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## USED EQUIPMENT STOCK REVIEW

SEPTEMBER 2010

### PHARMACEUTICAL PRODUCTION / PROCESSING: >

#### TABLET MANUFACTURING & PACKING

- 1A 2904 MANESTY model D4 20 station tablet press. Last used on vitamins products
- 1A 2905 MANESTY model D4 20 station tablet press. Last used on vitamins products
- 1A 3008 MANESTY model D4 20 station tablet press. In **MINT** hardly used condition. Rotary paddle Power feed system.
- 1A 2665 MANESTY lab size copper coating pan.
- 1A 2916 SKERMAN model stainless steel coating pan, (4ft dia) with heater unit attached.
- 1A 2912 KILIAN model RTS 20, 20 station tablet press, guarded, pre-compression roller, power feed system.
- 1A 3001 KILIAN model SP300 single punch tablet press, max 80 TPM; 18mm max tablet dia; all stainless, hardly used condition.
- 1A 2678 MANESTY D3A 16 station tablet press with full interlocked guarding with CASTELL key system.
- 1A 3007 MANESTY D3B 16 station tablet press, stainless steel.
- 1A 2722 MANESTY D3B 16 station. Machine was fully overhauled and is in superb condition, fully guarded. All stainless.
- 1A 2997 MANESTY BB4 35 station tablet press with fully interlocked guarding.
- 1A 2932 DT Industries "Swiftlift" automatic tablet/capsule elevator, all stainless.
- 1A 2901 DT SWIFTPACK 4 lane tablet counter/filler
- 1A 2831 KING TC8 8 lane tablet/ capsule counter / filler
- 1A 2980 MANESTY Accelacota 10 with air handling pack & exhaust filter + HEPA filter, spray head, control panel, electrical cabinet.
- 1A 2895 KRAEMER uphill type tablet deduster
- 1A 2817 MACOFAR type CD40 auto capsule filler, all stainless, set up with capsule size two format parts
- 1A 2936 MANESTY model TD 25 tablet de duster. All stainless. Adjustable pedestal. 240v 1 ph supply.
- 1A 2937 MANESTY model TD 25 tablet de duster. All stainless. Adjustable pedestal. 240v 1 ph supply.
- 1A 2728 MANESTY model TD 25 tablet de duster. All stainless. Adjustable pedestal. 240v 1 ph supply.
- 1A 2938 MANESTY model TD 25 tablet de duster. All stainless. Adjustable pedestal. 240v 1 ph supply.
- 1A 2907 MANESTY model TD 25 tablet de duster. All stainless. Adjustable pedestal. 240v 1 ph supply.
- 1A 2739 ROHRER & COLLINAG lab/development scale blister packer
- 1A 2207 GLATT model GCB 500 lab/development size tablet coater. 500mm dia mirror polished perforated drum. Supplied new 1997.
- 1A 2432 ERWEKA model ZT44 tablet disintegration tester.4 station water bath. Supplied new in year 2000.
- 1A 2692 ERWEKA 4 bath tablet dissolution tester
- 1A 2342 SAFELINE model PH2 tablet/capsule metal detector, mirror polished. Vertical feed with air reject system. 95 x 35mm aperture.
- 1A 2403 SAFELINE "Tablex" tablet/capsule metal detector, mirror polished. 75 x 45mm aperture
- 1A 2340 SAFELINE "Tablex" tablet/capsule metal detector, mirror polished. Standard format with reject system. 75 x 20mm aperture
- 1A 2484 SAFELINE "Tablex" tablet/capsule metal detector, mirror polished. Standard format with reject system. 75 x 20mm aperture.
- 1A 2702 SAFELINE "Tablex" tablet/capsule metal detector, mirror polished.
- 1A 2736 SAFELINE "Tablex" tablet/capsule metal detector, mirror polished
- 1A 2737 SAFELINE "Tablex" tablet/capsule metal detector, mirror polished
- 1A 2406 BAUER model D3600 semi automatic de blister machine for tablets and capsules. All stainless. YOM 2004.
- 1A 2407 BAUER model D3600 semi automatic de blister machine for tablets and capsules. All stainless. YOM 2004.
- 1A 2455 SEPHA "Pressout Standard" semi auto de blistering machine. All stainless.
- 1A 2437 SEPHA "Pressout" Manual" tablet capsule manual de-blister machine, bench top model
- 1A 2965 KRAEMER uphill type tablet deduster.
- 1A 2837 KING "Dispensa" bench top tablet/capsule counter
- 1A 3009 KING "Dispensa" bench top tablet/capsule counter
- 1A 3010 KING "Dispensa" bench top tablet/capsule counter
- 1A 2843 KING TB4 tablet/capsule counter in GMP quality, stainless steel finish.
- 1A 2839 KING TB4 tablet/capsule counter in GMP quality, stainless steel finish.
- 1A 2840 KING TB4 tablet/capsule counter in GMP quality, stainless steel finish.
- 1A 2911 KING TB4 tablet/capsule counter in GMP quality, stainless steel finish
- 1A 2899 KING TB4 tablet/capsule counter in GMP quality, stainless steel finish
- 1A 2339 KIRBY LESTER model KL 100 bench top electronic semi auto tablet counter. Like new.
- 1A 2216 MANESTY model TD25 tablet de duster in polished stainless steel on adjustable s/s pedestal. 240v 1ph. Variable speed.

- 1A 2989 CASBURT tablet deduster in stainless steel, 316 grade product contact surfaces, GMP construction.  
 1A 2990 CASBURT tablet deduster in stainless steel, 316 grade product contact surfaces, GMP construction.

### GRANULATORS AND MILLS

- 1B 2719 MANESTY Mk 4 ROTAGRAN oscillating granulator fitted with a dust extraction canopy.  
 1B 2504 GLATT cone mill, 4kw 2880 rpm Flp motor. Eight screens + two spare rotors included. Mobile.  
 1B 2384 COMIL model 194 S cone mill. 316 stainless. 2.2kw Flp motor. Safety interlocked. Excellent condition.  
 1B 2787 APEX Engineering model 114SSU-SF comminuting mill in 316 stainless steel , **UNUSED**

### MIXERS AND BLENDERS

- 1C 2717 ERWEKA "Universal Lab Mixer Blender". Bench top drive unit with attachments for various processes.  
 1C 2288 COLLETTE type MPH 450 change pan mixer, hydraulic raise. Flp electrics. Ex Pharmaceutical. 1988. Bowl 890 dia x 740mm deep.  
 1C 2788 APV lab/development size mixer-granulator with polished finish 316 grade stainless steel product contact parts.  
 64 litre bowl

### PROCESSING MACHINERY

- 1D 2299 GLATT "TR80 QUICKSIEVE". Polished finish 316 stainless.  
 1D 2679 GLATT "TR80 QUICKSIEVE". 316 stainless.  
 1D 2987 COLLETTE "Gral 600" mixer/granulator, two mobile product bowls.  
 1D 2970 EUROFILTEC stainless steel filter-dryer, 550mm dia platen, completely jacketed  
 1D 2761 ALEXANDERWERK model G1-100/160S compactor/ moist granulator, 500kg per hour  
 1D 2763 ALEXANDERWERK model AGM/R moist granulator, small scale/pilot plant  
 1D 2496 NICA MODEL S320 spheroniser  
 1D 2499 NICA model E140 extruder  
 1D 2756 CALEVA model 27 spheroniser, large scale production, all stainless steel, as new  
 1D 2760 CALEVA model 15 spheroniser, 316 stainless steel, extended bowl , mobile  
 1D 2310 HANNINGFIELD PROCESS SYSTEMS lump breaker. All stainless construction. Safety interlocked. On castors. **UNUSED**.  
 1D 2200 FUJI PAUDAL horizontal heavy duty extruder.

