

## USED EQUIPMENT STOCK REVIEW NOVEMBER 2019

### NEW ARRIVALS

**We have recently taken into stock the following items that may interest you:**

- 1A 4200 KING TB4 semi auto two channel electronic tablet and capsule counter
- 1A 4178 Manesty Accelacota 350 tablet coating machine
- 4D 4177 Uhlmann 3040 Blister Bander
- 1A 4176 Manesty D3B tablet press
- 1A 4174 Manesty Betapress (2 available)
- 1A 4173 Lock MET30+ inline belt metal detector
- 3C 4172 Riggs Autopack auger filling machine
- 6F 4171 Prism Pharma Machinery model PVS30, 30" twin deck stainless steel vibratory sieve
- 4E 4170 Bosch 1.2m dia stainless steel variable speed rotary table
- 8C 4165 Aro 1" Alu double diaphragm pump (4 available)
- 1A 4159 Casburt tablet deduster, all stainless steel, 240v, 1 phase supply
- 3A 4157 KING KT340 inline automatic liquid filling machine, 4 x 10ltr/min gear pumps, bottle infeed gating system
- 4E 4156 Stainless steel 1m diameter rotary table, 240v single phase
- 5B 4155 Silverson model AXR lab scale homogeniser
- 1A 4150 CAM Blister line, comprising: CAM Partena M90 blister machine with various feeders, vision camera system, tablet/capsule drum hoist, many spares, change parts/documentation; CAM KO cartoner with leaflet fold and infeed conveyor system from the blister machine
  
- 4C 4149 Newman type CT4 semi automatic in line cap tightening system in stainless steel, on stainless steel frame with Perspex guarding.
- 1A 4146 Vector Freund MFL.01 Lab-Micro development fluid bed system
- 1D 4145 Glatt "UNIGLATT" small scale (product/lab development) fluid bed dryer
- 1A 4144 Zanasi model 85E capsule filler for powder, pellets, tablets, liquids and microtablet, numerous sets of change parts for powders/pellets.
- 1A 4143 FETTE model 2100 tablet press, 32 station, "D" turret
- 1A 4142 Bosch model KKE 2500 capsule checkweigher with an output of upto 150,000 capsules/hr, numerous sets of size change parts.
- 1B 4141 Fitzmill model D6A mill, stainless steel
- 1B 4140 Fitzmill model M5A comminuting mill, stainless steel
- 2B 4139 200Ltr stainless steel mixing vessel, mobile, excellent condition
- 2B 4138 BIBBY 400 ltr mixing vessel, excellent condition
- 2B 4136 10Ltr polished stainless steel mixing vessel, mobile, appears UNUSED
- 2B 4134 20Ltr polished stainless steel mixing vessel, mobile, appears UNUSED (2 available)
- 1E 4132 Dr Schleuniger Autotest 4 tablet testing system

**All listed items are wholly owned Novatech stock available from our warehouse.**

#### PHARMACEUTICAL PRODUCTION / PROCESSING: >

#### SOLID DOSE MANUFACTURING / PROCESSING & PACKING

- 1A 4120 PAM SA9 semi automatic capsule filling machine
- 1A 4112 Swiftpack SV2 twin lane tablet counting line, incl. Dico capper/elevator, Omega unscrambler/elevator
- 1A 4097 Manesty BB4 double sided rotary tablet compression machine with a 35 station turret.
- 1A 4068 IMA Swiftpack SPC16 tablet counter, complete with 5m conveyor
- 1A 4031 Kraemer model C810 deduster
- 1A 4030 Kraemer model C810 deduster

