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# Budgetary Equipment Proposal

**Bottle Unscrambler Model SortStar  
Monoblock Model EKLIPS 32-8  
Labelling Machine Model MonoStar Pharma**

**Quote Reference: CQC-25-2628R5-NP**

**Date: Friday, April 11, 2025**

**Presented to:**



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## Project Contacts



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## Project Technical Specifications

### Components Reference Pictures &/or Drawings

Not Available

### Components Detail Chart

Ref #	Bottle Size (mm)	Bottle Capacity	Neck Opening (mm)	Projected Speed
1	Ø	60ml	Ø	Up to 250BPM

### Equipment General Specification

Line Direction	Conveyor Height / Width (mm)	Power	Compress Air Requirement	Noise Level
From left to Right	H 915 ± 38 H 36" ± 1.5" Width 114 (4.5")	220 Volts, 3 Phases, 60/50 Hz + Neutral	(90 PSI) 6.9 Bar	≤ 85db

	<p><b>WARNING:</b></p> <ul style="list-style-type: none"><li>Production speeds mentioned in this offer are based on the information we've received and are calculated to give a projected output speed for the proposed equipment.</li><li>More accurate speeds can be given upon testing with actual components and product samples. Speeds may also vary depending on the quality of the components and the treatment time.</li></ul> <p>This quotation may be subject to modification and/or changes upon:</p> <ul style="list-style-type: none"><li>Further examination of actual project components and/or relevant drawings with their tolerances.</li><li>Further examination of the actual conditions for the integration of Capmatic equipment with the existing downstream installations at the customer's premises.</li></ul>
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## Equipment Configuration and Price

Qty.	Description	Unit Cost	Selected Item
1	<b>Bottle Unscrambler Model SortStar XL</b> <ul style="list-style-type: none"><li>• Safety guarding with interlock Lexan doors</li><li>• Outfeed tunnel extension safety guards</li><li>• Integrated hopper feeder</li><li>• Pre-feeder container elevator</li><li>• Low level hopper sensor</li><li>• Adjustable in height ±50 mm (2")</li><li>• SMC Bottle Blowing System with Feedback</li><li>• Machine controlled with B &amp; R Industrial P.L.C.</li><li>• 255mm (10") multi-colour touch screen control interface</li><li>• Two (X 2) axis swivel panel control</li><li>• Three (X 3) colour status beacon light with audible alarm</li><li>• Pressure gage for air rinse on HMI</li><li>• Machine to be connected to existing conveyor</li><li>• Machine accepting conveyor height of 915mm ±38 mm (1.5")</li><li>• Canadian Standard Association (CSA) Certificate</li></ul>		Included
1	<b>Over Size Hopper (45ft³)</b>		Included
1	<b>Tiger Vacuum System</b>		Included
1	<b>Top Lexan Cover Plate</b> Covering the machine safety guard provided with the machine		Included
1	<b>Automatic Fallen or Inverted Bottle Detection System</b> <ul style="list-style-type: none"><li>• Two (X 2) reading sensor for bottle positioning</li><li>• Micrometric adjustment system for each sensor</li><li>• Pneumatic air blast</li><li>• Recycling chute in stainless steel into the main hopper</li><li>• For speeds, up to 250 BPM</li></ul> Available only with over size hopper 680 liters (24 ft³)		Included
	<b>Automatic Pallet Lifter</b> <ul style="list-style-type: none"><li>• For Gaylord pallets size: 46" X 34" X 51"H</li></ul>	134,950	
1	<b>(20 ft) Motorized Section of Vacuum Conveyor</b>		Included

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Qty.	Description	Unit Cost	Selected Item
20	<b>Each 305 mm (12") section of S/S 304 Tunnel Over the Conveyor</b>	0,500	10,000
1	<b>Fallen Bottle Diverter</b> <ul style="list-style-type: none"><li>• Before entry of filler</li></ul>	1,250	Included
1	<b>Monoblock system Model "EKLIPS 32/8-MM"</b> <ul style="list-style-type: none"><li>• 4877 mm (16-ft) section of motorized conveyor</li><li>• Continuous motion bottle indexing</li><li>• One filling station with twenty-four (X 32 Gravity fill)</li><li>• Automatic Tank agitator</li><li>• One automatic cap sorting device</li><li>• Pick &amp; Place system</li><li>• Eight (X 8) capping heads capping heads</li><li>• Final magnetic slip clutches torque control</li><li>• Machine controlled with B&amp;R Industrial P.L.C.</li><li>• Twin axis swivel panel control</li><li>• 255mm (10") multi-colours touch screen control interface</li><li>• Three (X 3) colours status beacon light</li><li>• Automatic Sampling Station</li><li>• Euroguarding system with interlock tempered glass doors</li><li>• One set of bottle change parts</li><li>• One set of cap change parts</li><li>• Canadian Standard Association (CSA) Certificate</li></ul>		Included
1	<b>Automatic Components Elevator Hopper Feeder</b>		Included
1	<b>Top Lexan Cover Plate</b> Covering the machine safety guard provided with the machine		Included
1	<b>AI Camera Vision System</b>		Included
1	<b>Fallen Bottle Diverter</b> <ul style="list-style-type: none"><li>• Before entry of Labeller</li></ul>		Included
	<b>"C.I.P." Recovery Tank</b> System to be used with Capmatic fully automatic C.I.P. system <ul style="list-style-type: none"><li>• 500-liter recovery tank</li><li>• Atmospheric tank</li><li>• Level sensor</li><li>• Spray Ball</li></ul>		Included





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Qty.	Description	Unit Cost	Selected Item
1	<b>Labelling Machine Model "MonoStar Pharma V - LSA-100 X"</b> For stable base container coming from a motorized conveyor <ul style="list-style-type: none"><li>• 1830mm (6 ft) Infeed motorized conveyor</li><li>• Independent indexing feed screw and star wheel system for the stable base container</li><li>• Continuous motion star wheel transport system with rollers guiding system</li><li>• Two (X 2) electronic labelling head model LSA 100X</li><li>• Maximum width of paper 100 mm</li><li>• Maximum dispensing speed of 80 meters per minute</li><li>• Eagle eye label detection sensor</li><li>• Low level label sensor</li><li>• Automatic sliding table to pull back the labelling heads to roll change</li><li>• Reject station with Vacuum star wheel system</li><li>• 1830mm (6 ft) out feed motorized conveyor for stable base container</li><li>• Machine controlled with Industrial P.L.C.</li><li>• 255mm (10") multi-colour touch screen control interface</li><li>• Three (X 3) colours Stats beacon light</li><li>• Low level sensor</li><li>• Euro guarding system with interlock tempered glass doors</li><li>• One set of container change parts</li></ul>		Included
1	<b>"L" Shape Arm for Vision /Coding System Installation</b>		Included
2	<b>Domino® Thermal Transfer Printer Model Vx350i (53mm)</b>	30,000	60,000
2	<b>Cognex Camera Vision System for Web Inspection</b> OCV/OCR and Barcode Verification	27,950	55,900
1	<b>Cognex Camera Vision System for Label Present</b>		27,950
75	<b>Each feet of Machine Wire-Way Connection in S/S</b>	1,200	90,000
1	<b>Dual Lane Bottle outfeed in Bins</b> One per each line		Included
1	<b>Two (X 2) Years (24 months) Warranty Period</b> For all parts, except for pieces with normal wear or that receive any excessive manipulation or were used out of specification (shipment and labour extra) <ul style="list-style-type: none"><li>• <u>Mechanical parts:</u> A period of two (X 2) years, 30 days following equipment leaving Capmatic premises, or up to a maximum of 4,000 hours of operations. whichever occurs first</li><li>• <u>Electronic parts:</u> A period of two (X 2) years, 30 days following equipment leaving Capmatic premises, or up to a maximum of 4,000 hours of operations</li></ul>		Included





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Qty.	Description	Unit Cost	Selected Item
1	<b>Remote Technical Services</b> <ul style="list-style-type: none"><li>• Remote Technical Service starter pack (Secomea)</li><li>• + 25 hours remote technical assistance</li></ul>		Included
1	<b>Manual Instruction Supply with all Selected Equipment (French &amp; English)</b> Complete electronic file (USB, Hyperlink or CD) of: <ul style="list-style-type: none"><li>• Service manual with mechanical, electric, pneumatic, and electronic drawings</li><li>• General maintenance schedule and description</li><li>• Capmatic ordering part numbers</li><li>• One operator manual with troubleshooting, step by step change over procedure and set up sheet</li></ul>		Included
1	<b>FAT / SAT Protocol Package</b> <b>(For the selected Item only)</b> <ul style="list-style-type: none"><li>• Include one round of document review/comments by the customer</li><li>• Factory Acceptance Test protocol documentation and support</li><li>• Site Acceptance Test protocol documentation</li><li>• Support will be supplied during Start-up and commissioning selected period</li></ul>		Included
1	<b>Start Up and Commissioning at Site Plant</b> <b>(For the selected Items only)</b> By One qualified Capmatic technician, for a period of 5 working days based on an 8-hour shift, overtime excluded <ul style="list-style-type: none"><li>• <b>Excludes:</b> Air fare, hotel, food, and local transport</li><li>• Local transport should be supported by the client or the agent</li></ul> <p>Note: Any extra day required to finalize the start-up, commissioning, training validation support, etc. will be charged at current list price showing in this offer</p>		Included
	<b>Total Price (Canadian dollars)</b>		<b>\$ 1,800,00.00</b>
	<b>Partnership Discount</b> <ul style="list-style-type: none"><li>• Discount includes \$25,000.00 Sortstar belts Agreement</li></ul>	<b>\$ (125,000.00)</b>	
	<b>Total Price (Canadian dollars)</b>		<b>\$1,675,000.00</b>

Note: The technical description of all the equipment quoted can be found on the following pages.