### OTHER EQUIPMENT

- 1E 2305 C I ELECTRONICS tablet checkweigher, bench top model in polished stainless. Complete with data printer.

### STAINLESS STEEL VESSELS

#### PROCESS VESSELS

- 2A 2954 7729 litre WEBSTERS vessel with scraped surface contra rotating mixer, full stainless 10.34 bar jacket  
 2A 2958 4545 litre WEBSTERS, 1 bar + full vacuum mixer with scraped surface agitation contra rotating, full stainless pressure jacket.  
 2A 2606 3100 litre SINCLAIR hemispherical vessel, scraped surface double motion mixer plus bottom homogeniser. Jacketed S/S.  
 2A 2792 3000 litre GIUSTI hemispherical process vessel, 4.4bar jacket, contra rotating scraped surface mixer, 2 x homogenisers  
 2A 1880 1500 litre BCH scraped surface over-mix vessel rated for pressure & vac. S/S jacket. Pneumatic open top cover. Polished  
 2A 1881 1500 litre BCH scraped surface over-mix vessel rated for pressure & vac. S/S jacket. Pneumatic open top cover. Polished  
 2A 2475 1275 litre scraped surface hemispherical mixing vessel with stainless steel heating jacket.  
 2A 2605 1200 litre SURMET hemispherical vessel, scraped surface double motion mixer plus bottom homogeniser. S/S jacketed.  
 2A 2800 1200 litre HAAGEN & RINAU "UNIMIX SRS 800" in Hastelloy C22, vacuum, jacketed, scraped wall + turbine blade agitation  
 2A 3050 GIUSTI 750ltr Cosmix, process vessel, 316 st.stl construction, full vac, jacketed, scraped wall and bottom entry homogeniser  
 2A 2799 1200 litre AURICH vessel in 316 grade stainless. Contra rotating scraped surface + turbine blade mixing action. Vacuum +jacketed  
 2A 2711 750 litre GIUSTI scraped surface vacuum vessel with under driven mixer with homogeniser and jacket  
 2A 2546 700 litre SINCLAIR hemispherical mixing vessel, vacuum + 4bar. Variable speed 1.5kw anchor mixer. 1992.  
 2A 2798 450 litre PSV vacuum mixer in C22 Hastelloy. Jacketed. Two stage turbine blade agitator. 675 litre gross volume.  
 2A 2798 675 litre PSV vacuum mixer in C22 Hastelloy. Jacketed. Two stage turbine blade agitator. Approx 450 litre working volume.  
 2A 2771 674 litre SURMET hemispherical contra rotating scraped surface mixer jacketed, bottom entry 4kw homogeniser.  
 2A 2772 674 litre SURMET hemispherical contra rotating scraped surface mixer jacketed, bottom entry 4kw homogenizer  
 2A 2991 400 Litre 316 stainless vessel, limpet coil jacketed, vacuum rated. LIGHTNIN agitator.  
 2A 2995 400 Litre 316 stainless vessel, limpet coil jacketed, vacuum rated. LIGHTNIN agitator.  
 2A 2781 400 litre SURMET MULTIMIX variable speed vacuum mixer jacketed, contra rotating scraped surface, 3kw base homogeniser.  
 2A 1020 350 litre WEBSTERS reaction vessel, mirror polished internally, stainless jacket, vac & pressure rated, FLP stirrer.  
 2A 2372 325 litre STAINLESS SERVICES LTD vessel, 316L. 1 bar + full vac. Limpet coil jacket 6 bar wp. LIGHTNIN mixer 1.5kw Flp  
 2A 2373 325 litre STAINLESS SERVICES LTD vessel, 316L. 1 bar + full vac. Limpet coil jacket 6 bar wp. LIGHTNIN mixer 1.5kw Flp  
 2A 2797 265 litre PSV vacuum mixer in 316L stainless. Jacketed. 4 x turbine style pitched blade agitator. Approx 200 litre working volume  
 2A 2968 245 litre GIUSTI scraped surface mixer with homogeniser, jacketed, bottom entry homogeniser, stainless control panel.  
 2A 2801 200 litre HAAGEN & RINAU model SRT200 Vacuum mixer/homogenizing vessel, jacketed, contra rotating scraped surface.  
 2A 1377 200 litre GMP quality pharmaceutical mixing vessel, dished ends, flanged top, stainless heating jacket, 3 blade YTRON mixer.

- 2A 2391 143 litres HAAGEN & RINAU 316 stainless vessel. 3 blade prop mixer. Stainless jacketed. Vacuum rated. Lapped external finish.
- 2A 2501 80 litre mirror polished vessel with 1.5kw 3 blade mixer. Stainless heating jacket,
- 2A 2967 75 litre GIUSTI with bottom driven scraped surface agitator, bottom entry homogeniser, jacketed, full feature stainless control panel.
- 2A 2969 50 litre HAAGEN & RINAU vacuum mixer "UNIMIX SRT 50" lab/pilot scale scraped surface contra rotating agitator + homogeniser
- 2A 2966 15 litre GIUSTI with bottom driven scraped surface agitator, top entry homogeniser, jacketed, full feature stainless control panel.