- 1A 4018 Manesty Express, fully refurbished
- 1A 4016 Swiftlift elevator (2 available)
- 1A 3983 MANESTY tablet deduster, model TD25
- 1A 3961 Pharma Technologies model PH4 Pro2LF combined metalcheck and deduster (2 available).
- 1A 3959 Safeline PH2 metalcheck (2 available).
- 1A 3949 Pharma Technologies stand alone deduster (6 available).
- 1A 3890 MANESTY Rotapress Diamond MK V 55 station turret for Euro-norm "B" type punches and dies.
- 1A 3889 MANESTY Rotapress MK IV 55 station turret for Euro-norm "B" type punches and dies.
- 1A 3887 10kg Lab Development V Cone Blender
- 1A 3886 Manesty F3
- 1A 3883 MANESTY XL 60litre coater
- 1A 3867 Kraemer C810 Deduster & Safeline Metal Detector
- 1A 3863 Swiftlift Elevator
- 1A 3816 Safeline model PH2 metal detector
- 1A 3797 KING "Technocount" model TC8 fully automatic medium speed electronic tablet/capsule counter/filler with 8 lanes
- 1A 3787 Fantasy IP45 bench top lab scale blister packer, tooling for sizes 00 and 3 capsules
- 1A 3674 Rohrer & Collin Development/Lab scale blister packer with change parts
- 1A 3673 Swiftpack model SPC12 Electronic Automatic Tablet Counter, Full stainless steel
- 1A 3597 King TB4 in polished stainless steel finish, mounted onto stainless steel mobile frame
- 1A 3517 Elanco 8 semi-auto capsule filler with sets of change parts, 316 S/S.
- 1A 3356 MR DEBLISTER for salvage of rejected capsules from blister packs.
- 1A 3181 KRAEMER C800 uphill type tablet de-duster.
- 1A 3180 KRAEMER C800 uphill type tablet de-duster.
- 1A 3179 KRAEMER C810 uphill type tablet de-duster
- 1A 3172 KRAEMER C810 uphill type tablet de-duster
- 1A 2342 SAFELINE "Tablex" tablet/capsule metal detector, mirror polished. 75 x 45mm aperture

#### **GRANULATORS AND MILLS**

- 1B 4126 Manesty "Fitzmill" type S44D6 comminuting mill, 316 s/s contact parts, mirror polished internal, Exd flameproof motor
- 1B 3940 Frewitt Coniwitt mill.
- 1B 3809 GLATT model GS100 conemill, polished stainless steel, Exd rated, excellent condition.
- 1B 3808 GLATT model GS100 conemill, polished stainless steel, ex Pharma, excellent condition.
- 1B 3743 FREWITT model GLA-OV laboratory scale granulator, constructed in 316 grade stainless steel
- 1B 3353 FLUID AIR 103 Fluid energy mill
- 1B 3326 J BONALS oscillating granulator model 25 constructed in 316 grade stainless steel with mirror polished surfaces

#### **MIXERS AND BLENDERS**

- 1C 3820 PMS UD100 Universal Drive lab blender
- 1C 3722 COLLETTE "Gral" 90 litre mixer/granulator in mirror polished 316 grade stainless steel.
- 1C 3718 AEROMATIC FIELDER model PMA 25 mixer-granulator, stainless steel
- 1C 3717 RAYNERI "Tri-mix TXR 50" 50 litre mixer
- 1C 3705 AEROMATIC FIELDER PMA 65 high speed mixer granulator
- 1C 3523 AEROMATIC FIELDER PMA 10 high speed mixer granulator, full GMP.
- 1C 3411 AEROMATIC FIELDER model PMA 65 mixer-granulator, GMP quality, 316 grade mirror polished stainless steel all surfaces

#### **PROCESSING MACHINERY**

- 1D 4118 Glatt VG25 mixer/granulator
- 1D 4117 Glatt GCPG35 mixer/granulator
- 1D 4081 Hosokawa LP200/50P compactor with Frewitt MG336 oscillating granulator, touch screen control panel, mounted on s/s frame

- 1D 3719 GLATT model GCPG 3-5 Fluid bed spray coater/granulator, 3 to 5 kg batch size, complete with WURSTER bowl
- 1D 3352 NIRO ATOMISER type CC1 "COMBICOTA" lab scale fluid bed dryer/coater/granulator
- 1D 3275 IKA "DISPAX" type DR3/16 high performance homogeniser, 3 stage head, each with 3 separate rotor/stator sets, 45kw.
- 1D 2760 CALEVA model 15 spheroniser, 316 stainless steel, extended bowl , mobile.

