

RIDERS STAR GROUP LTD.

COMPANY PROFILE

We help businesses find and set up the best machines for their work. We have a lot of experience in this area and we only sell high-quality equipment. We also offer training to help your team use the machines properly.

Our goal is to make your business more efficient and successful.

MORE INFO

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YOUR GATEWAY
TO
RIDERS GROUP
INDUSTRIAL
EXCELLENCE



RIDERS Star Group Ltd.

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R.Riders Group Ltd. provides full-service support for industrial machinery, including sourcing, buying, delivery, installation, warranty, and training.

We help new entrepreneurs and businesses achieve their Goals with complete solutions.

Fully Automatic Spring Water Processing Line

Our full automatic drinking water processing line provides seamless, high-efficiency production from start to finish. Designed for spring water, this complete line includes purification, bottling, and capping stages, ensuring premium quality and safety. Ideal for commercial spring water processing, it's engineered to maximize productivity and reduce manual handling.

Product Description



Product Application

1. The mineral water production line uses direct connection technology between air conveyor and in-feeding star-wheel to substitute in-feeding screw and conveyor to ease the process of bottle-size-changing.
2. Neck-hanging technology is applied in bottle transportation of the automatic water filling machine. Instead of traditional star-wheel, we use neck-hanging gripper to make bottle-size-changing easily, without equipment height adjustment, only arch board and star-wheel such little nylon parts need to be changed.



3. Specially-designed rinsing grippers which are made of stainless steel are firm and durable, with no contact to screw part of the bottle to prevent second pollution in this automatic water filling machine.
4. Rapid gravity filling valve with high flow makes filling faster with accurate liquid level and without any liquid loss.
5. Splint of star-wheel using twist descending way to simplify the process of bottle-size-changing.



Features:

1. The mineral water filling machine adopts advanced human-machine interface control. High quality international name brand key components.
2. Suspension bottle neck catcher structure allows the machine change the bottle type easily. By changing the valves, it also can be used as hot filling machine.
3. Spring type rinsing catcher can wash both inside and outside of the bottle.
4. High accuracy pressure water filling mechanism, ensure the height and quantity of the water filling.
5. Magnetic powered cap device ensures tightness and prevents damage of the caps.
6. Quiet, rotary cap unscrambler will not damage caps. Photoelectric sensor detect missing caps thus eliminating uncapped bottle spillage.
7. Built-in safeguard mechanism ensures the safety of operator and machine.
8. High efficient air clean filter system ensures high sanitary requirements.
9. Low overall machine noise.