## **MIXING VESSELS**

- 2B 2956 8043 litres WEBSTERS 316 grade stainless 10 bar jacketed mixing vessel, turbine 4 blade type agitator, 2.5kw variable speed
- 2B 2955 7729 litres WEBSTERS 316 grade stainless mixing vessel, 10 bar stainless jacket, four x turbine blade mixer, 2.5kw.
- 2B 2957 6912 litres WEBSTERS 316 grade stainless mixing vessel, variable speed turbine blade agitator 2.5kw, 10.34 bar s/s jacket
- 2B 2959 3853 litres WEBSTERS 316 grade stainless mixing vessel 4 blade turbine type agitator 4kw, 100psi stainless jacket
- 2B 2961 2987 litres WEBSTERS 316 grade stainless mixing vessel, full vacuum, 2 stage 4 x turbine blade mixer, 5.5kw drive
- 2B 2960 1230 litres WEBSTERS 316 grade stainless mixing vessel, 3 blade marine propeller mixer 0.75kw 415v motor.
- 2B 2962 1094 litres WEBSTERS 316 grade stainless steel jacketed mixing vessel, 2 stage 3 blade marine propeller mixer,
- 2B 2226 1074 litre CHEMPLANT stainless mixing vessel. LIGHTNIN 2 stage A310 impellers. 40 psi stainless full jacket, lagged & clad.
- 2B 2318 1000 litre WINCANTON ENGINEERING mixing vessel, 316L stainless. 2 bar s/s jacket. 4 blade turbine mixer, Flp drive. 1997.
- 2B 2319 1000 litre WINCANTON ENGINEERING mixing vessel, 316L stainless. 2 bar s/s jacket. 4 blade turbine mixer, Flp drive. 1997.
- 2B 2347 850 litre 316 stainless pre mix vessel, full stainless jacket, top mounted Silverson homogeniser. Flat top, dished base. Ex Pharma.
- 2B 2770 750 litre NEW-WADE 55psi stainless steel jacket with LIGHTNIN air driven mixer, 3 blade impeller.
- 2B 2790 750 litre NEW-WADE 55psi stainless steel jacket with YTRON vortex mixer 2.2kw 2850rpm
- 2B 2791 750 litre NEW-WADE 55psi stainless steel jacket with YTRON vortex mixer 2.2kw 2850rpm
- 2B 2352 700 litre stainless steel vessel with LIGHTNIN top mixer. Mounted onto a stainless steel mobile base.
- 2B 2657 605 litre stainless steel vessel with hemispherical base. 900mm dia x 1100mm deep. Top centre SILVERSON 4kw 2820 rpm.
- 2B 1923 535 litre FAIRFIELD DALTON hemispherical scraped wall pan, 1m dia. Jacket rated 2.8 bar wp. 1.5kw 24 rpm agitator drive.
- 2B 2578 500 litre stainless steel vessel with s/s heating jacket and side clamped LIGHTNIN LD37 mixer, 0.37kw 415v. 940mm long shaft.
- 2B 1823 500 litre 316 stainless vessel, hemispherical base, 900 dia x 1m deep. Clamp on 2.2kw Flp mixer. 40 psi stainless jacket. On frame.
- 2B 2470 477 litre PERMA SAN polished finish stainless open top vessel with LIGHTNIN VIP25A air driven clamp on mixer fitted.
- 2B 1768 371 litre hemi pan, 770 dia x 930 deep, 50 dia outlet, 40 psi slim line S/S jacket, PREMIER type 8000 mixer 1 hp 2850 rpm
- 2B 2622 250 litre GIUSTI hemispherical jacketed premix vessel with top mounted PREMIER 2700M 0.55kw flameproof, 3 blade propeller
- 2B 1247 220 litre mirror polished mixing vessel, flat sloping base, dished top, incomplete SILVERSON "EX" homogeniser (needs a motor)
- 2B 1246 200 litre GMP quality pharmaceutical mixing vessel, dished ends, flanged top, 3 blade stirrer, sightglass, on legs.
- 2B 2645 160 litre GIUSTI scraped surface hemispherical pre mix vessel, variable speed drive. Hand hydraulic top lift, tilting bowl. Jacketed.

## **STORAGE & MOBILE VESSELS**

- 2C 2100 900 litre BISON stackable IBC in stainless steel. 1100 x 900 x 900mm deep, on legs. 50mm dia outlet with valve. 450 dia m'way.
- 2C 2541 550 litre WEBSTERS mobile pressure vessel, 5 bar/Full vac. Clamped top dish with lift and swing davit. Supplied new 2001.
- 2C 1630 445 litre STOFREI stackable S/S storage bin 960 x 750mm x 600mm deep. 400 dia clamped hatch. 0.2 bar rated. Valved outlet.
- 2C 1058 350 litre "GRUNDY" mobile liquids vessel, 275 dia top opening with clamped cover, 30 psi rated, outlet valve, 4 available.
- 2C 2110 300 litre GIUSTI mirror polished GMP mobile ethical liquids transfer vessel. Vacuum and pressure rated.

## **PANS, PRESSURE VESSELS & BINS**

- 2D 1464 1550 litre F PEDLEY Pharmaceutical quality powder bin. 316 S/S polished internally. Valved outlet. Vibration discharge.
- 2D 1465 1550 litre F PEDLEY Pharmaceutical quality powder bin. 316 S/S polished internally. Valved outlet. Vibration discharge
- 2D 1794 1150 litre polished 316 receiver, 1000 dia x 1400 plus dished ends. 2.2 bar + FV wp. Lagged, s/s rigid clad, 3 x mtg. brackets.
- 2D 1795 1150 litre polished 316 receiver, 1000 dia x 1400 plus dished ends. 2.2 bar + FV wp. Lagged, s/s rigid clad, 3 x mtg. brackets.
- 2D 1766 286 litre APV hemi pan, 780 dia x 730 deep, 40 dia outlet, 40 psi slim line stainless jacket, 3 x painted steel legs.
- 2D 1767 269 litre APV hemi tilting pan, polished, 760mm dia x 720mm deep. 40 psi S/S jacket. S/S support frame with latch locking.
- 2D 1565 260 litre hemispherical stainless pan 700 dia x 800mm deep. Top cover. 20mm dia outlet. 40 psi painted jacket to base.
- 2D 423 220 litre stainless steel vacuum receiver vessel, flanged top dish, vac & 60 psi rated, 3 x painted steel legs.
- 2D 082 200 litre GMP quality stainless vertical receiver vessel, flanged top dish, vacuum & pressure rated, stainless jacket, on legs.
- 2D 1680 70 litre stainless hemispherical tilting pan with painted steel 40 psi jacket.
- 2D 1488 68 litre GIUSTI hemispherical pan in polished 316 stainless. 20 dia outlet. Stainless jacket and vessel rated for 40 psi WP.
- 2D 1191 45 litre stainless hemispherical pan with pouring lip, painted steel heating jacket rated 40 psi, on a stand with tilting handle.
- 2D 1561 40 litre stainless hemispherical pan. 450mm dia x 350mm deep. 25mm dia outlet. 40 psi steel jacket. On three legs.
- 2D 1814 29 litre polished stainless bin with top cover. Side grab handles. 345mm dia x 345mm deep with taper. 11 matching available.

## **FILLING EQUIPMENT**

### **LIQUID FILLERS**

- 3A 2596 KING KT341 single head Technofil with a 10l/min gear pump fitted. Polished stainless.
- 3A 2708 KING model KT341 bench top single head "Technofil" with gear pump. Polished stainless.
- 3A 2709 KING model KT341 bench top single head "Technofil" with gear pump. Polished stainless.
- 3A 2133 KING model K51 2 head semi auto bench top liquid filler fitted with stroke adjustable pumps, range 0 – 260ml. Footpedal.
- 3A 2674 KEMWALL mascara filler with heated stainless product vessel and stirrer. Footpedal fill start. Mobile. Polished stainless.
- 3A 2684 UNIVERSAL "Posifour" modular inline filler. Each cylinder can be set to different volumes for separate or combined fills.
- 3A 2941 MASTERFIL 4 head inline filler, product cylinders adjustable up to 1 litre fills
- 3A 1277 KING volumetric piston pumps for "K" series liquid filling machines, 30, 60, 130, 260 & 550 ml sizes available
- 3A 2653 KING set of four volumetric piston pumps, 560ml at max stroke.
- 3A 2923 KING "Technofil" single head bench top liquid filler.
- 3A 2924 KING "Technofil" single head bench top liquid filler.
- 3A 2925 KING "Technofil" single head bench top liquid filler.
- 3A 2920 UNIVERSAL "Posifill" bench top semi auto liquid filler, stroke adjustable up to 1.5 litre fills.
- 3A 2921 UNIVERSAL "Posifill" bench top semi auto liquid filler, stroke adjustable up to 1.5 litre fills.
- 3A 2922 UNIVERSAL "Posifill" bench top semi auto liquid filler, stroke adjustable up to 1.5 litre fills.
- 3A 2637 230 litre stainless steel mobile liquid header tank/supply vessel, with an integral 4 x 25mm dia hosetail manifold.
- 3A 1569 Rectangular stainless steel header tank with level control. 585 x 385 x 295mm deep. 66 litre full capacity. 2 available.