#### **OTHER EQUIPMENT**

- 1E 3944 Dr Schleuniger WHT AutoTest4 tablet tester (2 available).
- 1E 3730 HOSOKOWA powder testing system
- 1E 3559 ERWEKA DTG 400 4 flask tablet disintegration tester
- 1E 2305 C I ELECTRONICS tablet checkweigher, bench top model in polished stainless. Complete with data printer.

#### **STAINLESS STEEL VESSELS**

##### **PROCESS VESSELS**

###### 0-500 LITRE VESSELS

- 2A 4125 Berents "Becomix 125" mixing/homogenising vessel, excellent condition, complete with manuals
- 2A 4124 Giusti 50L process vessel, excellent condition, complete with manuals
- 2A 3998 Haagen & Rinau UNIMX SRT15 process vessel, vacuum rated, bottom entry underdriven homogeniser
- 2A 3872 GROEN lab scale process mixing vessel
- 2A 3818 SKERMAN 25 litre process vessel
- 2A 3805 SOMAKON model MPL1 lab mixer
- 2A 3749 GIUSTI "PHARMIX" 50 gallon process vessel in polished 316 s/s.
- 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 3737 250 litre BECOMIX 250 jacketed, vacuum, scraped wall, homogeniser.
- 2A 3625 200 Ltr Websters process vessel, full vac and jacketed
- 2A 3733 150 litre, polished internal/external finish, 3 bar + full vacuum, electrically heated jacket, Greaves FGM mixer.
- 2A 2391 143 litres HAAGEN & RINAU 316 stainless vessel. 3 blade prop mixer. Stainless jacketed. Vacuum rated. Lapped finish.
- 2A 3238 140 litre mirror polished conical vessel with jacket and top mixer..
- 2A 3738 100 litre Oscar Krieger MMD 100 vacuum, process mixer/homogeniser, jacketed, contra scraped wall, CIP & SIP, sterile spec
- 2A 3690 50 litre GIUSTI "Pharmix 50" process vessel, side-scrape, homogeniser, jacket, vacuum
- 2A 3051 20 litre FRYMA model VME 20 lab/product development scale mixer for creams, lotions, gels and viscous products.
- 2A 2966 15 litre GIUSTI with under driven scraped surface agitator, top entry homogeniser, jacketed, full stainless control panel.
- 2A 3042 12 litre FRYMA model VME 12C lab/product development scale mixer for creams, lotions, gels, and viscous products.

###### 501- 1000 LITRE VESSELS

- 2A 3870 SKERMAN 1000L contra rotating process vessel
- 2A 3704 1000 litre Skerman process mixer, contra rotating, vacuum, jacketed, bottom homogeniser, hydraulic raise/lower
- 2A 3508 900 litre Giusti process vessel, scraped surface with contra baffle plates, variable speed, jacketed
- 2A 2546 700 litre SINCLAIR hemispherical mixing vessel, vacuum + 4bar. Variable speed 1.5kw anchor mixer.

###### 1001 LITRE + VESSELS

- 2A 2954 7729 litre WEBSTERS vessel with scraped surface contra rotating mixer, full stainless 10.34 bar jacket

##### **MIXING VESSELS**

- 2B 4077 Stainless steel product supply vessel, approx gross volume 1000 litres

- 2B 4076 316 grade stainless steel mixing vessel, approx gross capacity 1000 litres, polished internal finish
- 2B 4075 Stainless steel mixing vessel, gross capacity 1100litres, top mounted 4 blade propeller mixer
- 2B 4074 316 s/s mixing vessel, 1050 litres gross, 2 separate top dish mounted mixers, mobile on castors
- 2B 4061 SRI 250 litre electrically heated mobile vessel
- 2B 4038 Wincanton Engineering stainless steel mixing vessel, 400L (2 available)
- 2B 4037 Sapphire Engineering 455L, ASME V111 classification, s/s construction with mirror polished finish.

