

BOTTLE LINE EIGHT FOR SALE

PRESENTED FOR YOUR CONSIDERATION

By
CORPORATE MACHINERY
BROKERS

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ITEM Sheet No. 24400. Subject to Annexure A Conditions of Sale.

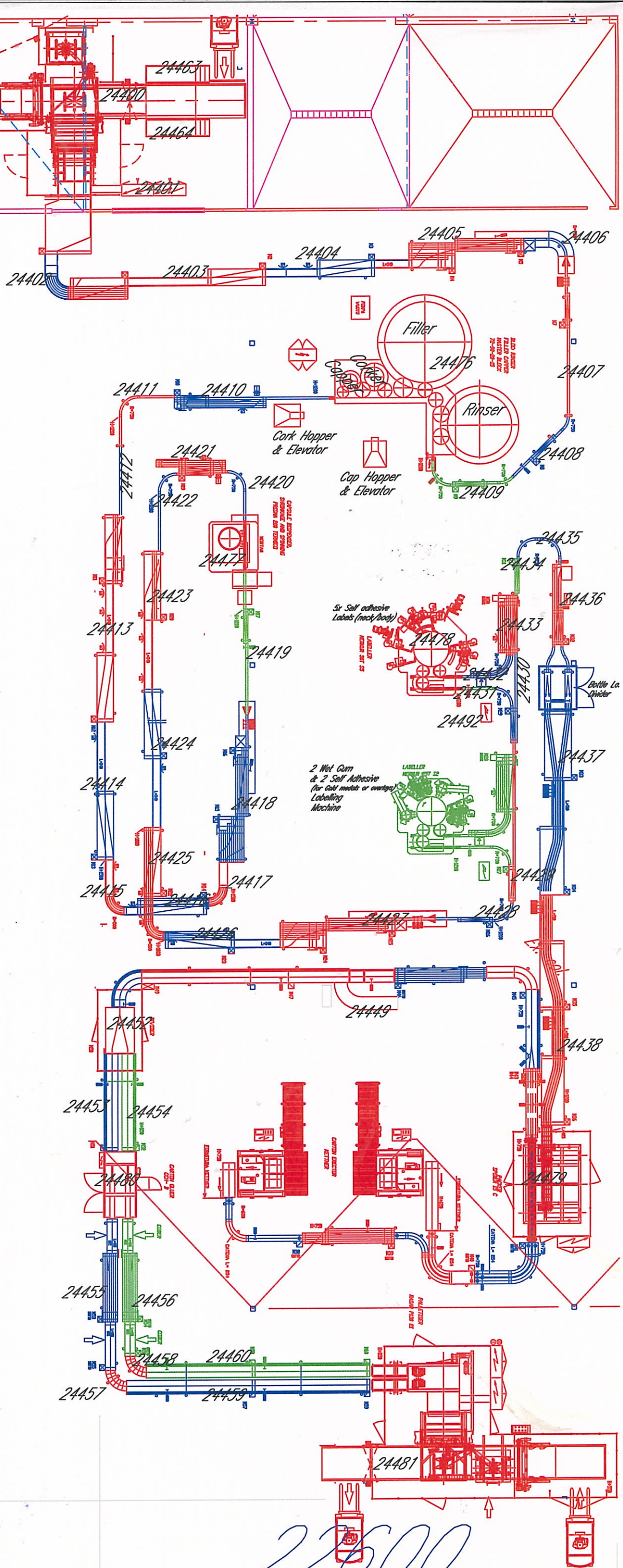
Bottling Line 8

Machine description and capability								
Plant Item	Brand name	Description	Performance with			Performance with		
			Units of	ROP cap		straight wine cork	units per	
				minute	hour			units per
Bottle conveyors	ACMI	Premium quality s/s bottle conveyors with 3½" XLG chain configured to achieve adequate accumulation to run wine bottles at 350 bottles per minute at 85%efficiency. Contoured guide rails provide ability to run tapered bottles.Control-liner singliser system ensures pressureless conveying	bottles	1000	60000	1000	60000	Crew
Bottle depalletiser	ACMI	ACMI full auto sweep off 4 sweep/min	bottles	1000	60000	1000	60000	1
		Promec 72 valve single channel rinse BC 90 valve electropneumatic gravity filling machine for wine with preevacuation. Fully automatic CIP enabled when connected to a CIP system	bottles	350	21000	350	21000	
Rinsing filling closing	BC(+various)	AROL straight wine corker 20 station with elevator	bottles	250	15000	350	21000	1
		Aro/ ROPP capper 15 spinning heads (30mmx60mm)	bottles	N/A		350	21000	
Fill presence	FT systems	Check fill height and closure presence and reject bottles not in specification	bottles	350	21000	N/A		
Capsule Dispenser/Finisher	Nortan	Dispenser and rotary heat shrinker 20 heaters	bottles	450	27000	450	27000	
Labeller 1-Self Adhesive	Kosme/Etipack	5 etipack self adhesive dispensers (3front/neck labels + 2 back labels) Label presence control.Rejects bottles without labels	bottles	360	21600	350	21000	
Labeller 2 Wet Gum	Kosme/Etipack	2 wet gum groups front and back labels with self adhesive oversticker capability. Label presence control	bottles	416	24960	416	24960	1
Carton Former	Kettner	2 identical machines. Each form die cut blanks around a mandrel and seal the base. 2x40 ctn per min	cartons	400	24000	400	24000	
Bottle Packer	ACMI	Pick and place 60 bottle 8cycle/min	bottles	40	2400	40	2400	1
Case sealer	ACMI	Dual lane top sealer40ctns/min/lane	cartons	480	28800	480	28800	