TBD: To Be Determined





## Machine Technical Specifications

### Bottle Unscrambler Model SortStar

For arranging and conveying plastic containers at a speed of up to 300 BPM (depending on the bottle size and shape).

- Bottle diameter from: 25 to 125 mm
- Bottle height from: 50 to 210 mm
- Bottle neck opening (minimum) Ø12 mm

#### Machine Base:

- Machine frame in anodized aluminium and stainless steel
- Totally enclosed with stainless steel 304 sheeting
- Lockable movable doors which give access to the internal parts
- Adjustable levellers for inline positioning
- Adjustable in height ±38 mm (1 ½ ") for ease in levelling of the equipment.
- Interlocked Lexan guarding automatically stops the machine if one of the doors is opened
- Machine base integrated with loading hopper in stainless steel 304
- Detection of component level in the integrated elevator hopper by photocell
- 150 mm (6") clearance from the base to the ground



#### Bottle Handling System:

- Fixed speed motorization of horizontal and vertical elevator belt
- Lifting conveyor belts in white polyurethane
- Lexan covering of the front vertical side of the elevator
- Centrifugal sorting system with variable speed control
- Motorized rotary blades to remove excess bottles at the outfeed and return them to the sorting bowl
- Stainless steel sorting wall support
- First set of motorized lateral belts for outfeed bottle spacing before pneumatic lifting arm
- Pneumatic lifting arm with adjustable pressure (used to orient containers in upright position before discharge)
- Adjustable mechanical cam to bring bottle back into upright position
- Easy, toolless, no change parts, size changeover done with only 3 handwheel adjustment system
- Handwheel adjustment with numerical counters for fast, repeatable set-ups
- Independently adjustable speeds for pacing and transporting conveyor belts
- Bottles exit machine in an upright position, moving onto an existing conveyor





### SMC Bottle Blowing System Assisted with Vacuum Unit

- Upside down flip arm mounted on the conveyor belt of the unscrambler
- Bottles will be treated upside down ensuring elimination of particle
- Blowing station with eight (X 8) fixed ionized blowing nozzles to help removing the static commonly seen with plastic bottle.
- Cleaning sequences assisted with Vacuum system for particles aspiration
- Once bottle has been treated, they are put back in the up-right position to exit onto a conveyor.
- Air blowing fault alarm
- SCM nozzle fault alarm
- Vacuum fault alarm
- All alarms monitor through the HMI

N.B. this system cannot guarantee the perfect elimination of all particles from inside or outside the bottles



### Machine Status Beacon Light (3 colours)

Equipment status easily identified from a distance

- Solid Red = machine stop
- Flashing Red = emergency Stop
- Solid Yellow = stopped for alarm
- Flashing Yellow = low component warning
- Solid Green = machine running
- Flashing Green = machine in Stand-By Mode (automatic restart)

### Control System:

- Stainless steel panel control
- Stainless steel, tubular holding post with twin axis swivel control panel
- Emergency Stop on the control panel
- Machine controlled with industrial PLC
- 255 mm (10") multi-colour touchscreen control interface
- HMI resolution of 1024 X 600
- Ethernet connection (required IP address)
- Programmable conveyor, feeder speed, etc.
- Capable of memorizing multiple recipes
- Capable of normal machine operation with alarm display
- Possibility to have different language interfaces
- Multi-level password protected screens for different access control



### Equipment Specifications, Utility and Installation Requirements:

- 220 volts, 3 phases, 60 Hz, 15 amp
- Power consumption 4 kw
- Air requirement 90 psi (6.9 bar),
- Air consumption 1 CFM (28Lt./m)
- Air regulator with filter with 1/4" quick connect male with 1/2" NPT
- 21 CFR part 11 Ready
- Built in accordance with North American standards (UL) and CSA (Canadian Standard Association)

Note: Specifications may vary depending on final equipment configuration and the options selected





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### **Quick Changeover features:**

- Dial indicators and or reference counters/scales are used to obtain quick, repeatable changeovers.
- Exit door with reverse horizontal conveyor to eliminate any bottles left in the system
- All mechanical adjustments are done using numerical counters for reference to create easy changeovers
- No change parts required

### **Section of Capmatic Motorized Vacuum Conveyor**

- 3050 mm (10't) section of Vacuum conveyor
- Closed stainless-steel channel for Vacuum purposes
- Modular concept for flexibility and introduction into production line
- Variable speed control
- Regenerative Blower (220 Volt single phase)
- Transporting perforated Delrin chain of 114 mm (4 ½") wide
- Value Guide single adjustable side rail with Teflon strip
- Adjustment system without the use of any tools
- Foot leg support with adjustable height and stabilizer foot to ease up inline positioning

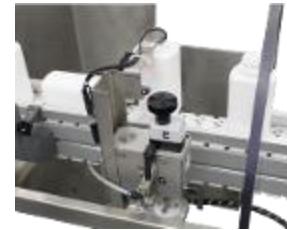


### **Automatic Fallen or Inverted Bottle Detection System**

#### Included:

- Two (X 2) reading sensor for bottle positioning
- Micrometric adjustment system for each sensor
- Pneumatic air blast
- Automatic recycling stainless steel chute into the main hopper
- For speeds, up to 250 BPM depending on the bottle to handle

Available only with over size hopper 680 liters (24 ft<sup>3</sup>)



### **Automatic Pallet Lifter**





## Rotary Monoblock Filler / Capper Model. EKLIPS 32/8

Automatic rotary continuous motion system to fill liquid and semi viscous product with gravity technologies and to apply a plastic screw cap utilizing servo motor for cap height differential and torque control

### Composed of:

- 32 volumetric Gravity filling
- One closing turret with 8 placement heads to apply a screw cap

### Machine Complete with:

- One set of bottle change parts
- One set of plastic screw cap change parts

### Machine Specifications:

- Bottle maximum diameter of 85 mm
- Bottle maximum height of 250 mm
- Cap maximum diameter of 85 mm
- Cap maximum height of 250 mm

### Machine Base and Mechanical Feature:

- Frame is made of two (X 2) 24 mm tick carbon steel plate supported with multiple scare carbon steel tubing protected with special anti-rust paint completely covered with stainless steel 304 sheeting
- Top plate of the base completely sealed against liquid infiltration protecting all internal mechanical parts
- Machine resting on multiple stabilizer feet adjustable from ± 38mm (1.5")
- Electrical and mechanical part located inside the machine frame for a complete protection
- Motorized height adjustment allows the machine to handle containers of differing heights
- Upper mechanic (capping turret) completely covered with stainless steel for easy maintenance
- Wide lockable inspection doors for routine maintenance
- 150 mm (6") clearance from the base to the ground
- The machine upper-plane is made of stainless steel 304 with appropriately positioned drainage channels to allow continuous drainage of liquid accumulating on the filler table
- All superior parts are perfectly seal to eliminated the chance of liquid introduction inside the base

### Bottle Handling System:

- 4876 mm (16') section of motorized conveyor in stainless steel with variable speed
- Transporting Delrin chain of 114 mm (4 ½") wide
- Adjustable side rail without the use of any tools
- Indexing of the container into the filling machine by infeed screw
- Special sensor on the infeed screw stops the machine in case of any fallen bottle
- Bottles are then transferred on mechanical bottle holder with elevation system to secure the bottle directly under the filling nozzle
- A cam releases the bottle from the transporting holder directly onto a transfer star wheel to the capping turret
- Out feed star wheel will release the capped bottle directly onto the exit conveyor
- One transporting star wheel with guide

