAM NCX, 2012.** Cartoning machine to pack 10 x 10 ml vials, speed 50 cycles/min.

06-015. **OCS, 2008.** Checkweigher for bottles, max weight 750 g.

Article VII. Inspection equipment

07-01. **MARCHESINI CMP SA18 L, 2015.** Automatic Inspection machine for lyophilised product with oxygen test. Formats for 2 ml, 5 ml, 10 ml, 12 ml, 20 ml, 20H ml. Max speed 18,000 pcs/hr.

07-02. **BOSCH KLD1042, 2000.** Automatic leak detection machine for 1, 2, 5 and 10 ml ampoules. Speed 24,000 pcs/hr.

07-03. **INSPECTION AND LABELLING LINE FOR SYRINGES**. Consists of: syringe infeed system **ARTEMIS, 2006**, syringe conveyor **APA, 2008,** semi-automatic inspection machine for syringes **SEIDENADER V90-AVSB/60 RL**, **2002**, labeller for syringes **NEWMAN NVS2, 2006**, Plastcomb alternative unloading system for syringes **SYBERMAT, 2006**. Speed: up to 100 pcs/min, syringe diam 10-11 mm.

07-04. **2 x SEIDENADER V90-AVSB/60 LR, 2005 and 2006**. Semi-automatic inspection machines for vials with liquid. Available in June 2026.

07-05. **4 x SEIDENADER V90-AVSB/60, 2006.** Semi-automatic inspection machine for vials with lyophilised product. Available in September 2026.
07-06. **EISAI AIM288/T, 1998**. Particle inspection machine for 5 ml DIN and 10 ml DIN ampoules.
07-07. **BOSCH KLD 1042, 2001.** Automatic leak detection machine for formats 1ml ROCHE/DIN and 2ml ROCHE/DIN. In production until March 2026.
07-08. **EISAI AIM288, 1989.** Inspection machine for particles for formats 1 ml ROCHE/DIN and 2 ml ROCHE/DIN. In production until March 2026.
07-09. **NIKKA DENSOK HDB-II (HDB7062), 1989.** Automatic leak detection machine for 1 ml ROCHE/DIN and 2 ml ROCHE/DIN. In production until March 2025.
07-010. **OPTREL PWL – LVP, 2019.** Semi-automatic inspection machine for 50 – 100 ml vials, speed max 100 pcs/min.
07-011. **STEVANATO GROUP SPAMI EXACTA EASY-LKD, 2014**. Automatic particle inspection machine for 2 ml ampoules. Speed 24,000 pcs/hr. LKD leak detection block is not operational.
07-012. **STEVANATO GROUP SPAMI EXACTA EASY-LKD, 2014**. Automatic particle inspection machine for 5 and 10 ml ampoules. Speed 21,000 pcs/hr for 5 ml. LKD leak detection block is not operational.
07-013. **GF LYNX 150, 2015 (upgrade 2023).** Automatic particle inspection machine for 50 and 100 ml vials. Speed 7,200 pcs/hr.
07-014. **OPTREL MCA1000, 2015.** Automatic inspection machine for 100 ml vials. Speed 15,000 pcs/hr.
07-015. **EISAI AIM 5023V, 2021.** Automatic inspection machine for liquid and lyophilised product, for 2R vials, speed 18,000 pcs/hr. UNUSED.

Article VIII. WFI preparation / Clean Steam generators

08-01 **STILMAS PSG 750 DTS, 2002.** Pure steam generator, capacity 750 kg/hr, steam pressure @8 Bar.
08-02 **STILMAS MS304S + PSG 300 DTS, 199.** WFI preparation + clean steam generator, capacity 300 kg/hr, steam pressure @ 3 Bar. UNUSED.
08-03 **FINN AQUA 500-S-1, 2012**. Pure steam generator, capacity 500 kg/hr, steam pressure @6 Bar.
08-04 **BWT OSMOTRON Pro 750 WFI-2S-RFR, 2023.** Cold water WFI preparation.

Article IX. Processing Equipment

09-01. **LB BOHLE LM40, 2022.** Powder blender with 1 off 40 L container. Max lifting weight 100 kg. UNUSED.
09-02. **FREWITT, MF6, 2004.** Oscillating granulator. UNUSED.
09-03. **GEA GRANULATION SUITE. GEA PMA800, 2002,** mixer – granulator 800 L with vacuum loading, **GEA AEROMATIC S7, 1990** fluid bed dryer with two bowls and turning cone. Available in 2026.
09-04. **GEA GRANULATION SUITE.** Consists of: **GEA PMA800, 1990,** mixer – granulator and **GEA AEROMATIC S7, 1990** fluid bed dryer with two bowls and turning cone. Available in 2026.
09-05. **GEA PMA800, 1998.** Mixer – granulator, 800 L. Available in 2026.
09-06. **GEA NICA S700 Twin, 2006.** Spheronizer, capacity 2 – 10 kg.