### **TUBE FILLERS**

- 3B 1652 TONAZZI model "Collibri 80" automatic aluminium tube filler. Tube registration. Auto infeed. All stainless.
- 3B 2928 UNIPAC type S90 tube filler, hot jaw sealing system for thermoplastic tubes
- 3B 2433 ADELPHI bench top manual tube filler/dealer.
- 3B 2533 TGM type S400 fully automatic 12 station rotary hot jaw plastic tube filler. Max 3200/hr, 10-50mm dia, 50-250mm long tubes.
- 3B 2593 RF Bridge type M4X bench top semi automatic sealer for plastic tubes. 1996.

### **POWDER FILLERS**

- 3C 2552 UNIVERSAL PACK fully automatic line. 1 head auger filler,
- 3C 2670 ARENCO A400 pedestal mounted single head semi auto auger type powder filler. As new but requires a fill speed/timer control.

### **OTHER FILLERS ( FFS, SACHET, DEPOSITORS, AEROSOL, PASTE/CREAM)**

- 3D 2929 WARD BECKER type LT121 single head linear weigh/ filler, all stainless, supplied new 1997, appears to be UNUSED condition.

### **PACKAGING MACHINERY**

#### **LABELLING MACHINES**

- 4A 2602 PRECISION LABELLING SYSTEMS front & back labeller with wraparound. Stainless steel. Hot foil coder. Supplied new in 2003.
- 4A 2644 PPM ALBRO two head labelling machine with wrap station. Top hold. Infeed spacer. All stainless. Coder. Barcode reader. Guarded
- 4A 2325 NORPRINT type ML 039 self adhesive labeller set up to do top labelling, can be operated in side mode. Variable speed. Age 1999.
- 4A 2326 NORPRINT type ML 1000 single side self adhesive labeller with wraparound station. Ideal for small containers. V/speed. 1999.
- 4A 2327 PALS type SE045 self adhesive single side labeller with wraparound station. 150mm wide x 1000mm long conveyor. Like new. 1998
- 4A 2890 ATTTWELL single side labeller, stainless, wraparound station, hot foil coder fitted
- 4A 2816 NERI model ETA all stainless wraparound labeller, as new condition.
- 4A 2988 HARLAND "Proteus 155S single head top labelling machine
- 4A 3022 HARLAND "MINEX" automatic self adhesive labelling machine in stainless steel, new in 1998. Front and back with wraparound.
- 4A 3105 HARLAND "Sirius" automatic self adhesive labelling machine in stainless steel, supplied new in 1997. Fitted with wrap and ICE coder

#### **CARTONING & CODING MACHINES**

- 4B 2996 MARCHESINI type BA300 auto continuous motion cartoner, carton size range A dim 25 -100; B dim 15 -70; C dim 78 -150mm.
- 4B 2998 MARCHESINI type BA100 semi-auto intermittent horizontal cartoner, all stainless, extended bed version for two loading operators.
- 4B 1712 GRASEBY ALLEN model 4ACC automatic inline carton coder. Stainless steel.
- 4B 2521 GRASEBY ALLEN model 3ACC automatic inline carton coder. Stainless steel.
- 4B 2701 GRASEBY ALLEN model 3ACC automatic inline carton coder. Stainless steel.
- 4B 2330 ROTTECH model 3CH hot foil overprinter in full stainless steel. 240v 1ph. Like new condition. Age 2002.
- 4B 1011 ALPHA-DOT "MID-JET" two line character ink jet coder, stainless, ideal for attaching to carton taping machine.
- 4B 2508 DOMINO model A300 "Pinpoint" ink jet printer, all stainless. Up to 4 lines of print, 10mm high max. As new, very little use.

#### **CAPPING & CLOSING MACHINERY**

- 4C 2005 GRAVFIL 4 head rotary screw capper with a set of 22mm chucks and a set of adjustable chucks. Fully guarded. Manual on file
- 4C 2844 VIBRAC cap torque tester.
- 4C 2841 ENERCON "Compak" inline cap induction sealer
- 4C 3012 ENERCON "Compak" inline cap induction sealer
- 4C 3011 NEWMAN 4CT inline cap tightener, all stainless.
- 4C 3006 NEWMAN 4CT inline cap tightener, all stainless.
- 4C 2832 KUGLER inline cap tightener.
- 4C 2527 DICO single head screw capper, stainless steel. Supplied new in 2001, UNUSED condition.
- 4C 2942 DICO fully auto single head screw capper, complete with cap unscrambler / feeder, fully guarded
- 4C 2691 DESOUTER bench top electrically powered hand operated capper with control unit (for small scale batches)
- 4C 2544 PLASTIK TECHNIC VSM2 bench top semi auto screw capper, all stainless. Torque adjustable. Fully guarded. Looks UNUSED.
- 4C 2131 BWI KP Aerofill bench top pneumatically operated semi auto crimper for atomizer pump sprays (not for Aerosol pumps).

#### **SEALING, WRAPPING & SHRINKWRAPPING MACHINERY**

- 4D 2700 SOLLAS model Bandum 50 semi auto banding machine
- 4D 2540 EDL sleever type 24/12 SS and heat tunnel type 15/8 ST. 240v 1ph. 9.5kw heater. Tunnel 335 x 220mm high, 760mm long.
- 4D 2460 BALAIR SYSTEMS model 200 high speed heat shrink tunnel, pharmaceutical quality. 420 x 280mm tunnel. 19kw heating system.
- 4D 2461 BALAIR SYSTEMS model 200 high speed heat shrink tunnel, pharmaceutical quality. 420 x 280mm tunnel. 19kw heating system.
- 4D 2072 KEMPNER semi auto shrinkwrapper comprising 430 x 430mm L sealer and 440 x 185mm high heat shrink tunnel. Mobile.
- 4D 2073 DOBOY bench top bag sealer, 400mm sealing edge. Thermostatic temperature settable.
- 4D 2580 ITALBIPACK SU50 35L "L" sealer. Painted steel finish. 20" x 15" sealing bars.
- 4D 2597 SONTEX type LS55 "L" sealer. 560 x 440mm sealing bars. Mounted onto a mobile base unit.
- 4D 2815 SHARP INTERPACK blister sealer

#### **LINE MACHINERY**

- 4E 2383 CAM model GMQ L/P in line checkweigher. 2003. 230 x 230mm Weighcell. Top & bottom infeed grip belts. **UNUSED CONDITION.**
- 4E 2992 GARVENS model S2S "Pick & place" checkweigher, 3 gram sensitivity.
- 4E 2539 1200mm dia stainless steel rotary table with a 600 x 600mm bulk loading section
- 4E 2835 760mm dia stainless steel rotary table
- 4E 2974 3M Semi Auto carton taping machine with top and bottom taping heads.
- 4E 2769 SIAT SM11 – 4PC auto adjust top & bottom carton taper.
- 4E 2848 GRASEBY BEST model D30 inline checkweigher, constructed in 316 stainless steel finish, reject system fitted
- 4E 2838 GRASEBY BEST model D30 inline checkweigher, constructed in 316 stainless steel finish, reject system fitted.
- 4E 2703 GUK leaflet folder
- 4E 2688 PORTSDOWN Engineering all stainless bag sealer, 3kw, 725mm long x 25mm wide sealing bar.
- 4E 2893 SIAT top and bottom carton taper
- 4E 2894 SIAT top and bottom carton taper

#### **ANCILLARIES**

- 4F 1727 NORDSON model 2304 hot melt glue unit complete with trace heated glue hoses.