### Filling Group:

- Thirty-two (X 32) gravity filling
- A feeding Manifold in stainless steel 316 meeting all sanitary rules distribute evenly the product to each filling nozzle





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- All piping attachment system are mounted with « TRI-CLAMP » system to ease up dismantling and mounting of piping
- As the pressure is constantly in evolution the filling pump will continuously automatically be adjusted keeping a constant pressure inside the system guarantying precision fill
- Pump is control with an AC drive motor with electronic variable speed system
- Fill level can be guaranty up to  $\pm 1\text{mm}$  depending on the bottle nature and configuration
- The filling valve is manufacture with a centring device ensuring good positioning of the bottle under the filling nozzle and leaving enough space for the air inside the bottle to escape while filling

### CIP System Cleaning in Place:

- The C.I.P. In the EKLIPS is a built-in system where only nozzle covers are attached to the nozzles creating a close loop pressurized system capable of performing a current and counter current C.I.P. or S.I.P. ensuring cleanliness of the equipment
- Out-feed manifold to recuperated all cleaning solution manufacture in stainless steel 316
- All piping attachment system are done with sanitary connection « TRI-CLAMP » system to ease up dismantling and mounting of piping
- Stainless steel nozzle covers are installed with sanitary connection « TRI-CLAMP » attachment to ensure the cleaning of the outside part of the filling nozzle
- The C.I.P. system is very efficient to clean the machine and the outside pat of the nozzles; it is using current flow and can be event steam treated or chemically treated using counter current flow at an approximated pressure of 3 bars
- Because of the special design C.I.P. system there is no need to have the machine rotating while doing C.I.P. so the operator can even perform the mechanical change over while C.I.P. is in operation
- A start up C.I.P. cycle is pre- program in the machine HMI, only installation of the nozzles covers is required to perform the cleaning cycle
- Cleaning solution, recuperation tanks, additional valves to connect to the machine are not included in this proposal any additional items will be charge at extra
- One basic C.I.P. cycle is supplied with the machine, further program development on site will be charge at extra (any other request will have to be analysed by our Engineering department and specific quotation will be offer)





### Mechanical Sorting / Feeding Device:

- Operator level unscrambling system sitting on an anodized aluminium frame completely cover stainless steel base with stabilizer foot system to help positioning the orientation system with the rest of the machine
- One Mechanical sorting device with variable speed control completely covered in stainless steel, activated on demand
- One sorting Star wheel split in two sections to ease up change overs
- One Twist chute to present the cap on the upright position
- Transfer of the cap from the orientation system to the pickup star wheel through a single anodized aluminium distributing chute
- Pump sorting device for up to 100 BPM Feeder diameter of 1800 mm



### Automatic Components Elevator Hopper Feeder

To feed components directly onto the orientation system directly from the ground to give you a longer autonomy.

- Fixed speed motorization with rollers
- Circular loading hopper in stainless steel 304
- Capacity = 150 liter / 5.3 ft<sup>3</sup>
- 200 mm wide polyurethane conveyor belts
- Stainless steel cover with transparent window for visual level inspection
- Electrical system integrated with orientation system
- Level control (inside the orientation system) to start and stop the elevator on demand
- Manual deviator to quickly emptying the elevator on change over



### M Capping Section:

- Cap will be transfer from the feeding unit by an anodize aluminium chute to pick up star wheel
- One pickup star wheel to transfer the cap to the placement heads
- Mechanical Pick & Place system with Eight (X 8) heads
- Screw capping heads with mechanical jaws to place the cap directly onto the bottles
- Adjustable pressure belt system preventing round bottle from turning while torque is being applied
- No bottle - no cap
- Torque control calibrated magnetic clutch system
- Motorize turret height adjustment system from the HMI
- Stainless steel upper turret plate for pharmaceutical applications





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### Automatic Sampling Station

- To reject in an orderly manner finish product for manual inspection without stopping the machine
- Fail-safe design, all bottles are assumed defective until compliance is confirmed
- System built in directly onto the exit star wheel with vacuum start wheel for high-speed purposes
- Motorized Reject conveyor with side guide to hold the bottle
- Reject confirmation sensor
- Full tray sensor



### Machine Status Beacon Light (3 colours)

Equipment status easily identified from a distance

- Solid Red = Machine stop
- Flashing Red = Emergency Stop
- Solid Yellow = Stopped for alarm
- Flashing Yellow = Low component warning
- Solid Green = Machine running
- Flashing Green = Machine in Stand-By Mode (automatic restart)



### Control System:

- Stainless steel panel control
- Stainless steel, tubular holding post with twin axis swivel control panel
- Emergency Stop on the control panel
- Machine controlled with industrial PLC
- 255 mm (10") multi-colours touch screen control
- HMI resolution of 1024 X 600
- Ethernet communication port (required IP address)
- Programmable feeder, conveyor speed, etc.
- Capable of memorizing multiple recipes
- For normal machine operation with alarm display
- Possibility to have different language interfaces
- Multi-level password protected screens for different access control

### Installation Requirements:

- 220 volts, 3 phases, 60 Hz, 20 Amp
- Power consumption 4.4kw
- Air regulator with filter with 1/4" quick connect male with 1/2" NPT
- Compress air requirement 100 PSI (6.9 bar)
- Air consumption 10 CFM (280Lt./M)
- 21 CFR part 11 Ready
- Built in accord of CSA (Canadian Standard Association)

N.B. Specification may varies depending on final equipment configuration and options selected



### **Safety Features:**

- No bottle at entrance = machine stop = automatic restart
- Jamming of the machine for any reason = machine stop = manual restart
- Emergency pushbutton switch install directly onto the panel control
- Back up sensor at the exit conveyor that stops the machine in case of accumulation



### **Euroguard Safety Interlock System**

- 6 mm ( $\frac{1}{4}$ ) thick tempered glass barrier doors shield the machine perimeter
- Doors are mounted on stainless steel tubing which also enclosed the electrical wirings.
- Safety interlocks are installed to ensure the safety of the operators before startup and during operation

### **Quick Changeover Features:**

- Dial indicators and or reference counter/scales are used to obtain repeatable quick changeovers.
- Push button motorized height adjustment.
- Dedicated change part with location pin

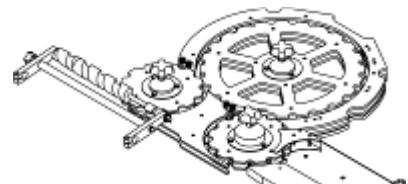
### **Standard Detection:**

- No bottle at the in feed = machine stop = Automatic restart
- Cap chute full = sorting system stop = Automatic restart
- No bottle no cap detection
- No cap on the bottle detection system
- Out feed conveyor full = machine stop = Automatic restart

### **Component Change Part**

#### **Change Parts for Different Size Bottle**

- One transporting screw
- In feed & out feed star wheel
- One transporting star wheel with guide



#### **Change Parts for Different Size Cap**

- Orientation system
- Distribution heads
- Pick Up star wheel
- 8 closing chucks





### 500 Liter Recovery Tank in S.S. 316L

- With C.I.P. Capability
- Diameter: 760 mm (30") ID X h 915 mm (36") tube shape
- Thickness 11g, finish 2b.
- Close cover with circular shape (dish style) thickness 10g, finish 2b
- One (X 1) infeed to attach product level sensor from the top with 28 mm (1 ½") Tri-Clamp"
- One electronic automatic level control (high / Low) to be connected to the client system feeding mechanism
- One (X 1) product infeed from the top with 51 mm (2") Tri-Clamp"
- Two (X 2) Atmospheric inspection covers (manhole) according to code: ASME SEC V111 DIV 1
- 30° Degree cone shape bottom part thickness 11g, finish 2b
- Four (X 4) SS 38 mm (1 ½ ") foot legs with side tubular side braze
- Two (X 2) Ø 4" fixe stainless-steel casters and two (X 2) swivels with breaks
- Inside finish grounded and polish with finish (15RA) and outside (30RA)



### Labelling Machine Model MonoStar Pharma

Automatic Labelling system for the application of a partial or full wrap around pressure sensitive label on stable base circular container coming from motorized conveyor

#### Equipment Composed of:

- Infeed motorized raised bed (sanitary) conveyor in stainless steel
- Infeed screw connected to an infeed star wheel
- One continuous motion transporting star wheel with guiding system
- One High speed pressure sensitive labelling station
- One Vacuum star wheel outfeed & reject station
- Outfeed form a twin roller conveyor