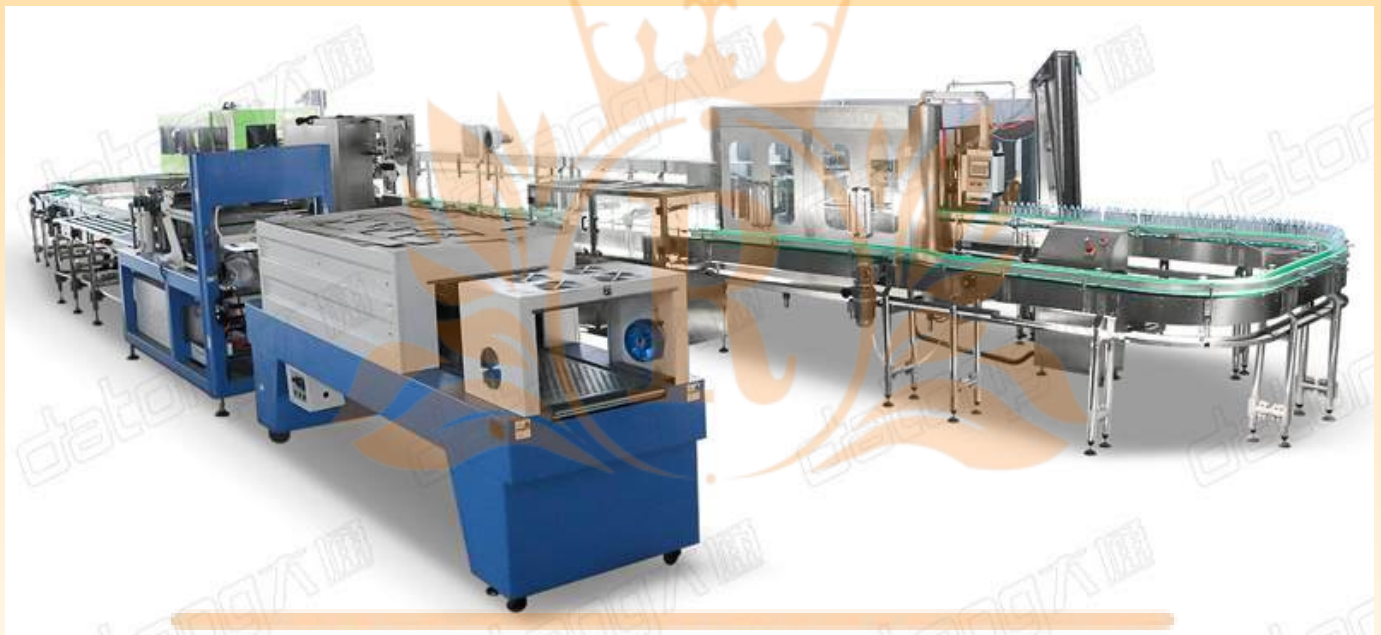




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Technical parameters:

| Mode | CGF14-12-5 | CGF16-16-6 | CGF18-18-6 | CGF24-24-8 | CGF32-32-10 | CGF40-40-12 | CGF50-50-15 | CGF60-60-15 |
|--------------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------|
| Production capacity(B/H) | 2000-3500 | 3500-5000 | 5000-7000 | 7000-12000 | 12000-15000 | 15000-20000 | 20000-24000 | 24000-30000 |
| Suitable bottle shape | Circular or Square | | | | | | | |
| Bottle diameter(m) | Φ50-Φ95 | | | | | | | |
| Bottle height(mm) | 150-310 | | | | | | | |
| Washing medium | Aseptic Water | | | | | | | |
| Total power (kw) | 2 | 3.5 | 4 | 5.5 | 7.5 | 11 | 15 | 20 |
| Weight (kg) | 2200 | 2800 | 3500 | 4500 | 6000 | 9000 | 15000 | 18000 |
| Overall dimensions (mm) | 2050*1550*2200 | 2400*1750*2200 | 2550*1850*2200 | 3000*2150*2200 | 4200*2700*2400 | 4700*3200*2400 | 6500*3350*2400 | 7200*3 |



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PRODUCTION LINE FLOW

1 drinking Water Treatment Equipment

1 Process: Spring-raw water booster pump, mechanical filter, precision filter, active carbon filter, sodium exchanger, RO machine/ hollow fiber ultrafiltration device, Store tank, UV sterilizer, ozone generator and other equipment.

It can effectively get rid of muddy organic, iron, manganese and oxide, filter suspended substance, colloid, remained oxygen of micro-organism and some of height-metal ion in the water. This water treatment equipment can also reduce hardness of water to make it all specifications of the water quality fully meet the state fresh water standards, even that of standard of mineral water,



2. Bottle Blowing Machine

Automatic PET Bottle Blowing Machine is suitable for blowing PET bottles of various shapes, volume from 100 ml to 2000 ml, wide application for blowing mineral water bottles, soda bottles, cola bottles.

1. New double crank four pull-up bar clamping structure, cross balance fixed slide.
2. Sealing, stretch adapts parallel bars (CIS) design, combined, good for products molding.
3. Advanced gas path design, single, dual air intake can be; low-pressure mechanical clamping, sealing, stretching; high pressure blowing molding.
4. Programmable PLC controller automatically control, microcomputer touch screen convenient operation.
5. Bottle embryo heated by infrared, controllable constant pressure control, so as to achieve the best blowing precision.

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3. Washing, Filling, Capping 3-in-1 Machine For Filling Water

Washing, Filling, Capping 3-in-1 Machine is a set of equipment with high precision and speed to fill liquid. It adopts bottle-neck block technology, not only avoiding second pollution to the bottle-neck, but also realizing filling different specs of bottles in one equipment, which greatly improved commonality of this equipment. Production capacity is 2000 bottles to 250000 bottles per hour. Main-frame machine adopts frequency controlling electric motor, which is much convenient to adjust speed in scope of production capacity.



4. Inkjet Date printing Device

This machine is mainly used for print date on to the bottle.





5. Sleeve Labeling Machine

This machine adopts exclusive-design multi-cutter, mining agencies combination of steel, smooth moves. The tools life is doubled. Simple center- guided positioning, more easily replaced specifications, make it easy for the operator to use. Aircraft of the first belt bottles brushless DC motor driven, institutional design is easy maintenance. Main machine interface manipulation simple, using only one brand, stability practical. All types of motor equipped to regulate the EU level configuration, follow customer's demand to provide the European norms.



6. Full Auto Shrinking Package Machine

- 1) Specially designed and manufactured for the high-speed packing requirements of drinks (pure water, beverage, fruit juice, and milk product)
- 2) During the product forward conveying process, it can automatically group the product into package so as to save time and enhance packing efficiency.
- 3) Touch-screen operating panel with user-friendly interface, and convenient parameter setup, absolutely an easily- to- operate machine.
- 4) The ideal model of middle-speed heat-shrinking packager is the first choice in the domestic market





Detailed Images

Machine Parts

Name: washing system
Brand: DATONG
Original: China
Rinsing gripper dial, separating water dial,
water trough.
Specially designed stainless steel
bottle gripper does not contact the
thread parts of the bottle neck, avoiding
the second contamination.