Palletiser	ACMI	Dual lane carton infeed. Pallet magazine capacity 20+20 pallets	cartons	40	2400	40	2400	
Carton check weigher	ACMI	weigh cartons to ensure the correct number of bottles are present. Rejects cartons not in specification	cartons	80	4800	0		1
Carton conveyors	ACMI	Empty carton conveyors are slat type chain. Conveyors for filled cartons are roller type conveyors with rollers closely space to ensure small cartons are transported smoothly. Sufficient accumulation for continuous operation.	cartons	80	4800			
			Bottle rate	250	15000	350	21000	5

Bottle formats available		Bottle formats capable			
		Both 6 and 12 pack Bottle manufacturer mould number (Oi)	AMCOR	diameter	height
Claret		15590 AG011		75.6	285
		5362 AG041		76.7	298
		30099		76	310
		30566		75	303
		30570		74.2	284
Burgundy		30164 (tapered)	AG104	73.9	297
		5399 (1 litre cork)		77.9/72.4	303
		30168		79.6	334
		30143 AG031		75.7	284
		30163 AG044		76.2	297
		30278 AG045		76	309
				77.6/72.1	302
		5376	AG066		
		15588 AG010		79.6	285
		30096		80.5	298
		30097		83.9	295
		30169		83.6	295
		30567		79.6	284
		30571 AG111		78.1	284
		5402 AG056		77.5	297
		30277		80.5	298
				83.6	294

Change over time (with standard crew)		hours
Full Line Change		1
Bottle Change Only		1
Hdy EmBossed Bottle - To/From		2
Packer Change - 6-12pk 12-6pk		1
Wine Change Only		1
Label/Capsule/Cork Change		0.5
Stencil Change		0.25
Hotwash		N/A
Sterilization		3

64000



22600

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WE HAVE BEEN INSTRUCTED TO OFFER FOR SALE a Major Wine Bottle Filling, Labelling, Packing Line, described by the Proprietors as..... Line 8. Located in South Australia.

The capacity is as follows:

Screw cap: Maximum rate 245 bottles per minute.

Corked : Maximum rate 350 bottles per minute.

REASON FOR SALE:

- 1] Transfer of bottling process closer to consumer market in Europe.
- 2] Overseas Government charges increased on imported bottle products compared to bulk supply.
- 3] To move existing production line was analysed to be more expensive as up to a years stock supply would have to be produced, shipped and warehoused before transferring, reassembling and testing of line 8. A new line has been installed in Europe and is in operation now.