- 2B 2319 1000 litre Wincanton Engineering 316 S/S mixing vessel, 316L 2 bar s/s jacket. 4 blade turbine mixer, Flp drive.
- 2B 2347 850 litre 316 stainless pre mix vessel, full stainless jacket, top mounted Silverson homogeniser. Flat top, dished base.
- 2B 2352 700 litre stainless steel vessel with LIGHTNIN top mixer. Mounted onto a stainless steel mobile base.
- 2B 2470 477 litre PERMA SAN polished finish stainless open top vessel with LIGHTNIN VIP25A air driven clamp on mixer fitted.
- 2B 3600 DONSMARK model QMM/I mobile laboratory size mixing system with 3 interchangeable bowls

#### **PANS & PRESSURE VESSELS**

- 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 1565 260 litre hemispherical stainless pan 700 dia x 800mm deep. Top cover. 20mm dia outlet. 40 psi painted jacket to base.
- 2D 3474 250 litre (approx) jacketed Stainless steel vessel, last used as a fat melt vessel

#### **STORAGE & MOBILE VESSELS**

- 2E 3906 KUGLER mobile pressure vessel, 225 litre, 316 stainless, three zone electrically heated jacket, lagged and clad, 14 available

#### **FILLING EQUIPMENT**

##### **LIQUID FILLERS**

- 3A 4082 Marchesini model ML616 fully automatic monobloc filler/capper.
- 3A 4042 OMAS monobloc filler/capper complete with bowl feeders (2 available)
- 3A 4025 Wurschum P-600 liquid filling machine
- 3A 4002 Complete Liquid filling line comprising of King 8 head filler with header tank and 550ltr vessel, King Rotary capper, 2 bowls, stainless steel rotary table, cap elevator. Can be supplied with a labeller if required.
- 3A 4001 Complete Liquid Filling Line, comprising of King 8 head filler, header tank, King Isec Press on Capper, Bowl feeder, Bertolaso ROPP capper and feeder, bottle cleaner/vacuum cleaner, can be supplied with labeller if required
- 3A 4000 2 head stainless steel liquid filler
- 3A 3999 KING 5 head liquid filling machine
- 3A 3982 KING single head technofil liquid filling machine
- 3A 3966 SP Machines inline 4 head liquid filling machine, fill range 0.5ltr – 5ltr
- 3A 3884 Apple model MR900 pneumatic depositor
- 3A 3873 KEMWALL hot liquid filler for cosmetic products
- 3A 3779 UNIVERSAL "Posifill" bench top semi auto single head liquid filling machine.
- 3A 3745 UNIVERSAL "Posifill" single head semi automatic all pneumatic liquid filling machine, fill range 50ml -500ml.
- 3A 3614 KING 4 head inline liquid filler, piston style pumps, different sizes available
- 3A 3282 M & P single head depositor, pneumatic, stroke adjustable, 10ml up to 2 litre fills.
- 3A 3258 ADELPHI type "Centrair" bench top semi auto liquid filler, all stainless, pneumatic, product hopper, rotary valve.
- 3A 3218 ADELPHI "Centrair" bench top filler, all stainless, product hopper, rotary valve, pneumatic operation, on a s/s table.
- 3A 3217 ADELPHI "Centrair" bench top filler, all stainless, product hopper, rotary valve, pneumatic operation, on a stainless steel table

##### **TUBE FILLERS**

- 3B 3703 COMADIS model C90 fully automatic tube filling and sealing machine suitable for aluminium tubes
- 3B 2928 UNIPAC type S90 tube filler, hot jaw sealing system for thermoplastic tubes



#### **POWDER FILLERS**

- 3C 4036 PRECI srl model Abaco EW powder filler
- 3C 3978 ALLFILL powder filling machine

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

- 3C 3675 ILAPAK "Alfa400" 4 lane sachet filler, 200/min, 4 side seal

#### **PACKAGING MACHINERY**

##### **LABELLING MACHINES**

- 4A 4064 Werner Herman Contact 1000 labelling machine
- 4A 4063 Weyfringe Series 6000 labelling machine
- 4A 3974 PAGO model 15 E-i labelling machine (3 available)
- 4A 3977 PAGO model Pagomat 3 labelling machine
- 4A 3970 NERI SL400 labeller (2 available).
- 4A 3936 PAGO SYSTEM 214 top labelling machine
- 4A 3934 PAGO SYSTEM 214 top labelling machine
- 4A 3855 PAGO 100 labeller
- 4A 3158 HARLAND "Comet" labelling head with Allen hot foil coder attached
- 4A 3105 HARLAND "Sirius" automatic self adhesive wrap labelling machine in stainless new in 1997.Wrap station, with ICEcoder
- 4A 3022 HARLAND Minex automatic self adhesive labeller, two "Comet" labelling head for single side/front & back, label wraparound station
- 4A 2988 HARLAND "Proteus 155S single head top labelling machine