#### **BLENDING EQUIPMENT**

##### **DRY PRODUCT BLENDERS**

- 5A 2717 ERWEKA "Universal Lab Mixer Blender". Bench top drive unit with attachments for various processes.
- 5A 2720 300 litre stainless steel "V" blender
- 5A 2672 TURBULA model TC2 laboratory scale powder blender / shaker
- 5A 2776 WINKWORTH type GU100, single ribbon blade powder blender, 143 litres gross capacity, top cover with chargeport.
- 5A 2777 WINKWORTH type GU250 single ribbon blade powder blender, 357 litres gross capacity, top cover with chargeport
- 1C 2788 APV lab/development size mixer-granulator with polished finish 316 grade stainless steel product contact parts. 64 litre bowl
- 5A 2778 WINKWORTH type GU240 single ribbon blade powder blender, 348 litres gross capacity, top cover with chargeport
- 5A 2789 WINKWORTH type GU660 double spiral ribbon blade powder blender, 888 litres gross capacity, 7.5kw 30rpm drive.
- 5A 2667 FOSTER YATES size 1A "Rotocube" powder blender, 300mm cube with agitator. 24rpm, 0.25hp 240v 1 ph supply.
- 5A 2671 TP ENGINEERING type 755 small scale powder blender, 17mm dia x 375mm long product flask.
- 5A 2498 WINKWORTH model DC40 lab/development size double cone blender. 316 stainless. Timer controls. Safety enclosure.
- 5A 2304 GARDNERS 2950 litre gross capacity all stainless twin spiral ribbon blender, polished finish.. Pneumatic raise and locking cover

##### **LIQUID BLENDERS & HOMOGENISERS.**

- 5B 2745 SILVERSON model HX homogeniser, 7.5kw 950 rpm motor, 2m shaft, 200mm general purpose head, flange mounted.
- 5B 2746 SILVERSON model HX homogeniser 7.5kw 950 rpm motor, 2m shaft, 200mm general purpose head, flange mounted
- 5B 2021 SILVERSON homogeniser, 2 metre long entry. 150mm dia general purpose head. Two other spare heads. 5.5 kw 1450 rpm.
- 5B 2214 SILVERSON model F telescopic host for a suspended type homogeniser. 110kg SWL. Height range 1650 – 2800mm.

- 5B 2931 SILVERSON model BX homogeniser, mounted onto a mobile telescopic hoist  
5B 3108 SILVERSON "Flashblend" model FLB30S, mounted onto stainless skid, all shrouded in stainless steel.

## PROCESS EQUIPMENT

### DRYERS

- 6A 2298 AEROMATIC "STREA 1" lab / pilot plant size fluid bed dryer.  
6A 2673 AEROMATIC "STREA 1" lab / pilot plant size fluid bed dryer, two product bowls.  
6A 2126 GLATT model "Uniglatt" lab / development size fluid bed dryer. Approx 5kg working capacity. Mounted onto a mobile base.  
6A 2762 APEX tray drying oven, model 48 BE-SS, 9 off 32"x16"x1.25" st.stl trays, 4.675kw heating, all stainless construction, mobile

### HEAT EXCHANGERS

- 6B 1204 ALFA-LAVAL plate heat exchanger.

### MILLS

- 6C 2633 FRYMA model MZ 130R toothed colloid mill in 316 stainless. Jacketed body. 15kw 2930 rpm motor. 65 / 80mm dia inlet / outlet.  
6C 2529 PREMIER 84 colloid mill, carborundum stone grinding media. Mirror polished contact parts. 3.4/2.6kw 7800/3900 rpm. **UNUSED**

### HEATING & COOLING

- 6D 2486 TRICOOL ENGINEERING model "Trim 20" packaged chiller unit. 5160 Kcal/hr 10°C & 25°C ambient. 6kw. 16.8 litres/min flow.  
6D 2631 ICS (Industrial Cooling Systems) model TAE 015 chiller unit. R47. 5.7kw @ 5°C; 7.5kw @13°C. @ 20°C ambient.  
6D 2629 TRICOOL Trim 20 packaged chiller unit.  
6D 1831 DENT & HELLYER "Labclave", 1988, chamber 460 x 400 x 920mm deep. Vac. - 2.2 bar. Fitted chart recorder.

### WEIGHING EQUIPMENT

- 6E 2363 METTLER "Panther Plus" high quality platform scale for harsh environment use. All stainless. 0-25kg + tare. 5 gm sensitivity.  
6E 2392 METTLER "Panther Plus" high quality platform scale for harsh environment use. All stainless. 0-25kg + tare. 5 gm sensitivity.  
6E 2393 METTLER model PG 503S lab balance housed in a glass cabinet. Max 510 gm x 0.001gm. Like new.  
6E 1422 SALTER electronic scale type EB60 with remote indicator unit type E1200, 0-60 kg, S/S platform 500 mm x 400 mm, 240 v.  
6E 618 NOVAVEIGH electronic platform scale, 0 – 150 kg x 1 gm, remote FLP indicator unit, S/S platform 800 x 600mm, **unused**.  
6E 1291 SARTORIUS electronic platform scale type F61S-D2, 0 – 61kg x 1gm, remote indicator unit, 560 mm x 450 mm S/S platform.  
6E 1293 SARTORIUS electronic platform scale type 5708 004-2, 0 – 32.5kg x 0.5 gm, 430 mm x 340 mm stainless platform.  
6E 1292 SARTORIUS electronic platform scale type F50S-X, 0 – 50.5kg x 1 gm, 425 x 335 mm stainless platform, Exd flameproof.  
6E 2337 SARTORIUS type ISI 20 electronic platform scale. 20kg x 0.1gm. 400 x 300mm platform. Flameproof electrics. Stainless. 1999.  
6E 2338 SARTORIUS type ISI 20 electronic platform scale. 20kg x 0.1gm. 400 x 300mm platform. Flameproof electrics. Stainless. 1999.  
6E 1754 METTLER Toledo type KCC 150X platform scale, 0-150kg, Flameproof, 800 x 600 stainless platform. 240v.  
6E 1694 OHAUS model I 10 electronic scale with 460mm x 460mm stainless platform. 45kg x 2gm divisions. Tare. Digital readout. 240v.  
6E 1695 AVERY scale with 750 x 750mm stainless platform. 125 kg capacity. Requires an indicator unit.  
6E 1920 NOVAVEIGH type T6006-200 stainless steel 200kg load cell set combination wired. 14mm dia load bearer pin. Ex batch vessel.  
6E 2939 Stainless steel 1,500kg platform scale.  
6E 2820 Stainless steel 1,500kg platform scale.