ON THE HOME PAGE OF www.machineryshowroom.net YOU CAN VIEW A SUMMARY OF INCLUSIONS BY TYPING EACH CODE INTO THE BOX AT THE BOTTOM OF THE HOME PAGE.

CODE

A] Scale drawing of the total Bottle Line 8 layout and Area. A

B] Summary Description of items included and range of bottles filled. B

C] Numerical Catalogue: 1] Listing Items Included. C1

1A] Introduction to Drawing, items and illustrations. C1A

2] Attached to every illustrated item

{over 300 illustrations } from De-Palletising Bottles to Re-Palletising. C2A

C2B

C2C

C2D

C2E

D] Illustrations of sixteen computer screen Performance Charts D

E] 1] Operating and maintenance manuals. E

2] Staff requirements. E

3] General, electrical, mechanical, pneumatic and sundry requirements. E

4] Spare parts stock list. E

F] Capability to fill water bottles. F

INSPECTION BY APPOINTMENT ONLY

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Sticker
number

Description

24400 Main group

24401 Depalletiser cabinet

Bottle conveyors

24402 multilane exit depal to end of first bend

24403 Multilane including 2 crossovers to Motor 2

24404 Multilane including crossover to Motor 3

24405 Multilane + singliser to motor 5

24406 Single lane from singliser to end of bend

24407 Single lane from bend to 45° bend

24408 Single lane from start of 45° bend to start of next 45° bend

24409 Single lane from start of 2nd 45° bend to end of 90° bend (entrance to filler)

24410 Single lane and rejection table from exit filler to Motor 10

24411 single lane from M10 around bend to next join

24412 Single lane to start of accumulation table

24413 Multilane accumulation spreader section to Motor 12

24414 Multilane section including crossover to Motor 13

24415 Multilane sections including multilane 90° bend

24416 Multilane section including crossover to Motor 14

24417 Multilane 90° bend + straight to start of singliser

24418 Singliser conveyor to start of ramped guides

24419 Single lane conveyor to start of capsule dispenser

24420 Single lane conveyor from capsule dispenser outlet in cluding 90° bend

24421 Capsule dispenser rejection conveyor multilane

90° bend single lane from capsule dispenser rejection to start of accumulation spreader

24422 spreader

24423 multilane accumulation spreader + multi lane to start of next crossover

24424 multilane crossover section including Motor 21 + multilane to next crossover