#### Machine Complete with:

- One set of container change parts

#### Machine Specifications:

- Core diameter in between 38 to 76 mm (1 ½ " to 3")
- Maximum roll diameter 400 mm (16")
- Maximum dispensing speed of 60 meters (197 ft) per minute
- Maximum width of paper 100 mm (4")
- Minimum label size 10 X 10 mm
- Bottle size minimum Ø 10 mm – Maximum Ø 40 mm (1 ½ ")
- Maximum bottle height 15 to 100 mm (4")
- Normal roll change over time in between 1 to 4 minutes

#### Machine Base and Mechanical Features:

- Frame in anodized aluminium completely covered in stainless steel 304
- Adjustable support legs for in-line positioning and levelling. with ± 38 mm (1 ½ ") adjustment capability
- Raised working surface for easy cleaning
- Machine as multiple brushless motors for a smooth and flexible machine operation
- Electrical and mechanical part located inside the machine frame for a complete protection
- Top plate of the base completely sealed against liquid infiltration protecting all internal mechanical parts
- Wide lockable inspection doors for routine maintenance





## Quotation# CQC-25-2638R5-NP.doc

- 150 mm (6") clearance from the base to the ground



### Stable and Unstable Base Container Handling System:

- 1830mm (6ft) section of infeed motorized raised bed (sanitary) conveyor in stainless steel
- Transporting Delrin chain of 114.3 mm (4 ½") wide
- Adjustable side rail without the use of any tools

The containers will be feed into the system by an indexing feed screw which will be transferring the container into a transfer star wheel

Containers are feed into the labelling station from the transfer star wheel to be main transporting anodized aluminium star wheel with guiding bearing for container alignment system,

Continuous motion system

Label containers are then exit with a vacuum outfeed star wheel directly onto an out-feed conveyor

- 1525 mm (5-ft) section of out feed motorized low-profile conveyor with variable speed
- Back up sensor stopping the machine in case of accumulation



### Non-stop Automatic System

This system is to give and created a non-stop system on the labelling machine to increase production efficiency:  
Two (X 2) complete Labelling station consisting of:

- One electronic labelling head model LS 100
- Maximum width of paper 97 mm (3.81")
- Maximum dispensing speed of 60 meters (195 ft) per minute
- System to adjust the head mounted on biaxial system with double shaft and a very precise scale
- High precision Stepper motor
- System pull push for label stability





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- Maximum reel diameter of 380 mm (15")
- Bottle detection with photo start programmable from the touch screen
- Height adjustment system of the labelling head with hand wheel for easy changeover
- Changeover label with automatic self-learning device
- Labelling head control with CPU
- Stainless steel peal plate for label distribution
- Low level label sensor
- Automatic sliding table to pull back the labelling heads to roll change
- Enlarge pitch of the machine to accept the additional labelling head
- Machine P.L.C. Interface



### Fail Safe Reject Station:

- Mechanical tracking of the container on all time, no need for electronic tracking
- Vacuum reject star wheel ensuring proper tracking and proper ejection of the non-conform container
- Reject confirmation sensor
- Fail-safe design, all bottles are assumed defective until compliance is confirmed
- The system will remove every container from the system that already have a label should a power failure occur
- Stainless steel reject bin





### Machine Status Beacon Light (3 colours)

Equipment status easily identified from a distance

- Red solid = machine stop
- Red flashing = emergency stop
- Yellow solid = stopped for alarm
- Yellow flash = low component warning
- Green solid = machine running
- Green flashing = machine in Stand-By Mode (automatic restart)



### Control System:

- Stainless steel, tubular holding post with twin axis swivel control panel
- Emergency Stop on the control panel
- Machine controlled with industrial PLC
- 255 mm (10") multi-colour touch screen control
- HMI resolution of 1024 X 600
- Ethernet communication port (required IP address)
- Calling recipes pre-store in labelling head from the main machine panel control: label length, label positioning, labelling dispensing speed, etc.
- Capable of memorizing multiple recipes
- For normal machine operation with complete detailed alarm display
- Possibility to have different language interfaces
- Multi-level password protected screens for different access control

### Installation Requirements:

- 220/208 volts, 3 phases, 60/50 Hz, 15 Amp
  - Air regulator with filter with 1/4" quick connect male with 1/2" NPT
  - Air requirement 6.9 Bar (100 PSI)
  - Air consumption 113 Lt./m (4 ft<sup>3</sup>/m)
  - 21 CFR part 11 Ready
  - Built in accord with the North American regulation (UL) and CSA (Canadian Standard Association)
- N.B. Specification may varies depending on final equipment configuration and options selected

### Safety Features:

- Emergency stop pushbutton switch install directly onto the panel control
- Torque-limiting sensor on all motion system
- Back up sensor at the exit conveyor that stops the machine in case of accumulation



### Euroguard Safety Interlock System

- 13 mm (1/2") thick Lexan doors shielding the machine perimeter
- Doors are mounted on stainless steel tubing which also enclosed the electrical wirings.
- Safety interlocks are installed to ensure the safety of the operators before start-up and during operation





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**Quick Changeover Features:**

- Dial indicators and or reference counter/scales are used to obtain repeatable quick changeovers.
- Dedicated quick removable application system with location pin
- Self-programming system for label change
- Single Ballonets system for quick closure of the labelling roller head avoiding passing paper label true hard places when doing change over label
- Mechanical change over size is done without the use of any tools and is done in approximately 15 minutes including programming of the labelling head

**Other Features:**

- Pharmaceutical stainless-steel base very easy to clean protecting all internal components
- Removing or channelled as much as possible any wire use to connect all external components
- Electrical components are all connected with quick disconnect system for easy maintenance

**Components Change Parts**

**Change Parts for Different size container**

- One (X 1) Infeed screw
- One (X 1) infeed star wheel
- One (X 1) main transporting star wheel with alignment system in each pocket
- Side and central guides,
- One (X 1) outfeed vacuum star wheel for the reject station

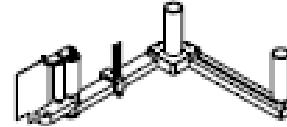




## Available Options for the MonoStar

### “L” Shape Arm for Vision / Coding System Installation

To integrated a thermal transfer coder, or vision system onto the labelling head directly, giving you more space to do the equipment adjustment



### Cognex Camera Vision System for Web Inspection

To verify the printing on labels OCR/OCV and Bar Code directly from the Web

- Programmed directly from the machine HMI
- One (X 1) Insight 7600 series (OCV/OCR)
- Up to four (X 4) frames inspection on each label depending of their distance and position
- Insight Ethernet Cable (5 m)
- One (X 1) appropriate Lens
- One (1) PatMax and Red Light
- Micro adjustment system to properly position the camera
- Micro Triggers/ Strobe/ (5 m)



**Very Important note:** could require a second camera depending on the information to be read and the size of label to be confirm by Capmatic engineering department

### Cognex Camera Vision System for label presence

To verify the labels present on the bottle

- Programmed directly from the machine HMI
- One (X 1) Insight 7600 series
- Up to four (X 4) frames inspection on each label depending of their distance and position
- Insight Ethernet Cable (5 m)
- One (X 1) appropriate Lens
- One (1) PatMax and Red Light
- Micro adjustment system to properly position the camera
- Micro Triggers/ Strobe/ (5 m)



**Very Important note:** could require a second camera depending on the information to be read and the size of label to be confirm by Capmatic engineering department

### Wire way section on conveyor

Enable to stored away different style wire into isolated passage with interconnection system

- Four (X 4) independent passages
- Low voltage
- Communication
- Pneumatic passage
- High voltage passage
- Stainless steel access door





**Quotation# CQC-25-2638R5-NP.doc**

### **Remote Technical Services**

Capmatic's goal has always been to provide our clients with the best possible service, under all conditions. Production systems and information systems have become inseparable, and that's created a significant opportunity to use the connected operations to provide additional service options. We've incorporated modern technology to be able to offer Remote Technical Service (RTS) alongside our standard service packages, saving our customers time and money.

During RTS our technicians use a computer to remotely connect to the customer's Capmatic equipment and work directly on the remote system. The technicians can access the equipment screens in order to troubleshoot and test functionalities and, if the equipment has a vision system, the technician can use the camera to view the equipment. There are many benefits to this kind of remote service, including saving our customers on service charges related to travel and technician costs, speeding up response time to machine malfunctions, and minimizing inactivity during production periods.

Capmatic can deliver remote technical support to our customers worldwide via a simple internet connection. An ethernet cable is recommended for the best performance, but it is also possible to connect to the Secomea device via a Wi-Fi router with a small USB antenna.

The Remote Technical Service Starter Pack includes:

- Remote Technical Service starter pack (Secomea)
- 25 hours remote technical assistance



Additional Remote Technical Service hours can be purchased through the Capmatic Service Department.