## FILTRATION EQUIPMENT

### SIEVES & SIFTERS

- 6F 2369 SWECO model S30S 750mm dia single deck all stainless vibratory sieve. 415v. Flameproof spec. 150 x 150mm top inlet.  
6F 2253 RUSSELL "Finex 36" all stainless steel single deck vibratory sieve with mesh screen fitted. Mobile.  
6F 2153 RUSSELL Finex 22 single deck vibratory sieve with mesh screen. Stainless contact parts, painted steel base cover. Mobile.  
6F 2934 RUSSELL "Compact 600" alss stainless vibratory sieve.  
6F 2487 RUSSELL "Finex 22" stainless steel vibratory sieve  
6F 2379 AZO model E360 PH in 316L stainless sifter. Auger/hopper fed. 120mm dia x 430mm long chamber with Polypropylene mesh.  
6F 2986 KEMUTEC KEK rotary sifter in stainless  
6F 079 PALL stainless cartridge filter type MCS-1003-PG-HZ2L, sintered stainless cartridge rated 150 psi, unused condition.  
6F 1808 PALL process filter in mirror S/S. Type SAS M05 1G3 1BJ. 230 dia x 300mm deep. 32mm conn's. 10 bar. 140°C. Q/R cover.  
6F 072 FILTRATION & TRANSFER stainless pre coat candle type filter, 200 dia x 380 long. 100 psi w.p.  
6F 102 FILTRATION & TRANSFER stainless pre coat candle type filter, 200 dia x 600 long. 100 psi w.p.  
6F 1709 JENAG rotary self cleaning air driven strainer. Aluminium / gunmetal. 50mm inlet. 2000 litres/hr. Bypass. Frame mounted.

## MIXERS

### AGITATORS

- 7A 445 LIGHTNIN clamp on stirrer type NC 2, 0.33 hp 415v motor 1450 rpm, 13mm dia s/s shaft x 800 mm long, 3 blade propeller 4" dia.

- 7A 2908 LIGHTNIN air driven mixer for mounting onto a vessel 50-100 litres.
- 7A 1545 LIGHTNIN model HP 7.5 clamp on agitator drive unit for 15mm dia shaft, collet fixing. 0.75kw 1435 rpm direct drive FLP 415v.
- 7A 2431 LIGHTNIN type N33 G33 tank mixer. 1200mm long shaft with two 3 blade propellers. 740 x 740 mounting plate. 0.55kw drive.
- 7A 2387 LIGHTNIN type 71QC 2.25kw variable speed DC drive. 2.2m shaft with 2 stage pitched blade turbine blade mixers.
- 7A 2356 LIGHTNIN type VIP 25A compressed air driven clamp on mixer. 1120mm long shaft with A310 3 blade mixing head.
- 7A 2357 LIGHTNIN type VIP 25A compressed air driven clamp on mixer. 1120mm long shaft with A310 3 blade mixing head.
- 7A 2359 LIGHTNIN type LP 25A compressed air driven clamp on mixer. 1120mm long shaft with A310 3 blade mixing head.
- 7A 2824 Small SILVERSON homogeniser for mounting onto a small mixing vessel
- 7A 2825 Small SILVERSON homogeniser for mounting onto a small mixing vessel
- 7A 2745 SILVERSON type HX homogeniser, tank mount
- 7A 2746 SILVERSON type HX homogeniser, tank mount
- 7A 2826 Small clamp on stirrer for small scale mixing vessel.
- 7A 2827 Small clamp on stirrer for small scale mixing vessel.
- 7A 2828 Small clamp on stirrer for small scale mixing vessel.
- 7A 2829 Small clamp on stirrer for small scale mixing vessel.
- 7A 2830 Small clamp on stirrer for small scale mixing vessel.
- 7A 2740 YTRON vortex mixer, tank mount
- 7A 2741 YTRON vortex mixer, tank mount
- 7A 2528 YTRON "Vortex" type mixer on a raise/lower mobile stand. 115mm dia 3 blade rotor 1.0kw 1425 rpm / 1.4kw 2860 rpm.
- 7A 2211 PREMIER model 2600M pedestal mounted mixer for mixing in drums etc. Tilttable 780mm long shaft, 70mm dia high shear head.
- 7A 2519 PREMIER model 2600M pedestal mounted drum mixer with compressed air drive motor.
- 7A 2935 PREMIER pedestal mixer
- 7A 2584 PREMIER "Pilot" 2400M clamp on mixer. 0.37kw motor. 16mm dia x 465mm long stainless steel shaft with a 3 blade propellor.
- 7A 2520 LIGHTNIN pedestal mounted drum mixer with compressed air drive motor.
- 7A 1895 GREAVES model WG3 agitator drive unit. 1.1 kw 415v/3/50 Flp motor. 38 rpm output speed. Fitted to a stainless bridge 1830mm
- 7A 1897 GREAVES model VWG6 agitator drive unit. 7.5 kw 1450 rpm via Radicon 40:1 gearbox. Mounting plate 500 x 800 mm.

#### **CHANGE PAN MIXERS**

- 7B 1930 BEAR "Varimixer" change pan mixer with a 60 litre jacketed bowl and general purpose mixing tool. Variable speed. FLP electrics
- 7B 2814 HOBART 95 litre (80 quart) change pan mixer, general purpose mixing tool.
- 7B 2148 HOBART model SF 401 40 quart change pan mixer. Beater paddle tool. 4 speeds. Safety interlocked guard. Excellent condition.
- 7B 2166 HOBART model AE 200 lab size 20 litre change pan mixer. 3 speed. Safety interlocked Polypropylene guard / splash cover.
- 7B 2261 HOBART model A120 bench top model change pan mixer. 7 litre stainless bowl. 3 speeds. As new. On a stainless mobile table.
- 7B 2293 HOBART model SF 401 floor standing 3 speed 40 litre bowl change pan mixer. Three tools included.
- 7B 2757 CRYPTO PEARLESS change pan mixer

#### **PLOUGHSHARE MIXERS**

- 7C 2946 MORTON 300 litre stainless steel, ex food industry.
- 7C 2947 MORTON 300 litre stainless steel, ex food industry.
- 7C 2948 MORTON 1,000 litre stainless steel, ex food industry, custom stainless support frame included.

#### **PUMPS**

##### **CENTRIFUGAL PUMPS**

- 8A 1412 TUCHENHAGEN multi stage "CIP" pump type VPQ61A, 2½" flanged conn's, 7.5 kw 1450 rpm, 415v stainless baseplate.
- 8A 733 APV "PUMA" size 2 x 2 x 9, stainless, shrouded motor.
- 8A 430 MO PUMP stainless steel, submersible. 50mm dia flanged connections. 600 x 600 mounting plate. 2.2kw Flp motor. **UNUSED.**
- 8A 1804 HILGE type HYGIA hygienic pump in polished S/S. 40mm conn's. 1.85kw 2865 rpm 415v shrouded motor. 135mm dia imp.
- 8A 1547 MIDLAND DAIRY model D2/1.5K in lapped finish 316 stainless. 40mm dia connections. FLP motor. Mounted on a S/S plinth.