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

- 4B 4090 V2 model V106 automatic cartoning machine, max 100 cycles per min, suitable for small/medium sized products.
- 4B 4066 IMA K150 Cartonner, 2 available
- 4B 4062 Jacob White TFS carton closer
- 4B 3377 Domino DDC3 laser coder, all stainless steel construction, as new
- 4B 3376 Domino DDC3 laser coder, all stainless steel construction, as new
- 4B 3762 LINX high speed Laser coder.

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

- 4C 4093 Capcoder model CC550 automatic capping machine.
- 4C 4069 IMA Swiftpack cap tightener, complete with conveyor
- 4C 4045 OMAS screw capper complete with bowl feeder
- 4C 4012 King lsec capping machine
- 4C 4011 King Screw 8 head capping machine
- 4C 4010 King ROPP 8 head capping machine
- 4C 2544 PLASTIK TECHNIC VSM2 bench top semi auto screw capper, all S/S. 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 4059 Enercon Superseal, model LM5022,1 available
- 4D 3988 Enercon 3300 induction sealer
- 4D 3987 Enercon 3200 induction sealer.
- 4D 3933 KEINER SKINETTA ASK 2000 Overwrapper
- 4D 3277 MULTIVAC bag sealer type A300/16
- 4D 3215 WRAPS UK L sealer

#### **LINE MACHINERY**

- 4E 4052 Garvens VS2 checkweigher
- 4E 4009 OCS checkweigher
- 4E 3773 Thermo Ramsey inline checkweigher type RXM (Best 900 series)

#### **ANCILLARIES**

#### **BLENDING EQUIPMENT**

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

- 5A 4119 Erweka AR400 lab blender
- 5A 4015 Winkworth GU660 powder blender
- 5A 3891 Stainless steel paddle blade blender for use on liquids or powders. Gross capacity 3026 litres.
- 5A 3683 Apex 45kg stainless steel twin shell "V" powder blender, 400mm dia shells.
- 5A 3027 WARWICK polished S/S cube blender, 33 litres gross capacity, variable speed, batch timer
- 5A 2671 TP ENGINEERING type 755 small scale powder blender, 17mm dia x 375mm long glass Turbula product flask.

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

- 5B 4084 Silverson 450L on a mobile trolley
- 5B 4033 Silverson 450LS homogeniser
- 5B 4027 Ytron Y2.20 mixer
- 5B 3860 Ytron model ZPS 130 inline homogenizer, appears Unused condition, supplied with manufacturers manual
- 5B 3996 Silverson Verso bench top inline mixer.
- 5B 3994 Silverson L5M
- 5B 3724 SILVERSON "DX" drop in type homogeniser, 0.75kw 2,850 rpm, 415v, wall mount system with pneumatic raise/lower.
- 5B 3623 IKA Dispax lab scale homogeniser

#### **PROCESS EQUIPMENT**

##### **DRYERS**

**HEAT EXCHANGERS** (Stock items not yet itemised)

##### **MILLS**

##### **HEATING & COOLING**

- 6D 3819 TRICOOL T90E heating system.
- 6D 3613 "THERMOSAFE" induction heater for raising the product temperature in 205 litre drums, intrinsically safe EXd T3
- 6D 3612 "THERMOSAFE" induction heater for raising the product temperature in 205 litre drums, intrinsically safe EXd T3
- 6D 3611 "THERMOSAFE" induction heater for raising the product temperature in 205 litre drums, intrinsically safe EXd T3
- 6D 3610 "THERMOSAFE" induction heater for raising the product temperature in 205 litre drums, intrinsically safe EXd T3

##### **WEIGHING EQUIPMENT**

- 6E 2338 SARTORIUS type ISI 20 electronic platform scale. 20kg x 0.1gm. 400 x 300mm platform. Flameproof electrics. S/S. 1999.
- 6E 2337 SARTORIUS type ISI 20 electronic platform scale. 20kg x 0.1gm. 400 x 300mm platform. Flameproof electrics. S/S. 1999.

