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BUSINESS ITEMS:
1. Bottle Unscrambler
2. Bottle Rinsing Machine
3. Auto Filling Machine
4. Auto Capping Machine
5. Labeling Machine for Adhesive Labels
7. Shrink Sleeve Labeler
8. Complete Line Solutions

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KWT-8W12
Auto Bottle Rinsing Machine

Application: This machine is designed for cleaning bottle by air or water.

Features:
1. Machine construction made by stainless steel SUS304.
2. Bottle turn-over transfer device.
3. Bottle sensor and indexing unit controlled by air cylinders.
4. Bottle clamper and rotary air cylinder to turn bottles 180 degree.
5. Stainless steel SUS304 conveyor frame.
6. Mitsubishi PLC control system.
7. Digital LCD touch screen displaying and setting.
8. The height of bottle holding assembly can be adjusted.
9. Photocell sensors (Germany SICK brand).

KWT-860PS
Six Nozzle Auto Filling Machine (with Piston Pump Driven by Servo Motor)

Application: This machine is designed for handling from water-think to viscid product. Specially for shampoo, gel, sauce... etc.

Features:
2. Fast change-over design for different size of bottle.
3. Mitsubishi PLC Control System.
4. Digital LCD touch screen displaying and setting.
5. No bottle - No filling safety device.
6. Volumetric filling system by Piston Pump Driven by Schneider Servo Motor with driver.
7. The filling volume can be settled on the touch screen.
8. Dipping type filling nozzle, no spilling of liquid onto clean bottle and conveyor.
9. Filling nozzle holding device and uplift assembly with a huge solenoid cylinder.
10. Photocell sensors in Germany SICK brand.
11. One air compressor with dryer should be prepared by user.

Options:
1. Agitator with a variable speed AC motor for mixing the liquid.
2. Liquid feeding pump with a stand.
3. Pressure liquid tank for thick liquid.
4. Safety guard.
KWT-880R

Eight Nozzle Auto Filling Machine (with Rotary Lobe Pump)

Application: Rotary lobe pumps design for handle from water-thin to viscous products. They are suitable to handle the viscous and foamy products found in the food and chemical fields.

Features:
1. Machine construction covered by stainless steel SUS#304.
2. Fast change-over design for different size of bottle.
3. Mitsubishi PLC Control System.
4. Digital LCD touch screen displaying and setting.
5. No bottle – No filling safety device.
6. Volumetric filling system by rotary pumps driven by AC motors with inverters.
8. Dipping type filling nozzle, no spilling of liquid onto clean bottles and conveyor.

Options:
1. Agitator with a variable speed AC motor for mixing the liquid.
2. Liquid feeding pump with a stand.

INSIDE OF ROTARY LOBE PUMP

AGITATOR [OPTIONAL]
KWT-880FL

Eight Nozzles Auto Filler (with Flow Meter)

Application: The “FL” series identify the machines equipped with flow meter technology, the filling machine provides great flexibility, quick product change-over times and ease of cleaning. They are suitable to handle viscous and foamy products found in the chemical, cosmetic, pharmaceutical and food fields.

Features:
1. The machine can be equipped either with magnetic or mass flow meters, depending on product conductivity.
2. Ability to fill a wide range of container sizes.
3. High hygiene and easy cleaning.
4. Mitsubishi PLC Control System with touch screen.
5. Selection of dosing volumes and recipes from the touch screen.
6. Minimum down time between liquid and container changeover.
7. No bottle – No filling safety device.
8. Diving type filling nozzle, no spilling of liquid onto clean bottles and conveyor.
9. Photocell sensors (Germany SICK brand).

Options:
1. Liquid feeding pump with stand.
2. Safety guard.
KWT-8100F
Ten Nozzle Auto Filling Machine

Application: This machine is designed for mineral water & wine.

Features:
1. Machine construction covered by stainless steel SUS#304.
2. Fast change-over design for different size of bottle.
4. Mitsubishi PLC Control System.
5. Digital LCD touch screen displaying and setting.
6. No bottle - No filling safety device.
8. Filling nozzle holding device and uplift assembly with a huge solenoid valve.
9. One air compressor with dryer is required to be prepared by user.
10. Photocell sensors (Germany SICK brand).