##### **POSITIVE DISPLACEMENT PUMPS**

- 8B 1553 BLACKMER model 41 H2 internal gear pump. 316 stainless. 40mm flanged connections. Direct 920 rpm 0.75kw FLP motor.
- 8B 2632 WAUKESHA size 60 high pressure rotary piston pump. Triclover hygienic connections 65mm dia, 2.2kw, 10 – 52 rpm variable.
- 8B 3003 ALFA LAVAL type SR 3. 50mm RJT connections, 1.5kw motor, Pump speed 293 rpm.
- 8B 1611 SSP type SR6 246LS rotary lobe pump. 80mm dia screwed connections.
- 8B 2366 MASO sine pump type SPS 1, 316 grade stainless, 25mm dia inlet/outlet connections, TRICLOVER hygienic fittings. **UNUSED.**
- 8B 2950 MASO sine pump type SPS 2, 316 grade stainless, 50mm dia inlet/outlet connections, TRICLOVER hygienic fittings
- 8B 2715 MONO Hygienic pump
- 8B 2714 MONO Hygienic pump
- 8B 1152 MONO "MERLIN" type SAE22H1R5 stainless, 75 dia conn's 7.5 kw belt & pulley drive, 970 rpm pump speed. Baseplate mounted
- 8B 1921 MONO type SH60 D5 stainless pump ex food industry. 50mm dia flanged connections with valves. 3kw 1420 rpm 415v.
- 8B 855 MONO hygienic pump type SJ311, easy clean, polished stainless, 0.55 kw direct drive, baseplate mounted.

- 8B 879 MONO pump type CD 60 R3, cast iron, 2" flanged conn's, 2.2 kw 1420 rpm with belt drive speed reduction.
- 8B 877 DISPERSONIC in line ultrasonic mixer / pump, 1 1/2" BSP, 2.2 kw 710 rpm, 3ph.
- 8B 1568 SSP model 75ND. 0.5kw 415v. 30 psi stamped.
- 8B 1562 HOWARD type 1KL 2" rotary lobe pump. Stamped 2-600 kg/hr, head 10ft. 1hp motor 415v. Pump speed 210 rpm.
- 8B 189 VIKING internal gear pump type HL724, stainless, 1 1/2" NPT conn's, 0.55 kw FLP motor 685 rpm, spare unused body.
- 8B 739 SSP rotary lobe pump type 200 ND, bare shaft body only, stamped 3 bar & 100°C, full SSP factory refurbish, still boxed. (2)
- 8B 1416 HOWARD lobe pump type 1JL, 1" screwed conn's, stamped 1000 litres / hr 20 psi, 440 rpm, stainless baseplate, 1.1 kw 3ph.
- 8B 1419 HOWARD lobe pump type CL1-10, 1" screwed conn's, stamped 17 lit./ min, 95 psi, 1.1 kw vari-speed 3ph, stainless trolley.
- 8B 1153 SSP rotary lobe pump type AP100 CS8T, stamped 5 bar, 70°C, stainless mobile trolley, variable speed drive, 0.75 kw 3 phase
- 8B 1807 SSP rotary lobe pump type 100ND, ISS 1" connections. 1.4kw 415v 1400 rpm motor driving at 3:1 belt & pulley reduction.

#### **DOUBLE DIAPHRAGM PUMPS**

- 8C 1608 ITT MARLOW stainless steel 1" double diaphragm pump.
- 8C 2515 ALFA LAVAL model DL40 SL hygienic double diaphragm pump in 304 stainless. 40mm dia ISS type inlet / outlet connections
- 8C 2516 ALFA LAVAL model DL40 SL hygienic double diaphragm pump in 304 stainless. 40mm dia ISS type inlet / outlet connections
- 8C 2517 DEPA model DL40 SL hygienic double diaphragm pump in 304 stainless. 40mm dia ISS type inlet / outlet connections
- 8C 2518 DEPA model DL40 SL hygienic double diaphragm pump in 304 stainless. 40mm dia ISS type inlet / outlet connections
- 8C 2195 ALMATEC model AD 20 STT-E double diaphragm pump in 316 stainless. Teflon internal parts. 200mm dia threaded ports.
- 8C 2474 WILDEN stainless steel double diaphragm pump. 80mm dia screwed inlet/outlet connections. Exhaust air silencer fitted.
- 8C 3005 SANDPIPER CSP 14 hygienic double diaphragm pump, 50mm connections
- 8C 3004 Stainless steel double diaphragm
- 8C 2022 SANDPIPER model SB1 A stainless steel double diaphragm pump, 40mm dia screwed connections.
- 8C 2926 FLOTRONIC all stainless double diaphragm pump, 40mm inlet/outlet hygienic connection ports, "one nut" easy stripdown.
- 8C 1984 FLOTRONIC stainless steel 1" double diaphragm pump. Excellent condition
- 8C 2751 FLOTRONIC stainless steel 1" double diaphragm pump. Excellent condition
- 8C 2754 ARO 3" double diaphragm pump, on mobile base, quick release connections.

#### **VACUUM PUMPS**

- 8D 545 RIETSCHLE model TR40V rotary sliding vane dry running vacuum pump. 40m<sup>3</sup>/hr, 100mbar ultimate vacuum (90% FV)
- 8D 546 RIETSCHLE model TR40V rotary sliding vane dry running vacuum pump. 40m<sup>3</sup>/hr, 100mbar ultimate vacuum (90% FV)
- 8D 547 RIETSCHLE model TL25V rotary sliding vane dry running vacuum pump. 25m<sup>3</sup>/hr, 150mbar ultimate vacuum. (85% FV)
- 8D 548 RIETSCHLE model TL25V rotary sliding vane dry running vacuum pump. 25m<sup>3</sup>/hr, 150mbar ultimate vacuum. (85% FV)
- 8D 549 RIETSCHLE model TL25V rotary sliding vane dry running vacuum pump. 25m<sup>3</sup>/hr, 150mbar ultimate vacuum. (85% FV)
- 8D 550 RIETSCHLE model TL6V rotary sliding vane dry running vacuum pump. 6m<sup>3</sup>/hr, 150mbar ultimate vacuum. (85% FV)

#### **PERISTALTIC PUMPS**

- 8E 613 WATSON MARLOW peristaltic pump type 602U 165, 200 v - 250 v 50 / 60 Hz,
- 8E 2538 WATSON MARLOW type 505DI. UNUSED condition. Digital display. Variable speed 2.75-4.375 L/min.
- 8E 2727 WATSON MARLOW type MG0626.
- 8E 1686 WATSON MARLOW peristaltic pump type 701P/R compressed air driven. Speed control.
- 8E 2275 WATSON MARLOW peristaltic pump type 601U 100. 0-100v DC supply variable speed. Plastic cover guard damaged.

#### **AIR OPERATED & OTHER PUMPS**

- 8F 627 GRACO "MONARCH" air powered pump with dip pipe for barrel discharge
- 8F 3000 DOPAG drum press, polished stainless steel ram piston; high quality construction suitable for ethical products, UNUSED.
- 8F 2040 KECOL "100" pneumatically operated barrel pump in stainless steel, position adjustable on a pedestal.
- 8F 1679 REXSON drum pump mounted onto a mobile trolley.