Article X. Tablet presses

10-01. **2 x FETTE P2100, 1992.** Tablet presses for round and shaped tablets. Both EU 19 B Type, max tablet diameter 19 mm, 36 stations, capacity 216,000 pcs/hr. Both are equipped with Data Control, Gratex tablet deduster, Chamunda metal detector and Checkmaster tablet IPC Tester.
10-02. **FETTE 2090i, 2004**. 43 stations, tablet diam. 13 mm, capacity 309,600 pcs/hr. Available in 2026.
10-03. **FETTE 2090i, 2004**. 36 stations, tablet diam. 16 mm, capacity 259,200 pcs/hr. Available in 2026.
10-04. **FETTE 2090i, 2002**. 30 stations, tablet diam. 25 mm, capacity 180,000 pcs/hr. Available in 2027.
10-05. **PRODITEC INSPECTAB 100C, 2018.** Tablet inspection unit. Speed up to 100,000 tabl/hr.
10-06. **RONCHI AR 18/23, revised 2018 by Tecnofarma.** Tablet press, 18 stations – max diam. 25 mm, 23 stations – max diam. 16 mm. Max speed 80,000 pcs/hr.
10-07. **IMA COMPRIMA 150, 2002.** Tablet diam. from 5 to 16 mm, capacity 150,000 pcs/hr.
10-08. **FETTE P1200, 2001.** 30 stations, tablet diameter 25 mm, capacity 180,000 pcs/hr.
10-09. **2 x FETTE P2100, 1995.** 29 stations, tablet diameter 25 mm, capacity 180,000 pcs/hr. Refurbished in 2012 by ACSR.
10-010. **KORSCH XL100, 2000.** 10 stations, tablet diameter 16 mm, capacity 72,000 pcs/hr.

10-011. **KILIAN S250, 1998.** 26 stations, tablet diameter 25 mm, EU-D, capacity 156,000 pcs/hr.
10-012. **IMA COMPRIMA 150, 1998**. 18 stations, tablet diameter 16 mm, capacity max 150,000 pcs/hr.

Article XI. Coating equipment

11-01. **GLATT GC1750, 2000.** Coating system, batch volume up to 700 L. Available in 2029.
11-02. **GLATT GC-500, 2007.** Coating system, batch volume up to 500 L.
11-03. **IMA GS HT 600,** Sugar coating machine.

Article XII. Capsule filling machines

12-01. **IMA MATIC 150, 2014.** Capsule filling machine under isolator, speed 150,000 pcs/hr, change parts for size 3. For powder.
12-02. **2 x TECHNOPHAR SGM610, 2003 and 2005.** Soft gels manufacturing lines with tumble dryers and drying trays. Used to manufacture paint balls. Pharma/food execution.
12-03. **MG2 G140, 2008 (refurbished in 2023).** For powder. Capacity up to 140,000 pcs/hr, change parts for sizes 1.
12-04. **MG2 AlternA70, 2015.** For powder. Capacity up to 70,000 pcs/hr, change parts for sizes 00.
12-05. **ROMACO MACOFAR CD60, 2000.** For powder. Capacity up to 60,000 pcs/hr, change parts for sizes 2, 3, 4 and incomplete 0.