Options:
1. Liquid feeding pump with a stand.
2. Safety guard.

KWT-8120C
Twelve Nozzle Auto Filling Machine (with Spiral Pump)

Application: This machine is designed for engine oil.

Features:
1. Machine construction covered by stainless steel SUS#304.
2. Fast change-over design for different size of bottle.
3. Mitsubishi PLC Control System.
4. Digital LCD touch screen displaying and setting.
5. No bottle - No filling safety device.
6. Volumetric filling system by spiral pumps driven by AC motors with inverters.
8. Dipping type filling nozzle; no spilling of liquid onto clean bottles and conveyor.

Options:
1. Liquid feeding pump with a stand.
2. Safety guard.

Spiral Pump
**KWT-130S**

**Side-Wrap Semi-Auto Capping Machine**

**Application:** This machine is designed to handle Trigger Spray Cap, Pump Cap, Push-Pull Cap, Snap Hinge Cap, Sport Push-Pull Cap for general products.

**Features:**
1. Machine main construction by stainless steel SUS#304.
2. Stainless steel conveyor frame and adjustable conveyor guide rail.
3. Only hand wheel adjustments, no change parts are needed.
4. Side belts assembly for holding the container.
5. Fast changeover device and easy machine cleaning.
6. Torque controlled by servo motor with driver (Japan, Yaskawa brand), no damage the surface of cap.

**Options:**
1. Cap sorter and cap chute for auto cap supplying.
2. Cap hopper with elevator conveyor for supplying caps into cap sorter.

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**KWT-120**

**Table Top Semi-Auto Capping Machine**

**Application:** This machine is designed to handle Plastic Screw Cap and Flex Band Cap for general products.

**Features:**
1. For different size of cap, capping head is changeable.
2. Capping head height is adjustable through a screw hand wheel.
3. Foot pad controller.
4. One air compressor (1 HP) is required (prepared by buyer).

**Options:**
1. Capping head for the 2nd different size of cap.
KWT-151AS

One Head Auto Capping Machine (with Servo Motor)

Application: This machine is designed to handle Plastic Screw Cap, Click-Loc Cap and Flex Band Cap for flat/oval/square shape containers.

Features:
1. Machine main construction by stainless steel SUS#304.
2. Mitsubishi PLC control system combined with Pro-Face touch screen.
3. Auto cap feeder with caps vibrating bowl and cap chute for one size only.
4. Cap chute with photo sensor, machine will stop automatically while no cap.
5. Pick & Place unit is driven by servo motor, the cap gripper do the pre-capping job when place caps on bottle.
6. One capping head (for one size only) with variable speed AC motor.
7. Side belts assembly for holding the container.
8. Fast changeover device and easy machine clearing.

Options:
1. Vibratory bowl, cap gripper and cap chute and capping head for different size of cap.
2. Cap hopper with elevator conveyor for supplying caps into cap sorter.
KWT-180AS
Auto Capping Machine (Indexing Type with Servo Motor)

Application: This machine is designed to handle Plastic Screw Cap, Click-Loc Cap and Flex Band Cap for round / square / irregular shape containers.

Features:
1. Machine main construction by stainless steel SUS#304.
2. Mitsubishi PLC control system combined with Pro-Face touch screen.
3. Auto cap feeder with cap vibrating bowl and cap chute for one size only.
4. Cap chute with photo sensor, machine will stop automatically while no cap.
5. Capping head (for one size only) with variable speed AC motor.
6. Fast changeover device and easy machine cleaning.

Options:
1. Bottle star-wheel for the 2nd different size of bottle cap.
2. Vibratory bowl, cap gripper, cap chute and capping head for different size of cap.
3. Cap hopper with elevator conveyor for supplying caps into cap sorter.
4. Safety guard.

KWT-180AR
Auto Cap Sealing Machine (for Aluminum ROPP Cap)