**Quotation# CQC-25-2638R5-NP.doc**

## **Pre-Delivery Inspection (PDI)**

### Quality Control of the equipment

- System verification
- Safety feature verification, including alarm challenging

### Mechanical inspection

- Including random checks of fasteners
- Electrical inspection
- Pneumatic inspection

### Production Tests

- Runs for all bottle presentations
- Ensuring correct parameters are all recipes are set
- Observations recorded in Test Summary, including the bottling rate

### Cleaning of the Equipment

- Complete cleaning of equipment, inside and out
- Checks for physical damage
- Check for sharp edges
- Check for presence of variable safety or hazard warning signs

### Preparation for Shipping

- All change parts collected and accounted for before packaging
- Sensitive parts individually wrapped and braced for transport
- Equipment properly braced for transport
- Special preparations for overseas packaging
- Certificates supplied with all crating materials (i.e., wood)





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## **IQ & OQ Validation Protocol Packages**

### **Include One Round of Document Review/Comments by the Customer**

The **Installation Qualification (IQ)** and **Operational Qualification (OQ)**. **Validation Protocols** enable you to have confidence in your equipment, as well as documented proof of its ability to perform the tasks you require. These tests are typically carried out after the equipment installation at the user's facility.

The **IQ Validation Protocol** verifies that the equipment and its subsystems have been built and installed to specification, and that all supporting services (i.e., utilities such as water, electricity, etc.) are available and connected properly. It also details a list of all the cGMP requirements that are applicable. These requirements must all be satisfied before the qualification process can progress to the OQ.

The IQ Protocol also ensures that:

- All documentation necessary is available
- The electrical and pneumatic specifications are verified and correct
- The dimensions of the machine correspond to the approved layout
- All change parts are available and well identified
- The safety measures have been respected
- The sensors and switches are correctly installed and functional

The **OQ Validation Protocol** provides documented evidence that the equipment operates effectively and in accordance with all requirements, and can produce a consistent result within predetermined specifications.

The OQ Protocol tests that all features of the equipment are operational and functioning properly. This includes testing the machine's access levels (to determine which users have access to which machine functions), the alarms (emergency, major & minor), the inputs & outputs, the control panel and the HMI screens. Mechanical tests are also done to verify that:

- Containers proceed through the machine as required
- Each of the subsystem's specifications are respected (ex. filling, tightening, labelling, etc.)
- All acceptance criteria are met for the different subsystems

### **Both the IQ and OQ Validation Packages:**

- Includes an electronic file
- A hard copy of the test will also be provided if it is requested with the initial order
- Provide ongoing email support for customer from Capmatic's validation specialists
- Are available as supplements to the standard Capmatic Documentation Package





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### **FAT Validation Protocol Package**

#### **Include One Round of Document Review/Comments by the Customer**

Factory Acceptance Tests (FAT) are done at the Capmatic facilities in Montreal, where customers are invited to participate in a simulation and validation of the system before it is installed at their site. The FAT is beneficial not just for the customer but for Capmatic as well. This test will assure both parties that the equipment meets all the contractual specifications and that any issues that arise can be addressed before arriving at the customer's site.

There are many other advantages to having a FAT. The customer will be able to see that the equipment's hardware and software are performing optimally before it is installed and gain better insight into how the system works. This is also an opportunity for preliminary operator training. This simulation also saves time and money during start up as typical first-run issues can be resolved prior to delivery. This is important because custom-made solutions can be adapted faster and easier at Capmatic's facility than at the customer's site due to the in-house availability of our engineers and design experts. Upgrades and changes can easily be made.

Customers are free to perform their own tests and/or provide Capmatic their test protocols (preferably with PO). In the event where Capmatic provides the protocols for the FAT, the document and proposed functional tests will be sent to the customer in advance to enable test selection and planning for execution during the FAT.

After inspection and testing of the equipment and review of the documentation, the customer's approval is required before the system can be delivered.

#### **The FAT activity typically includes verification/testing of the following:**

- Mechanical assembly
- Electrical assembly
- Review of the documentation
- Verification and functional testing
- Complete system test

If, during the testing, the equipment fails to meet satisfactory standards, as outlined in the F.A.T. protocols developed by Capmatic, the manufacturer (Capmatic) will correct the situation prior to delivery of the machine.

#### **The FAT Validation Package:**

- Includes electronic and signed hard copies of files
- Provides ongoing email support for customer from Capmatic's validation specialists
- Testing will be done in the presence of a project leader and testing engineer from Capmatic
- Is available as a supplement to the standard Capmatic Documentation Package





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### **Installation at your Plant**

The qualified local/Capmatic technicians' responsibilities are to:

- That all equipment is properly unpacked
- That the equipment is in line (in proper position) with other equipment
- That the equipment is level
- Equipment set-up training with line operators, maintenance personnel, and managers
- Equipment training with line operators, maintenance, set-up personnel, and managers

Client responsibilities are:

- That the equipment's are connected by a local certify electrician/plumber with their proper utilities (water, clean compressed air, and electricity)
- That the components are readily available
- Proper disposable of packaging material
- Forklift, building modifications or alterations, piping, tubing, compress air, etc. need to be supplies by customer

***Note: Price is based on an 8-hour shift. Any overtime performed during the Start Up and Commissioning or any delays which prevent the Capmatic technician from performing these functions (not caused by Capmatic technicians or its equipment) will be charged to the client at the standard service rate (refer to the Service Rate section in this document).***

### **Start Up and Commissioning at your Plant**

Client responsibilities are to ensure:

- That the equipment is connected to the proper utilities (water, clean compressed air, and electricity)
- That the components are readily available

The qualified Capmatic technicians' responsibilities are to:

- Verify that all utilities have been properly connected (air, electricity, etc.)
- Verify that all equipment is properly connected and interfaced with other equipment
- Verify that all equipment is level
- Perform a Site Acceptance Test (SAT) in order to prove and document the efficiency of the equipment, or a similar test as specified in the sales contract

***Note:*** If the customer would like Capmatic to provide the SAT, it must be ordered at the time of the initial PO

- Equipment set-up training with line operators, maintenance personnel, and managers
- Equipment training with line operators, maintenance, set-up personnel, and managers

***Note: Price is based on an 8-hour shift. Any overtime performed during the Start Up and Commissioning or any delays which prevent the Capmatic technician from performing these functions (not caused by Capmatic technicians or its equipment) will be charged to the client at the standard service rate (refer to the Service Rate section in this document).***





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### **SAT Validation Protocol Package**

The Site Acceptance Test (SAT) is a useful tool to determine the functionality of equipment at the customer's site after its installation.

The SAT tests the equipment in accordance with client approved test plans and specifications to show that the equipment and all its subsystems are installed properly and interface with other systems in the working environment.

The SAT is not only a test of efficiency, but also a test of quality. By conducting an SAT, quality assurance is met along with good manufacturing practice, safe quality risk management and efficient quality control checks.

#### **The SAT Validation Package:**

- Includes an electronic file
- A hard copy of the test will also be provided if it is requested with the initial order
- Provides ongoing email support for customer from Capmatic's validation specialists
- Is available as a supplement to the standard Capmatic Documentation Package
- Validation support during SAT at client site is also available (at extra cost)





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### **Training Session for Operators and Maintenance Personnel**

The following steps can normally be done during the Start Up and Commissioning/SAT at the Customer's facility, or during the FAT which is done at the Capmatic facility in Montreal.

#### **Basic Training Steps Consist of:**

##### Initial Machine Setup

Preliminary control

Start-up procedure for a production run

##### Machine Production

Machine workflow

Understanding why a machine stops during a production run

End procedures following a production run

##### Component Changeovers

How to prepare the machine for a changeover procedure

Introductory changeover instructions

Complete changeover procedures

##### Safety Features

Safety Protection Systems

Safety warning labels

Warning lights

Emergency Stops

Re-start sequence after an Emergency Stop

##### Cleaning Procedure

General cleaning procedures

**Note:** The level of training needed should be discussed in advance to understand and establish the depth and expectations of the training to be performed. Capmatic provides basic training, but cannot guarantee the successful training of any employee during this basic training. Should more advanced training sessions be required, the Customer will be charged the standard service rate for the duration of the additional training (refer to the Service Rate section at the end of this document).