Main Features

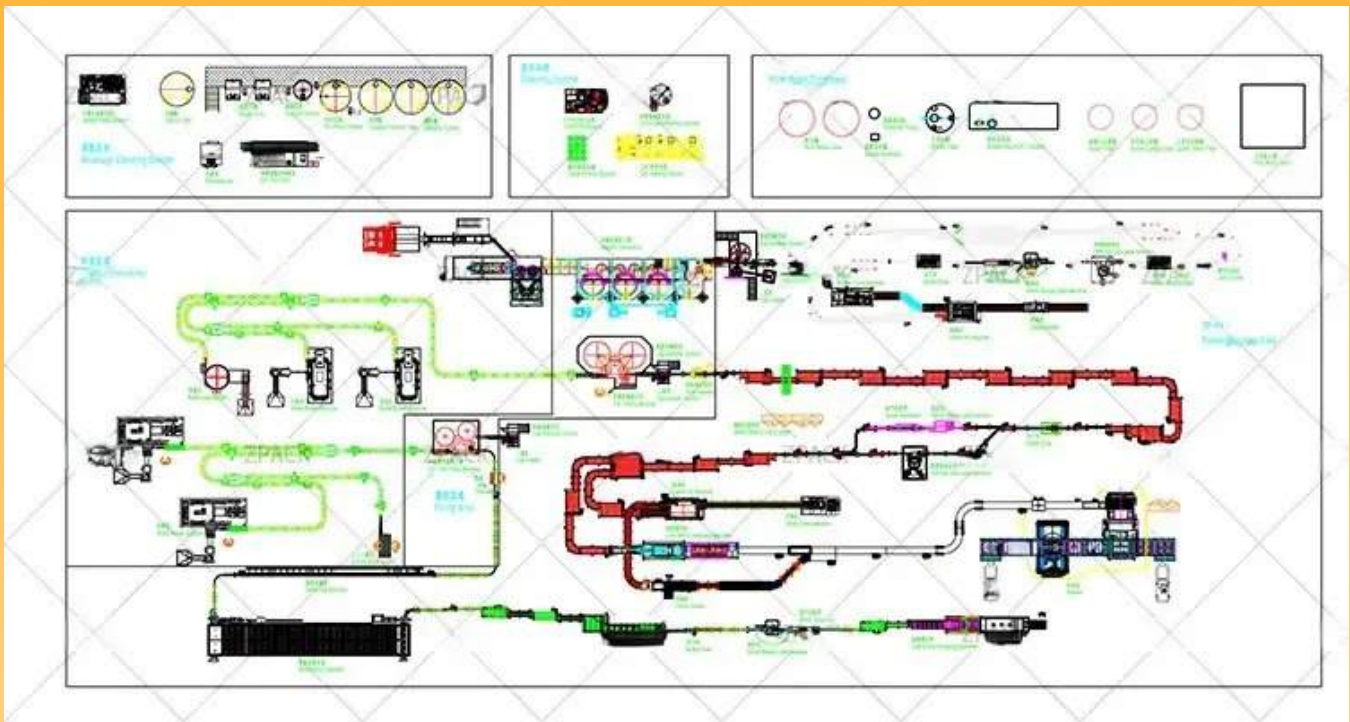
Name: filling system
Brand: DATONG
Original: China
Liquid tank, filling valves, controlling
rings, upgrading cylinder.
High speed and mass flow filling valve
ensures the high filling speed and
exact fluid level. Parts contacting
liquid are all made of excellent
stainless steel or food grade
engineering plastic.



Machine Parts

Name: capping system
Brand: DATONG
Original: China
Screwing capper, cap sorter,
falling cap guide.
Capping head have itself scale.
Easier adjust and count.





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ABOUT US

Riders Star Group Ltd. is your premier destination for sourcing, importing, and installing top-quality business machinery. With over **9 years** of experience in the industry, we've established ourselves as a trusted partner for businesses seeking reliable and efficient equipment.

Our commitment to excellence is reflected in every aspect of our services. From the moment you choose a machine to its installation and ongoing support, we're dedicated to ensuring your complete satisfaction. We offer a wide range of products, each backed by a **guarantee** of quality and performance.

Our team of experts is always available to provide **comprehensive training** on your new equipment, empowering your staff to maximize its potential.

Led by **Md. Towhidur Rahman**, CEO, Riders Star Group Ltd. is committed to delivering exceptional value and service to our customers.