Article XIII. Packing of tablets and capsules

13-01. **UHLMANN BLISTER PACKING LINE.** Consists of: blister packer **Uhlmann UPS1040, 1999,** cartoner **Uhlmann C2304, 1999,** checkweigher **Mettler Toledo Garvens S2, 2006,** bundling machine **Pester Pewo Compact 250, 2006,** case packer **Pester UVP 3, 2006.** Max speed 600 blist/min.
13-02. **UHLMANN BLISTER INTO WALLET PACKING LINE.** Consists of: blister packer **UHLMANN UPS1040, 1999,** wallet forming +blister inserting machine **HARRO HÖFLIGER MKT-120-SL, 2009,** cartoner **HARRO HÖFLIGER WM, 2006,** transport system **DECKERT DVE 100, 2015,** bundling machine **PESTER PEWO COMPACT 250, 2006,** case packer **PESTER UVP 3, 2006,** Transport system incl. T&T **DECKERT WENDEEINRICHTUNG, 2012,** Labelling unit **PAGO SYSTEM 202, 2005..** Max speed 600 blist/min.
13-03. **HEINO ILSEMANN BLISTER PACKING LINE BLICA600, 2016.** Consists of: drum lifting column, blister packer **HEINO ILSEMANN BMP250**, cartoner **HEINO ILSEMANN CMP 100S**, checkweigher **METTLER TOLEDO GARVENS**, tamper evident machine **INEL PV-4-IN-ONE**, bundling machine **MARCHESINI FA04** and case packer **MARCHESINI BESTPOCKET**. Max speed 600 blist/min and 300-400 cartons/min.
13-04. **UHLMANN BLISTER PACKING LINE, 2012.** Consists of: **AOG PRO120** lifting column, blister packer **UHLMANN UPS1060J**, cartoner **UHLMANN C2304**, checkweigher **WIPOTEC HC-M-2000-2**, aggregation **VIDEOJET VJ9550** and case packer **IMA CP28**. Max speed 600 blist/min.
13-05. **UHLMANN C2205, 2006.** Cartoning machine for blisters, capacity 250 cartons/min.
13-06. **UHLMANN UPS1040, 1996.** Blister packer for tablet and capsules. Capacity up to 600 blist/min.
13-07. **SWIFTPACK TABLET COUNTING AND PACKING LINE.** The line consists of: tablet and capsule counter **SWIFTPACK B12P3PTS, 1999**, capper **ZALKIN CA9PM, 1995**, labeller **HERMA H362M, 2001**.
13-08. **TABLET COUNTING LINE.** The line consists of **MECAFORMATOS-HERYVAL (SPAIN), 2104** bottle orientating machine, **MECAFORMATOS-HERYVAL (SPAIN), 2014** counter, **KING** Capper, **GERMARK** Labeller, **CAM PMM 006** Cartoner. The line in production till 3Q 2023.
13-09. **GORDIC F120, 1995 (2001) EFFERVESCENT TABLETS FILLER.** Fully refurbished in 2001. Format parts for tablets of diam. 21, 23, 24 and 26,5 mm.
13-010. **REALjet / LAETUS Code reader, 2012.** Code applicator and code reader.
13-011. **DOMINO A200, 2003.** Ink jet printer.
13-012. **PESTER PEWO PACK 250 Compact, 2008.** Bundling machine.
13-013. **PESTER PEWO-FORM SLP2K E-11, 2010.** Case packer and palletiser for EU pallets.

13-014. **MEDISEAL KLOECKNER BLISTER LINE, 2004.** Consists of: **MEDISEAL CP2** blister packer and cartoning machine **MEDISEAL P1500**. Capacity max 60 cycles/min, 150 cartons/min. For PVC/Alu and Alu/Alu blisters. Used for an R&D project, very little use.
13-015. **IMA CP18, 2004.** Case packer. Speed 10 cases/min. Tape closure.
13-016. **UHLMANN UPS1030 MTI, 2000**. Supplied with **VisioChrome** camera**, 2011**. Speed up to 600 bl/min.
13-017. **IMA C96 A96, 2008**. PVC/Alu and Alu/Alu, locked capacity 600 pcs/min. In production till December 2026. Excellent condition.
13-018. **GARVENS XE2, 2010**. Dynamic checkweigher, weighing range from 7 to 300 gr.
13-019. **ROMACO PROMATIC P91, 2006.** Cartoner for blisters, speed 100 pcs/min.
13-020. **BOSCH DATAMATRIX,** Vision control and data printing on the cartons.
13-021. **MARCHESINI BLISTER PACKING LINE, 1996.** Consists of: blister packer **MARCHESINI MB421** and cartoning machine **MARCHESINI MA120, 1996**.
13-022. **3 x GARVENS S2, 2001, 2x2005**. Dynamic checkweigher, weighing range from 7 to 300 gr.
13-023. **DATA MATRIX AVERY DENNISON, 2008**. Labelling machine for top of the carton.
13-024. **IMA PRECISA PA12, 2003.** Checkweigher with formats parts for 0, 1, 2 and 3 capsules. Requires new weighing bloc. Available for spare parts.
13-025. **CAM PMM/08, 2000**. Cartoning machine for blisters, speed from 25 to 140 cycles/min.
13-026. **IMA C95 A95, 1998**. Blister packer - cartoner for PVC/Alu, PP/PVC/ Paper and Alu/Alu. Max speed 700 blist/min, 350 cartons/min.
13-027. **UHLMANN B1240, 2021**. Blister packer, speed 250 pcs/min. Max depth 24 mm. Formats for blisters with capsules, blisters with tablets and a blister with vial/ampoule. **UNUSED.**
13-028. **WIPOTEC – OSC HC, 2018.** Automatic checkweigher, max weight 100 gr.
13-029. **GUK RS21 880-2 with Rotanotice, 2007.** Leaflet folder
13-030. **TABLET COUNTING LINE, 2003. The line consists of: 2** × Swiftpack SPC B8P/3DUPLEX counting machines, dessicant inserter, **Marchesini ML657** cap inserter, **Neri SL200** labeller, and **Marchesini MA155** cartoner. Speed: up to 120 pcs/min. For containers of 30 ml, 50 ml, 75 ml, 100 ml.
13-031. **IMA C80/A81, 2000.** Blister packer - cartoner for PVC/Alu blisters. Max speed 400 blist/min, 250 cartons/min.
13-032. **CARIBA C222, 2016**. Cartoning machine for blisters. Speed up to 90 pcs/min.
13-033. **UHLMANN B1330, 2021**. Blister packer PVC/Alu and Alu/Alu blisters, speed 300 pcs/min. Max depth 12 mm. 471 working hours.