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### **Yearly Preventative Maintenance Program**

The purpose of the preventive maintenance:

- Increase the life span of the equipment.
- Increase reliability of equipment, thus reducing the probability of failure in service and reducing costs of failure and improve availability.
- Improve the scheduling of work.
- Reduce and regulate the workload.
- Reduce downtime in case of revision or failure
- Prevent costly corrective maintenance interventions
- Allow to decide corrective maintenance in good conditions
- Avoid abnormal energy consumption, lubricant, etc. and facilitate inventory management.
- Improving the working conditions and training of the production staff
- Decrease the maintenance budget and improvement of revenues

The Preventive Maintenance (PM) performed by a Qualified Capmatic Ltd. technician at your plant:

- Maintenance will be performing in the production area
- Complete Machine lubrication and general inspection
- Visual inspection of all internal and external mechanisms will be performed to look for any abnormal wear.
- Verification that all connections in the electrical cabinet and control panel are properly connected and interfacing with each other correctly.
- All belts and chains will be inspected for wear and adjusted as needed
- List all suggested wear parts for purchase ensuring good client inventories of parts that may needed to be replaced during the coming year due to normal wear
- Replace any parts that need to be replaced from client stock or supplied by Capmatic, billed at list price

Please Note: Critical parts that need to be replaced can be ordered as required and can be installed the next day (assuming that Capmatic has the parts in stock available for immediate shipment)





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## Equipment Picture



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**NOTE:**

- Pictures and Equipment Layout are for preliminary use only and do not necessarily reflect actual equipment features as quoted on the configuration and price page





## **Project Management & Milestones**

### **Project Management**

Capmatic has an experienced Project Management Department that will take control of the project after the order has been placed. Upon receipt of the purchase order and first payment, a Project Coordinator is assigned to lead a Project Team which consists of mechanical engineering, electrical engineering, and technical support personnel. The Project Coordinator provides a single point of contact for all project-related issues. Capmatic believes effective two-way communication is the most important factor in any successful project execution. To this end, the Capmatic Project Coordinator will provide periodic reports to the Customer regarding the project status.

### **Project Milestones**

Project Milestones identify all the steps necessary to achieve project completion, from receipt of purchase order to system start-up. Upon mutual agreement between the Customer and Capmatic, certain milestones will be established which detail orderly performance increments. Non-compliance of scheduled milestone requirements could affect project execution. Capmatic reserves the right to move delivery to the next available delivery slot should the Customer fail to satisfy the requirements of any milestone.

### **Purchase Order**

Upon receipt of the purchase order, Capmatic begins the process of assembling the Project Team. A Project Coordinator is assigned and the lead technical support personnel are identified. Once the Project Team is assembled, the Planning Department schedules the project Kick-Off Meeting in order to brief the Team on the contract and performance requirements.

### **Kick-Off Meeting**

The Kick-Off meeting introduces the Capmatic Project Team to the Customer's project. The project scope, performance requirements, and schedule are detailed so that the preliminary design process can begin. In this way, the equipment proposal is handed over as a contract to the Project Management Team. The Customer is welcome to attend this meeting at the Capmatic factory site in Montreal. Customer costs for such attendance will be borne by the Customer.

### **Planning Design Review (PDR)**

The purpose of the in-house Planning Design Review is to ensure that the equipment design, manufacturing processes, and schedule requirements have developed as expected since the Kick-Off Meeting. Additional PDR topics include the list of Customer-supplied parts/materials, applicable standards, and the finalized acceptance test procedures and format (if any). Upon successful completion of the PDR any agreed-upon design changes are incorporated, potential impacts to cost and schedule are evaluated, costly and/or long lead-time components are ordered (or fabricated) and the process of design implementation begins.

### **Documentation**

Capmatic provides one electronic copy of the documentation with its machinery. This package includes installation, operation, and maintenance manuals, vendor documentation for outsourced components, and drawings for electrical, pneumatic systems and assemblies, as well as mechanical systems. Hard copies of the documentation can also be ordered at extra cost. Translations to languages other than English can also be ordered. Requests for additional documentation should be included with the purchase order.

### **Validation**

Capmatic created the Validation Department in order to assist its customers in qualifying their equipment with standard documentary evidence. Orders for all validation documents should be included with the purchase order. If Customers wish to provide their own Factory Acceptance Test (FAT), this should be sent to the Project Coordinator at least one month before the scheduled FAT.

### **Training**

Capmatic would like to emphasize the importance of training Customer operators, maintenance and setup personnel to ensure the successful use of new equipment. While we do provide an instruction manual, tooling drawings, etc., it is important for Customer personnel to be confidently able to operate and maintain the equipment at their facility. Hands-on experience at the Capmatic factory site in Montreal, under the guidance of our engineering and assembly personnel, is the best way to obtain this training. We suggest Customer personnel spend two days in our factory so they can be trained. Capmatic provides this convenient one-time training as a part of the contract. Apart from this, training at the Customer plant can be scheduled in accordance with Capmatic's standard service rates and conditions.





## **Customer Responsibilities**

Capmatic believes effective two-way communication is the most important factor in any successful project execution. To this end, the Customer will be informed of all scheduled design reviews and milestone events. In turn, the Customer must promptly document and forward to Capmatic any changes from the contractual baseline in the product, process, or equipment specifications. It is assumed that the Customer will provide each item on the following list in a timely manner (the Project Milestone Agreement will be provided showing all required dates). After order placement, the Project Manager will submit a project schedule for those items which are required to support the quoted delivery date.

*Note: This list is provided as a guide with the understanding that it may not be all-inclusive.*

The Customer will provide:

1. An individual in the Customer organization who is the responsible, single point of contact for the Capmatic Project Manager.
2. Payments as scheduled in the Project Milestone agreement. If the payment schedule is not respected, it is understood that delays to the delivery may occur.
3. Drawings of current component parts.
4. All Customer plant/facility drawings, which include the location of power, air, and water sources, floor space requirements, and site survey information, which is required by Capmatic engineering.
5. The URS (when applicable) must be included with the purchase order.
6. Parts (components) for design, development, machine debug, and acceptance. It is assumed that the parts are clean, separated, dry of oil, and without contaminants.
7. For any process component part, any information which identifies features, conditions or tolerances, that are not written on the parts but must be accommodated by the proposed machine.
8. Design review and approvals within two weeks of receipt of drawings.
9. Production and support personnel adequate to conduct machine acceptance.
10. Personnel to conduct data recording and analysis of acceptance testing activities.
11. Proper unloading, transportation, and un-crating of the equipment at the installation site.
12. Positioning, re-assembling, and securing of the equipment.
13. Power drops and proper utility connections (water, clean compressed air, electricity) to the equipment.
14. Qualified maintenance and repair personnel suitable for training on the purchased equipment.
15. FAT protocol (if applicable) and customer expectations for equipment acceptance.
16. Preparation of the installation site, including the removal of any obstacles.
17. Approval of occupancy for the building in which the equipment is to be installed.
18. Formulas, calculation formats, software, practices or methods, which are expected to be a part of (or which can affect) equipment acceptance.

### **Part Requirements**

Due to the short delivery time of the equipment, all dates in the Project Milestone Agreement must be met in order to keep the project on time. Quantities listed are Capmatic's requested amounts, but if availability is limited, actual quantity changes can be negotiated with the project manager.

All piece parts shipped to Capmatic should be identified by part number and accompanied by a packing slip and piece part drawing for identification purposes. If you elect to ship all the required parts to us in a single shipment, parts to be used for various purposes should be in separate containers and each container should be labelled with the quantity of parts contained within.

For example, the 3,000 parts needed for feeder bowl development should be packed in a separate container from the 30,000 parts needed for machine development and debug.

If parts are not separated in this manner, we separate them at our plant in Montreal and charge you for the extra labour of sorting, counting, and repackaging these piece parts.





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## Parts Requirement Table:

Quantity	Part Description	Part Use	Delivery
12 Each Style	Bottles	Design	With PO
3,000 Each Style	Bottles	Feeder Development	2-4 weeks ARO
5 Liter Each	Product	Design	With PO
200 Liter Each	Product	FAT	2-4 weeks ARO
12 Each Style	Caps	Design	With PO
20,000 Each Style	Caps	Feeder Development/FAT	2-4 weeks ARO
1 Reel Each Style	Labels	Design	With PO
3 Reel Each Style	Labels	Development, FAT*	14 wks ARO

Sufficient filling product is required for machine tests (accuracy and speed). Quantity shall be determined ARO.

PO=Purchase Order

ARO=After Receipt of Order

## Service Rates & Spare Parts

Technical Assistance Rates for a Capmatic Technician:

Labour: \$150.00 / hour (normal working hours)

Note: Beyond regular working hours, the rates are calculated as follows:

1.5x standard labour rate for overtime

2x standard labour rate for weekends & holidays

Travel time: \$85.00 / hour

Note: A standard travel day is anything up to 8 hours. Beyond this standard, the rates are calculated as follows:

1.5x standard travel rate for extended travel (over 8 hours)

Travel rate for weekends & holidays (Service department to provide)

Note: Travel time is in addition to scheduled working days.