24425 Multilane 90° bend

24426 multi lane crossover conveyor with motor 23 + multilane to singliser

24427 Multilane singliser to ramped guides

24428 single lane conveyor + 90° bend

24429 Single lane conveyor with one crossover

Single lane conveyor forming a T with crossover & 90° bend entrance to

24430 labelling machine

24431 Single lane conveyor entrance to labelling machine

24432 Single lane conveyor expanding to multilane 90° bend exit of labelling machine

24433 Multilane conveyor -rejection table for labelling machine

24434 single lane crossover

24435 Single lane long radius 180° bend

24436 Crowned lane divider 1 lane to 2 lanes

24437 Gate style lane divider 2 lanes to 4 lanes+ multilane divided conveyor

24438 Multilane divided conveyor - entrance to packer

Carton conveyors for empty cartons

consist of wide low friction tab chain conveyors

24439 Single lane straight section from carton erector 1

24440 Single lane 90°bend

24441 Single lane straight section to start of turning station

24442 Wide empty carton turning station

24443 Single lane 90°bend

24444 Double lane divided conveyor 90° bend + straight section

24445 Double lane divide conveyor straight sevtion +90° bend

Carton conveyors for full cartons

Unless stated powered roller conveyors with closely spaced centres

24446 Powered straight roller conveyor to Motor 45

24447 Gravity roller 90° bend + straight section

24448 Stainless steel slat carton turning conveyor

24449 Gravity carton rejection conveyor includes 90° bend

24450 Powered straight roller conveyor to Motor 49

24451 Powered 90° roller bend

24452 Carton lane divider 1 lane to 2 lanes (sliding plate type)

24453 powered straight roller conveyor to motor 51

24454 powered straight roller conveyor to motor 52

24455 carton spacing and marking station slat type conveyors to motor 55

24456 carton spacing and marking station slat type conveyors to motor 56

24457 Gravity roller 90° bend

24458 Gravity roller 90° bend

24459 Powered straight roller conveyor motors 57 & 59

24460 Powered straight roller conveyor to motors 58 & 60

Platforms to access machines

access step to accumulation conveyors "upstream" of filling machine -aids

24462 cleaning

24463 Access platform to cut plastic from pallets of empty bottles (rear)

24464 Access platform to cut plastic from pallets of empty bottles (front)

24465 Ladder stairs and platform to access rear of rinser

24466 Platform to access from of filler monoblock

24467 multilevel acces platform for screw cap hopper corker and filler

24468 Stairs and platform to cross conveyors to rear of filling machine

Mobile access steps & platform to access accumulation conveyors for cleaning

24469

24470 Multilevel platform to access capsule dispenser

24471 Ladder stairs and platform to access rear of capsule dispenser

24472 Access platform to entire perimeter of labelling machine

24473 Stairs and platform to cross conveyors to access rear of lane divider

24474 Stairs & platform to access packer bottle infeed

24475 Stairs & platform to cross carton conveyors

Major plant items

24461 Depalletiser - ACMI High speed sweep off style (reverse taper bottle capability)

Rinser **Filler** Corker & Capper monoblock

Rinser-Promec 72 valve single channel rinse

Filler-BC 90 valve electropneumatic gravity filling machine for wine with pre-

evacuation. Very low oxygen pick up. Fully automatic CIP enabled when

24476

connected to a CIP system

Corker-AROL straight wine corker 20 station with elevator

Capper-Arol ROPP capper 15 spinning heads (30mmx60mm)

Filler monoblock electrical control cabinet. Contains Motor inverters PLC and

24514 safety PLC. A substantial upgrade was undertaken to give the machine the

capability to be safely jogged by pendant with 2 doors open

24477 Capsule Dispenser *Nortan* Dispenser and rotary heat shrinker 20 heaters

Self adhesive labelling machine *Kosme* 30 bottle platform, Parallel infeed, 5
 etipack self adhesive dispensers (3front/neck labels + 2 back labels) Label
 presence control. Rejects bottles without labels. Memorises more than
 100 different label set up for fast change over. 2 large reel unwinders ensure
 increased intervals between label reel changes.
 24478 Labelling machine control cabinet. Contains inverters for motors and PLC
 24479 Packer *Acmi* Pick and place 5 dozen per cycle - 8 cycle/min
 Carton former 1 Kettner/Krones. Erects cartons from a die cut flat blank.
 Bottom flaps and vertical joint are glued with hot melt glue speed - not less than
 20041 40 cartons per minute.
 Carton former 2 Kettner/Krones. Erects cartons from a die cut flat blank.
 Bottom flaps and vertical joint are glued with hot melt glue speed - not less than
 20043 40 cartons per minute.
 Carton sealer *CIMA* Dual lane top sealer 90 cartons per minute Robatech 8
 24480 litre glue system
 Palletiser *Acmi* Dual lane carton infeed. Pallet magazine capacity 20+20 pallets.
 24481 Robatech pallet tack hot melt unit.
 24494 Palletiser control cabinet. Houses motor drives PLC and safety controls.
 Main switch board for whole bottling line. Power to all machines is distributed
 24482 from this point.
 Control liner 1, *ACMI* Controls conveyor speeds by measuring distance
 between necks of bottles entering the filling machine. This ensure minimal
 24483 pressure on bottles which is critical for tapered bottles and taller bottles
 Cap Elevator *AROL*. Hopper and elevator to lift caps from operator level to cap
 24484 sorter. Capacity is not less than 20 minutes running time
 Cork elevator *AROL*. Hopper and elevator to lift caps from operator level to cap
 24485 sorter. Capacity is not less than 20 minutes running time
 Fill height checking FT Systems. Checks for cork, cap and correct fill points.
 Bottle not meeting specification are expelled to the rejection area. Outputs exist
 24486 to determine the source of the reject.
 24487 Gas mixer Air Liquide. Mixes desired blanket gas for the filling machine.
 24488 not for sale (wine recovery tank)
 Control liner 2. *ACMI*. Controls pressure on bottle on entrance to the capsule
 24489 dispenser. Similar to unit 1
 Control liner 3 *ACMI*. Controls pressure on bottles on entrance to labelling
 24490 machine. Similar to unit 1