6E 1920 NOVAVEIGH type T6006-200 stainless steel 200kg load cell set combination wired. 14mm dia. Ex batch vessel.

### **FILTRATION EQUIPMENT**

#### **SIEVES & SIFTERS**

- 6F 4083 Russell Compact sieve
- 6F 4032 Lehmann VSM vibratory 2 deck sieve
- 6F 4029 Azo sifter
- 6F 3993 Russell Vibrasonic sieve, 36"
- 6F 3992 Russell Sieve, 22".
- 6F 3748 KEK GARDNER type K300C rotary powder sifter, 316L s/s, New in 2010 and remains UNUSED condition.
- 6F 2986 KEK KEMUTEK rotary sifter in stainless, flameproof drive

### **MIXERS**

#### **AGITATORS**

- 7A 4058 Premier mixer on a stand
- 7A 3984 Farley Greene mobile tank mixer
- 7A 2935 PREMIER pedestal mixer
- 7A 2584 PREMIER "Pilot" 2400M clamp on mixer. 0.37kw motor. 16mm dia x 465mm long S/S shaft with a 3 blade propellor.

#### **CHANGE PAN MIXERS**

- 7B 3782 HOBART model H600 heavy duty change pan mixer.

#### **PLOUGHSHARE MIXERS**

- 7C 3769 WINKWORTH type RT650 stainless steel ploughshare mixer, approx 1075 litre total capacity, 650-800 working capacity

### **PUMPS**

#### **CENTRIFUGAL PUMPS**

- 8A 3270 MIDLAND DAIRY type D3 4K, 316 S/S, 50mm RJT connections, 4kw drive. Brand new unused pump, still in packing case.
- 8A 3269 MIDLAND DAIRY type D3 4K, 316 S/S, 50mm RJT connections, 4kw drive. Brand new unused pump, still in packing case.
- 8A 2314 HILGE Hygia Super K I/306 in 316 S/S, 50mm dia ISS connections, 4kw 2900rpm shrouded motor

#### **POSITIVE DISPLACEMENT PUMPS**

- 8B 3693 BLACKMER "MOUVEX" C4ICVT rotary positive displacement pump, s/s, 1999
- 8B 3121 FRISTAM FLK25 S/S claw type pump for high pressure/suction viscous products, 300psi, 65/80mm dia RJT connections.
- 8B 3102 FRISTAM FLK25 S/S claw type pump for high pressure/suction viscous products, 300psi, 65/80mm dia RJT connections
- 8B 3101 FRISTAM FLK25 S/S claw type pump for high pressure/suction viscous products, 300psi, 65/80mm dia RJT connections
- 8B 3098 SSP T2 in 316 stainless, 50mm dia flanged inlet/outlet, 2kw drive + reduction gearbox.
- 8B 3097 SSP T2 in 316 stainless, 50mm dia flanged inlet/outlet, 2kw drive + reduction gearbox.
- 8B 3096 WAUKESHA size 25 in 316 S/S, 50mm dia ISS connections, 3hp motor + variable speed, S/S baseplate, ex food industry.
- 8B 3079 ALFA LAVAL NMOG/622, 316 S/S, 50mmdia connections, 5.5kw + variable speed, S/S baseplate, as new condition
- 8B 3078 ALFA LAVAL SX2/013/H, 316 S/S, 40mm dia connections, 0.37kw v/ speed 386-1480 rpm, S/S mobile base, UNUSED.
- 8B 3065 SSP AP100/BS, 25mm dia connections, 5 bar, 0.5kw drive, 282rpm pump speed.
- 8B 3064 SSP AP150/BS in stainless steel, 40mm dia RJT connections, 1.5kw drive, 611rpm pump speed.
- 8B 2982 SSP 100ND in stainless, pressure relief valve, 0.75kw drive, 25mm dia inlet/outlet.