Food: \$85.00 / day (Budget)

Hotel: \$275.00 / day (Budget)

Car rental, others & misc.: \$200.00 / day (Budget)

Airfare: The price depends on the destination and advance notice.

Note: Labour and travel time rates are fixed rates. All other expenses are charged at actual cost.

### Spare Parts

Upon request, Capmatic can quote spare parts for the system. For budgetary purposes, we recommend adding 2-4%





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## Payment Terms & Delivery

**Form of Payment:** **40%** with purchase order  
**30%** upon client layout approval  
**30%** at the acceptance of the equipment at Capmatic (FAT)  
**Note:** Any banking fees, or any other fees, generated by other terms and condition mentioned in this offer will be entirely covered by the client.

**Ready for inspection (FAT)** **Ligne FAT for October 2025**  
A firm production schedule will be established after receiving the order, first payment, approval of representative samples, Product Matrix, Layout, and all other technical information (as requested) necessary to manufacture the equipment according to this contract.  
Delivery is also contingent on receiving the requested bulk samples on time, as well as receiving all progress payments as set out in the Project Milestone Agreement.  
**Note:** Capmatic shuts down for seven working days at the end of December.

**Shipping** EX Work, Capmatic Ltd. Montreal Canada  
**Crating:** Extra  
**Freight:** Customer charge  
**Installation** Unloading, localization of the machinery and connection of all services required for proper functioning is the customer's responsibility.  
**Start Up** Capmatic technicians can do start-up of the machine, if requested. Additional charges are applied for this service. Travel and living expenses will be charged at actual cost.  
**Confidentiality** The Purchaser, the Supplier and/or the Agent consider extremely confidential the information received by Capmatic; therefore, they affirm that they will not disclose this information to a third party.  
**Validity** This quotation is valid for 30 days.

Authorized Representative

**Nick Perugini**  
Business Development Specialist

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Jus Dose inc.

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Capmatic Ltd.



## Capmatic General Terms and Conditions

THE FOLLOWING TERMS AND CONDITIONS ARE IN ADDITION TO, AND FORM AN INTEGRAL PART OF, OUR QUOTATION

### 1. Interpretation

1.1 In these Terms:

"BUYER" means the person who accepts the seller's verbal or written quotation for the sale of the Goods, or whose written order for the Goods is accepted by the Seller.  
"GOODS" or "EQUIPMENT" means the goods as a whole, regardless of whether it is a supply of a single machine or an entire line of Equipment, which the Seller agrees to supply in accordance with these Terms.

in accordance with these Terms.

"SELLER" means Capmatic and its authorized representatives.

"TERMS" means the standard Terms and Conditions of sale set out in this document and includes any special terms agreed in writing between the Buyer and Seller.

"CONTRACT" means these Terms and the Buyer's Purchase Order to Capmatic

### 2. Offer and Acceptance

2.1 Buyer's purchase order constitutes an offer to Seller, which is subject to written acceptance by Seller's authorized representative.

2.2 All purchase orders are subject to acceptance by the Seller by way of the issuance of its Order Confirmation. The Seller reserves the right to partially or fully accept or refuse any purchase order and to submit to the Buyer a counter offer which may include any additional or different terms and conditions, including those which are contained in these Terms. It is hereby agreed between the Parties that silence on the part of the Seller with respect to any term or condition proposed orally and/or in writing by the Buyer shall not constitute an amendment to these Terms.

### 3. Quotation & Price

3.1 A quotation is valid for a period of 30 days from cover date, provided that the Seller has not previously withdrawn it.

3.2 The price of the Goods ("Price") shall be the Seller's quoted price.

3.3 The Price shall be quoted and payable in the currency specified in this quotation.

3.4 All Prices quoted or accepted are exclusive of taxes.

3.5 Any banking fees or any fees generated for legalization or certification of documents shall be paid by the Buyer.

### 4. Payment Terms

4.1 Payment terms are specified in the Seller's quotation and cannot be altered unless changed in writing by the Seller.

4.2 Capmatic reserves the right to suspend production and delivery schedules in respect of any order if the account is not paid when due.

4.3 The Buyer accepts charges of 1.5 % interest per month (18 % per year) on overdue amounts.

4.4 The Goods remain the property of the Seller until payment is made in full, at which point the title to property will pass to the Buyer.

### 5. Taxes

5.1 Any applicable value added tax or any other taxes, export taxes, duties, or other statutory levies or payments shall be paid by the Buyer.

5.2 The Buyer agrees to indemnify and protect the Seller against any and all liabilities for taxes, as well as any legal fees or costs incurred by the Seller in connection therewith.

### 6. Changes

6.1 Seller reserves the right to alter designs and incorporate improvements as required to ensure proper operation of all equipment, parts and accessories ordered.

6.2 Changes requested by the Buyer once work is in progress are subject to additional charges for reasonable costs and expenses incurred as a result of such changes, and for labour, materials, and services required to effect the changes.

### 7. Cancellation, Termination, and suspension

7.1 Acceptance of this proposal creates a Contract, which can be terminated or cancelled only upon Buyer's written request and Seller's written consent thereto, subject to such conditions as Seller may reasonably require.

7.2 In case of termination or cancellation, the Seller shall have the right to retain the amounts paid by the Buyer up to the date of termination as a lump-sum compensation for damages suffered, including indirect damages, expenses, and costs, save for compensation for any additional damages incurred and without prejudice to additional and/or other rights.

7.3 The Buyer may, for any reasons whatsoever and at its sole discretion suspend the performance of the Contract by giving written notice to the Seller. The Seller shall not be obliged to accept suspension for more than four (4) months even cumulatively. Therefore, in the event that the suspension will last for a longer period, the conditions for termination under Article 7.2 shall automatically apply.

7.4 Without prejudice to any other rights or remedies to which the Seller may be entitled, the Seller shall have the right to terminate this Contract with immediate effect and without any liability if the Buyer:

- Delays payment of any amount due to the Seller under this Contract for a period exceeding thirty (30) days from agreed terms; or
- Commits a material or persistent breach of any other terms of this Contract and (if such a breach is remediable) fails to remedy that breach within thirty (30) days of being noticed in writing of the breach; or
- Is declared insolvent or bankrupt; makes an assignment for the benefit of its creditors; has all or any substantial portion of its capital stock or assets expropriated by any governmental authority; is dissolved or liquidated (except as a consequence of a merger, consolidation or other corporate reorganization not involving the solvency of such Party).

Under such breach of Contract, The Seller shall automatically apply termination as stated in Article 7.2.





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### 8. Samples and Testing

- 8.1 Samples supplied for testing purposes are to be supplied at Buyer's cost, in accordance with the terms and conditions as indicated in the Order Confirmation.
- 8.2 All samples will be returned with the tested machinery. In the case where returning product will significantly increase the freight costs, Buyer will have the option of paying for proper disposal of their samples.
- 8.3 Estimated Speeds are subject to testing of Buyer's bulk samples. In those cases where bulk samples are not supplied, the Equipment will be tested for normal functioning only. Performance on products not submitted to Capmatic, whether express or implied, is not guaranteed.
- 8.4 Seller is not liable in the event that the quality of the materials and the products used in the production are found to differ from the quality of the material and products supplied by the Buyer for testing.
- 8.5 Any costs incurred for the changes to the Equipment due to the use of materials which differ from those used during the execution of the testing activities shall be borne by the Buyer. Consequently, Buyer shall not be entitled to raise claims against the Seller if delays in delivery of the Equipment are caused by fault of the Buyer.
- 8.6 Materials and consumables especially tamper evident neck banding and body banding materials should not be purchased in bulk by the Buyer until actual samples have been proven satisfactory in production tests. Seller cannot be responsible regardless of testing performed and recommendations made, beyond the cost of new tooling, should changes be required.

### 9. Intellectual Property

- 9.1 The entire rights, title, interest, and the ownership of the know-how, technical information, designs, specifications or documentation, ideas, concepts, methods, processes, technology and inventions (the 'Intellectual Property Rights') developed or created by the Seller, or by any third parties commissioned by the Seller, shall be owned by the Seller. The Buyer shall keep all such information confidential and shall not reveal such information to any third parties unless and until such information becomes available in the public domain. Furthermore, such information must not be used by the Buyer for purposes which differ to those relating to the use of the Seller's equipment without prior written consent of the Seller.
- 9.2 The Seller shall retain the ownership of the patents, copyrights, trade secrets, design rights and any other Intellectual Property Rights relating to the Equipment and, with the exception of what is expressly agreed in this agreement, the Buyer shall not acquire any Intellectual Property Rights, including technical information, know-how, designs and specifications provided by the Seller and concerning the Equipment.
- 9.3 The trademarks and any other brand which identifies the Seller and those belonging to any other company connected to or controlled by the Seller shall be used respecting the destination impressed to it by the Seller in the way as the Seller applies it to the Equipment or to the related documentation.