Accessories
 24491 Change part trolleys for packing area 10off
 Corker jaws cabinet with complete duplicated set of jaws with blocks. This
 enables 1 set of jaws to be cleaned while the other is running which saves
 24493 several hours of production time on a large bottling line.
 Format set for packer 84 diam bottle includes gripping heads and centring
 24495 frames for both 6 & 12 pack
 Format set for packer taper claret bottle includes gripping heads and centring
 24496 frames for both 6 & 12 pack
 Format set for packer 80.5 diam bottle includes gripping heads and centring
 24497 frames for both 6 & 12 pack
 Format set for packer 79 diam bottle includes gripping heads and centring
 24498 frames for both 6 & 12 pack
 Format set for packer 75.6 diam bottle includes gripping heads and centring
 24499 frames for both 6 & 12 pack
 Format set for packer 76 diam bottle includes gripping heads and centring
 24500 frames for both 6 & 12 pack
 Format set for packer 74 diam bottle includes gripping heads and centring
 24501 frames for both 6 & 12 pack

24502 Not for sale
 24503 Label printer applicator Fox iv prints a bar code label and applies it to each
 24504 carton
 Label printer applicator Fox iv prints a bar code label and applies it to each
 24505 carton
 24506 Ink jet coder Matthews Large character ink jet printer for lot coding cartons

General Specification of Components of Plant Items

General Electrical Specification

- Control voltage to be 24V
- All electrical plant to be rated not less than IP55
- All PLC's shall be Allen Bradley 5/05
- All machine panel views to be Allen Bradley Panel view plus.
- All PLC programs to have positive confirmation of "relays" in lieu of latch and unlatch. (ie resetting machine leaves no previous conditions in memory)
- Electrical control cabinets housing a PLC, shall also contain a 10 amp Australian standard GPO protected by a residual current device.
- All Plant items to be designed to minimise the electric current required, and shut down automatically when not required.
- All electrical devices shall cause minimal voltage drop on starting.
- All electrical components to be protected from 'sags', 'surges' or 'spikes' in power supply.
- All electric cables shall be labelled with device and terminal number each end.
- All speed controls to be performed by Danfoss inverters, each with it's own operator.
- All inverters not mounted on motors, to be correctly insulated to eliminate interference with PLC's
- All signal cables to inverters and output cables from inverters to be shielded.
- Earth leakage circuit breakers to each machine (not 1 overall).
- All safety door switches to be Schmersal 2 pole double redundancy with indicator.
- All photocells to be plug type with indicator. (SICK preferred)
- Motor Overloads to have external reset, with ability to be reset 3 times in 10 minutes. 1 extra reset to be done from inside electrical cabinet.
- Machines to be installed with a Neutral terminated in control cabinet.

General Mechanical Specification

- All motor and gearboxes to be SEW or immediately interchangeable.(and the latest model)
 - All mechanisms(eg gearboxes) containing lubricants operating over open wine bottles to be pre-filled with food industry approved lubricants of appropriate viscosity.
 - Stainless steel "droppers" containing cables and pipe work, to be attached to the floor, and in the ceiling space to ensure ceiling is not damaged by small horizontal forces.
 - Butterfly valves to be Keystone F250 series.
- ### General Pneumatic Specification
- All air control equipment shall be SMC or immediately interchangeable, and be current models available in Australia.