Article XIV. Sachet filling / Suppository filling / Syrup filling

14-01. **POWDER MIXING AND MEDISEAL SACHET FILLING LINE, 2010.** The line consists of: Matcon IBC mixer, double cone powder blender, powder calibrator, vacuum transfer, sachet filling machine **MEDISEAL KLOECKNER LA500** and **MEDISEAL P1600** cartoner. Max speed 600 sachet/min.
14-02. **MARCHESINI MS235, 1998 (2020).** Sachet filling machine for powder. Fully reconditioned by Marchesini in 2020. Sachet length 60 mm - 150 mm, sachet width: min. 25 mm. 75 cycles/min.
14-03. **MARCHESINI BA100, 2005.** Cartoner used to pack suppository strips, speed 60 pcs/min.
14-04. **SARONG SAAS 9 AP, 2007.** Suppository preparation and filling line. Consists of preparation vessel Becomix, 2 off holding vessels and suppository filling and cooling machine SARONG. Speed up to 9,000 pcs/hr.
14-05. **MARCHESINI MST450,** Strip machine.
14-06. **MARCHESINI MA252,** Cartoning machine.
14-07. **2 off HAPA H 226 C,** Inline pharmaceutical blister foil printer.
14-08. **IMA ZANCHETTA HERCULES MIDI**, Pharmaceutical column lifter for bins and IBCs
14-01. **INSPECTAB 100 CA524,** Automatic tablet inspection and sorting machine.

Article XV. Processing and packing of creams / ointments.

15-01. **AXOMATIC AXO700**, **2006.** Tube filling machine for alu tubes. Manual entering and orienting of the tubes, speed max 40 pcs/min.
15-02. **COMADIS C130, 2000.** Tube filler for alu and laminate tubes. Formats for tube diam. 17, 19, 22 mm (30 gr), 25 mm, 25,5 mm, 30,5 mm (50gr), 35 mm, 35 mm, 35,3 mm (100 gr), 35,5mm and 39 mm. Speed 60 tubes/min.
15-03. **URLINSKI (POLAND), MZUTKL 20CCF, 2018.** Mixer – homogeniser, volume 20L, frame mixer with side scrapers.

15-04. **URLINSKI (POLAND), MZUTL 80F-Ex, 2006.** Mixer – homogeniser, volume 80L, frame mixer with side scrapers, Ex-proof.
15-05. **URLINSKI (POLAND), MZUTL 200F-Ex, 2006.** Mixer – homogeniser, volume 200L, frame mixer.
15-06. **URLINSKI (POLAND), MGC 80FG, 2006.** Melting tank, max volume 120L, frame mixer with circulation pump.
15-07. **URLINSKI (POLAND), ZB 200F, 2006.** Storage tanks, volume 200L.
15-08. **COMADIS C970, 2006**. Tube filler for alu tubes. Formats for tube diam. 19 and 25 mm, speed 60 pcs/min. Can be supplied with **IMA K150, 2006** cartoner for tubes.
15-09. **COTUPLAS RS4264, 2015**. Tube filler for plastic tubes. Speed up to 13,200 pcs/hr. Format part for tubes with diam. 13,2 mm.

Article XVI. Miscellaneous Equipment

16-01. **3 X RBP BAUER D3600, 2010, 2013, 2016.** De-blistering units.
16-02. **2 X SEPHA PRESS-OUT STANDARD, 2005 AND 2007.** De-blistering units.
16-03. **LASAIR II 5100, 2002. PARTICLE MEASURING SYSTEMS.** Particle counter.
16-04. **FARCON FB320, 2009** Blister packer for liquid filling. Format parts for veterinary pipette including filling machine SPC. (Used for pet flea product).
16-05. **MERC MILLIPORE INTEGRITEST 5, 2022.** Fully automated instrument for verification of the integrity of filters or processing equipment.
16-06. **79 x PHCB MDF-DU702VH-PE, 2022.** Ultra-low temperature freezers, range from -50°C to -90°C.

***Highlighted in blue** – newly added equipment*

The list is just a selection of the equipment we currently have for sale.

Should you require additional information or do not see the machine you are looking for, please contact us direct with your enquiry:

jf@jgequip.net | +44 7979 717770