### 10. Delivery Dates

- 10.1 Any dates specified by the Seller for delivery of the Goods are intended to be an estimate and time of delivery shall not be of the essence.
- 10.2 Seller will notify Buyer of any substantial change in those dates.
- 10.3 Delivery dates are based on prompt receipt of all necessary information from the Buyer including original purchase order, advance payment where applicable, samples as required, and confirmation of all technical details. Delays in receipt may cause delays in delivery.
- 10.4 Seller will make every reasonable effort to deliver before or on schedule, however, the Seller shall not be liable for any damages whatsoever due to a delay in delivery howsoever caused.

### 11. Precedence of the Terms and Conditions

The foregoing terms and conditions take precedence over all other terms and conditions whatsoever contained in any document submitted by the Buyer, unless Capmatic Agrees in comply with new terms and conditions.

### 12. Acceptance of Goods

- 12.1 When Goods are complete, Buyer will be requested to visit Seller's production facility in Montreal, Canada for the Factory Acceptance Testing (FAT).
- 12.2 The Goods will be deemed to be complete and accepted by Buyer when Seller has demonstrated the Goods operating at the required speeds and quality specified in the Contract.

### 13. Storage

- 13.1 If the delivery is delayed by the Buyer for any cause, the Seller shall be entitled to payment for the goods and to charge Buyer for storage of the Goods until delivery.

### 14. Shipping Weights and Dimensions

- 14.1 Where published in the quotation, costs are estimates only and are not guaranteed. Actual crate weight and dimensions can only be advised once Equipment is fully packed.
- 14.2 Freight weights are also estimated and will be finalized at time of shipping.

### 15. Damage Claims

- 15.1 Great care is taken in packing all machines, parts, and accessories. After Seller receives a 'Received in Good Order' receipt by the transportation company, Seller cannot be held responsible for damage that occurred in transit.
- 15.2 All claims for breakage or damage, whether concealed or obvious, must be made to the carrier as soon as possible after receipt of the shipment. Seller will render all possible assistance to secure satisfactory adjustment of such damage claims.

### 16. Force Majeure

- 16.1 The parties shall not be responsible for any failure or delay in performance of their respective obligations or for any loss, cost, damage, expense and penalty whatsoever to the extent due to a Force Majeure Event. Notwithstanding the foregoing, a Party's inability to make payment due to lack of funds shall not be considered a Force Majeure Event.
- 16.2 On the occurrence of a force Majeure Event, the Party affected shall be excused from performance of the affected obligations for as long as the Force Majeure Event and effects continue. Occurrence Included but not limited to inability to obtain timely delivery of materials from suppliers. The performance of obligations shall resume upon cessation of such Force Majeure Event and effects thereof.
- 16.3 If performance is still delayed by a Force Majeure Event after the expiry of six (6) months from the date of first delay or prevention, either Party may terminate the Contract for convenience by written notice to the other Party and without any obligation to pay damages to the other Party as a consequence of such termination.  
The Seller shall automatically apply termination as stated in Article 7.2.





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### 17. Installation

- 17.1 Seller prices for equipment, parts, and accessories do not include an allowance for installation or final on-site adjustment.  
17.2 The installation and start up service performed by Capmatic will be charged as a separate item and can be included in quotation if required.

### 18. Returned Goods

- 18.1 In no case are Goods to be returned without Seller's written permission.  
18.2 All returned Goods must be 'as new'.  
18.3 Goods accepted by Seller for credit are subject to a minimum service charge of 20% plus all transportation costs.  
18.4 Any Goods authorized for return must be packed securely to prevent damage during shipping.

### 19. Warranty

- 19.1 Seller's warranty of standard quality, as set forth in the Terms and in the quotation, is expressly in lieu of any other warranties, expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose.  
19.2 Seller warrants that the goods be of sound quality and will conform to expressly agreed specifications.  
19.3 All Equipment manufactured by Seller is guaranteed against defective workmanship, according to the schedule below.

Mechanical Parts	A period of two (X 2) years, 30 days following equipment leaving Capmatic premises, or up to a maximum of 4,000 hours of operations. whichever occurs first
Electrical Parts	A period of two (X 2) years, 30 days following equipment leaving Capmatic premises, or up to a maximum of 4,000 hours of operations
Malfunctions or faults occurring with the functionality of any of the equipment systems or features. These should be reported in writing.	Malfunctions are guaranteed for three (X 3) months from the date of installation, or up to a maximum of 500 working hours. whichever occurs first
	Malfunctions that occur prior to the performance of the SAT should be documented and addressed during the SAT., a final and signed SAT document copy must be provided to Capmatic for proper traceability <a href="mailto:documentation@capmatic.com">documentation@capmatic.com</a>

- 19.4 Warranties for equipment and components not manufactured by Seller are in accordance with those of the original equipment manufacturer.  
19.5 Seller reserves the right to repair or replace faulty parts as it deems suitable on FOB Seller Works basis.  
19.6 Parts replaced on warranty basis must be returned to Seller, freight prepaid.  
19.7 Seller covers labour to replace items under warranty for 60 days from the date of installation; however, travel time and travel expenses shall be paid by the Buyer.

### 20. Liability

- 20.1 Seller neither assumes nor authorizes any person to assume on its behalf, any obligation or liability in connection with its Goods or any part thereof, which have been subjected to repairs by unauthorized individuals or which have been abused, altered, not used in accordance with the application originally intended, or subjected to any other form of negligence or misuse, regardless of how same occurred.  
20.2 This Contract and all matters relating to the interpretation of the same, any claim for consequential or incidental damages and any claims, right of action and demands, regardless of how same are described, whether in law or equity, shall be interpreted according to the laws of the Province of Quebec, Canada and they shall be pursued solely in the Province of Quebec, Canada.  
20.3 In case of Goods manufactured to Buyer's designs or instructions, Buyer guarantees that such goods or the process of manufacture do not infringe on any patent, registered designs, or other property rights, and agrees to absolve Seller from all liabilities, costs, claims and demands which may be brought against Seller.  
20.4 Seller's liability for any claims arising out of any contract formed between Seller and any Buyer, including any warranty claims and claims based on the alleged negligence of Seller, its officers, agents, or employees, and any Buyer shall not include any special, consequential, incidental or penal damages including loss of profit or revenues, loss of use of the goods or any associated equipment or system in which a product is installed, damage to associated equipment or systems, cost of capital, cost of substitute products, facilities, services or replacements, downtime costs or claims of Buyer's customer for any such damages.  
20.5 In no event shall Seller's liability exceed the cost of the Goods furnished in accordance with this limited warranty, and subject to any claim hereunder.  
20.6 In no event shall this warranty be expanded by any advice, experimentation, or other participation which Seller may render, in the design, development of materials, tools, parts, etc. for Buyer's use.

### 21. Waiver

- 21.1 Seller's failure to insist upon a strict performance of any of the terms and conditions herein shall not be deemed a waiver of any rights that Seller may have, and shall not be deemed a waiver of any subsequent breach or default in these conditions.

### 22. Miscellaneous

- 22.1 The Buyer shall not assign or transfer the rights deriving from the Offer/Order Confirmation, including the Special Conditions of Sale, these Terms and any annexes thereto (the 'Agreement') without the prior written consent of the Seller.  
22.2 In the event any provision of the Agreement conflicts with the law under which this Agreement is to be construed or if any such provision is held illegal, invalid or unenforceable, in whole or in part, by a competent authority, such provision shall be deemed to be restated to reflect as nearly as possible the original intentions of the parties in accordance with applicable law. The legality, validity and enforceability of the remaining provisions shall not be affected thereby and shall remain in full force and effect.  
22.3 This agreement shall constitute the entire agreement between the Buyer and Seller and set forth the entire terms and conditions under which this Agreement will be performed. There are no other agreements, oral or written, with respect to the subject matter of the Agreement, and all oral and written correspondence relating to the subject matter hereof are superseded by the Agreement. This Agreement shall be binding on the Buyer and Seller and their respective successors.  
22.4 Guarding: The standard guarding provided by Capmatic may not suit all local requirements. Additional guarding, at extra cost, can be provided to meet specific requirements.  
22.5 Recommended Spare Parts/Spare Part Kits are provided as part of the Documentation material.