#### **LABORATORY EQUIPMENT**

- 9 2292 SARTORIUS model MA 50 moisture analyzer. Infra red drying system. Current model in hardly used condition.
- 9 2723 SARTORIUS type LC 6201S lab scale
- 9 2724 SARTORIUS moisture analyser
- 9 2765 BASSAIR two port fume cabinet.
- 9 2819 ROTRONIC Hygroscope, for validating moisture content in fluid bed drying/tablet coating in conjunction with Ref 2818
- 9 2818 Air Mass Flowmeter
- 9 2393 METTLER model PG 503S lab balance housed in a glass cabinet. Max 510 gm x 0.001gm. Like new.
- 9 2392 METTLER "Panther Plus" high quality platform scale for harsh environment use. All stainless. 0-25kg + tare. 5 gm sensitivity.
- 9 2687 TAP density volumeter
- 9 2659 SILVERSON hand held lab homogeniser, all stainless.

- 9 2126 GLATT model "Uniglatt" lab / development size fluid bed dryer. Approx 5kg working capacity. Mounted onto a mobile base.
- 9 2687 AIRFESO all stainless fume extraction cabinet, mobile.
- 9 2945 GALLENKAMP lab oven
- 9 2821 Lab size flask water bath
- 9 2693 HEIDOLPH bench top lab stirrer
- 9 2694 HEIDOLPH bench top lab stirrer
- 9 2685 MEMMERT stainless steel lab oven
- 9 2686 MEMMERT stainless steel lab oven
- 9 2788 APV lab/development size mixer-granulator with polished finish 316 grade stainless steel product contact parts. 64 litre bowl

### **UTILITIES**

- 10 2971 EDMOLIFT type TCB1000B scissor lift work table, 1500 x 1000mm wide platform, hydraulic raise to 800mm working height.
- 10 1307 OMEGA elevator, 1m x 1m x 450 deep hopper, white PVC elevator with 150 x 40 slats at 110 spacing, 2190 disch ht, all st. stl.
- 10 889 DIETZ ROLLWA type ESG 150/200 KF elevator, S/S hopper, PVC belt 130 mm wide with 90 mm flight spacing, 3m disch. ht.
- 10 2972 TECH PROJECTS stainless belt conveyor, 270mm wide belt x 1.5 metres long. 30mm high guide rails fitted.
- 10 2973 TECH PROJECTS belt conveyor, 270mm wide belt x 2.5 metres long. 30mm high guide rails fitted.
- 10 2964 TAWI Electrically operated (battery) work platform, 100kg max working capacity
- 10 982 AJAX auger screw conveyor, stainless steel, 150 mm dia. x 600 mm long, 150 mm dia inlet / outlet, 0.75 kw 415 v.
- 10 2135 GUTTRIDGE stainless steel auger feeder, 100mm dia x 2 metres long. Age 1995. Excellent condition.
- 10 2753 GUTTRIDGE powder feeder with integrated bulk hopper
- 10 2136 DERION model ALA 200 motorised rotary valve in carbon steel, galvanised internally. 200mm bore. 16 rpm Age1995.
- 10 2378 GORING KERR type TEK 21 vertical format powder metal detector. 150 x 55mm aperture with reject actuator. Looks **UNUSED**.
- 10 2753 GuTTRIDGE powder feeder and hopper, 110mm dia x 3.9m long, adjustable length, stainless steel, mobile.

### **MISCELLANEOUS ITEMS**

- 11 2482 NAF 200mm dia pneumatically operated stainless steel butterfly valve. **UNUSED** project surplus. Several available.
- 11 1809 NILFISK model GS82 industrial vacuum cleaner. 2 x 1400 watt 240v motors can be used together or independently.
- 11 1759 Various industrial vacuum cleaners. 7 available. Ask for details.
- 11 1713 Stainless steel rotary lock valve, last used to feed / control sugar into a vessel. 8" x 6" flanged inlet / outlet. As new.
- 11 1606 LENTON THERMAL DESIGN lab size furnace. 1200°C max temp. Cantilever operated door.
- 11 1550 Differential pressure controller, settable, for reverse jet automatic filter cleaning cycle start on dust extraction / filtration units.
- 11 2909 NILFISK small compact vacuum cleaner/dust collector for single point applications like a powder filler or tablet press.
- 11 2910 NILFISK small compact vacuum cleaner/dust collector for single point applications like a powder filler or tablet press.

### **PENDING – NEW STOCK ARRIVALS.**

**FRYMA KORUMA VME120 process vessel, supplied new in 1999, as new condition. NOW IN STOCK**  
**SWIFTPACK tablet counting line, 4 swiftpack machines with conveyor and unscrambler, new in 1998**

FRYMA VME 20-C process vessel, all st.stl construction. **NOW IN STOCK**

FRYMA VME 12 process vessel **NOW IN STOCK**

WEBSTERS 500ltr vac process vessel, contra rotating and bottom entry homogeniser. **NOW IN STOCK**

GIUSTI 250 ltr pharmanix, process vessel, 316 st.stl construction, full vac.

MANESTY BB4 35 station tablet press

MANESTY D3A 16 station tablet press

KILIAN RTS 20 station "D" tablet press

QUADRO model 194S "Comil"

2 off MANESTY "ACCELACOTA 150" complete with "spraytab" units

APEX type 114S2 comminuting mill

GEA NIRO type "Production Minor" spray dryer, excellent condition

2 off OSKAR KRIEGER "Moltomat" 1,500 litre double motion type agitator vacuum mixers, jacketed, with homogenizer Polished finish

UHLMANN 1040 blister packer with C2205 cartoner, lots of format parts available

AEROMATIC T4 fluid bed dryer with two product bowls, late 1990's

2 off NEWMAN CT4 inline cap tighteners, all stainless.

IWKA TFS 20 tube filler, hot air sealing system for plastic & laminated tubes, integrated tube capping system.

Complete tablet filling/packing line in exceptional condition comprising: OMEGA S/S bottle elevator & unscrambler; SWIFTPACK 12 lane I head tablet counter/filler, KING CAPS60 auto single head screw capper with cap unscrambler and cap feeder; ENERCON type COMPAK cap induction sealer; KING model LH5 wraparound labeller with Allen coder; 1 metre dia accumulation table linked to conveyor outfeed; stainless steel line control panel. Change parts for round and oval containers. Line is decommissioned and ready to ship.

3ft stainless steel rotary table, variable speed, polished finish  
KING 8 head inline liquid filler, 500ml piston type pumps, FLP, header tank, control panel, interlocked guarding.  
Aeromatic Strea bench top/lab scale fluid bed dryer.  
Adelphi bench top cream/liquid filler, pneumatic.  
DIOSNA P1-6 lab scale mixer granulator, 316 st.stl construction  
Russell 24" st.stl vibratory sieve  
APEX mill, polished st stl finish  
BEAR st stl change pan mixer  
Hagen & Rinau UNIMIX 60,vac process mixing vessel.  
AEROMATIC T2 fluid bed dryer, EEXd rated.