- 8B 2950 MASO sine pump type SPS 2, 316 grade stainless, 50mm dia inlet/outlet connections, TRICLOVER hygienic fittings
- 8B 2714 MONO SJ500 1V Hygienic pump, 50mm dia inlet/discharge, 2hp, stainless, pump speed 200 – 900 rpm.
- 8B 2590 WAUKESHA 060 in stainless, 65mm dia connections, on a S/S baseplate, ex food industry.
- 8B 1921 MONO type SH60 D5 stainless pump ex food industry. 50mm dia flanged connections with valves. 3kw 1420 rpm 415v.
- 8B 1807 SSP rotary lobe pump type 100ND, ISS 1" connections. 1.4kw 415v 1400 rpm motor driving at 3:1 belt & pulley reduction.
- 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 1553 BLACKMER model 41 H2 internal gear pump. 316 stainless. 40mm flanged connections. Direct 920 rpm 0.75kw FLP motor.
- 8B 1227 SSP 130ND in S/S, 40mm dia ISS connections, 3hp belt & pulley drive.
- 8B 1153 SSP rotary lobe pump type AP100 CS8T, stamped 5 bar, 70°C, S/S mobile trolley, variable speed drive, 0.75 kw 3 phase

#### **DOUBLE DIAPHRAGM PUMPS**

- 8C 3267 FLOTRONIC all stainless double diaphragm pump, 25mm inlet/outlet hygienic, connection ports, "one nut" easy strip.
- 8C 3206 DELLMECO DM40/315/ptt in solid white Polypropylene, Teflon wetted parts, 40mm dia connections.
- 8C 3200 SSP Aluminium double diaphragm pump, 30mm dia inlet/outlet connections.
- 8C 3104 SANDPIPER CSP 14 hygienic double diaphragm pump, 50mm connections.
- 8C 3103 DEPA DL40 in 316 stainless steel, 50mm dia RJT inlet/outlet connections.
- 8C 3005 SANDPIPER CSP 14 hygienic double diaphragm pump, 50mm connections
- 8C 2195 ALMATEC model AD 20 STT-E double diaphragm pump in 316 stainless. Teflon internal parts. 200mm dia threaded ports.
- 8C 2022 SANDPIPER model SB1 A stainless steel double diaphragm pump, 40mm dia screwed connections.
- 8C 1608 ITT MARLOW stainless steel 1" double diaphragm pump.

#### **VACUUM PUMPS**

- 8D 3161 BUSCH "Huckepack" once through lubricated vacuum pump type E2M12
- 8D 3111 EDWARDS oil sealed sliding vane rotary vacuum pump,
- 8D 3080 EDWARDS model E2M5 two stage sliding vane rotary vacuum pump, 5.6cu.m/hour, 7.5 x 10<sup>-4</sup> Torr. ultimate vacuum.
- 8D 3035 EDWARDS model E2M12 two stage sliding vane rotary vacuum pump, 14.3cu.m/hour, 7.5 x 10<sup>-4</sup> Torr. ultimate vacuum.

#### **PERISTALTIC PUMPS**

- 8E 3157 ISOMATIC peristaltic pump.
- 8E 3033 WATSON-MARLOW type 701
- 8E 2727 WATSON MARLOW type MG0626.
- 8E 2275 WATSON MARLOW peristaltic pump type 601U 100. 0-100v DC supply variable speed. Plastic cover guard damaged.
- 8E 1686 WATSON MARLOW peristaltic pump type 701P/R compressed air driven. Speed control.
- 8E 613 WATSON MARLOW peristaltic pump type 602U 165, 200 v - 250 v 50 / 60 Hz,

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

##### **LABORATORY EQUIPMENT**

- 9 4040 CITO Unguator E/S, type 04E 100.
- 9 3965 Carbolite Oven.
- 9 3942 Gallenkamp Oven.
- 9 2724 SARTORIUS moisture analyser.

##### **UTILITIES**

- 10 4123 Sartorius 50 litre CIP system
- 10 4080 Quadro Vac model 820 pneumatic transfer system
- 10 3943 PCS mobile Vacuum Transfer unit.
- 10 3830 KTRON KVT35 feeder, twin screw feeder, inc vacuum system, Eexd FLP rated.
- 10 2964 TAWI Electrically operated (battery) work platform, 100kg max working capacity



2 Angel Park  
Drum Industrial Estate  
Chester le Street  
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DH2 1AQ



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**MISCELLANEOUS ITEMS**