



# **WELLBING** MACHINERY

Regional leaders  
in supplying equipment for  
the bottled water & beverage industries



# A recognised and leading water & beverages packing machinery supplier



## Wellbing Packaging Machinery

A dedicated turnkey project provider for various water, juice and beverage manufacturers. Based on the conception of "Best Never Rest", wellbing grows to excellence by providing customers with the quality machineries, spareparts and services to fully meet the customer's requirements.

Our leading business covers water treatment, PET bottled drinking water production line, 5 gallon drinking water production line, cupped drinking water production line, carbonated drinks production line, and juice production line, etc.

Over the years, We have successfully served so many premium customers in the Middle East and Africa thus gained a proud and strong position in the market.

We will constantly enhance our innovation on machinery and services to create benefits to our valued customers. Our step to perfection simply can never rest!

## What **We Do**

Since 2011, we have been providing safe and reliable systems for converting water into pure, fresh water and packaging for human consumption.

We design, install and commission water plant that extremely reliable and user-friendly even in the toughest conditions.

## Our **Vision**

As technology in our industry improves we parallel this with our own adaptation.

We strive for better than 'current best practice' on a day to day, contract to contract basis.

## Our **Mission**

To strive always to deliver excellence by providing superior design and technology, using the finest components available worldwide, and to always provide prompt and efficient after-sales service anywhere in the world.



## **Values**

Purifying water is a responsible business and we take this responsibility to completely a new level.

Quality overrides all - except safety.

## Our Products

- 💧 Combiblock-blowing-filling-capping
- 💧 Rotary blowing machine
- 💧 Automatic linear blowing machine
- 💧 5 Gallon filling line
- 💧 Water Filler
- 💧 Juice filler
- 💧 Carbonated beverage filler
- 💧 OPP hot melt glue labeler
- 💧 PVC shrink labeler
- 💧 Film shrink wrapping machine
- 💧 Automatic wrap case packing machine
- 💧 Automatic palletizer
- 💧 Cup thermoforming - filling-sealing machine
- 💧 Water treatment system
- 💧 Beverage process system
- 💧 Pet preform injection moulding machine
- 💧 Pet preform injection mould
- 💧 PC -5gallon blow moulding machine



## Blowing—Filling—Capping Combi-block

Wellbing blowing—filling—capping combi-block machine combines the blowing system, filling system and capping system in one integrated system, reducing several intermediaries such as transmission, empty bottle handling and storage processes, which improves packaging hygienic condition and reduces packaging cross-contamination so as to improve the overall operating efficiency but lower the energy consumption, thereby reduces the overall production cost of enterprises. It is applied to PET bottled pure water, carbonated soft drinks, juice, liquid dairy, liquid condiment and household & personal care products etc.



# Our Products

## Rotary Blow Molding Machine

The new blowing series utilizes a classic double cam telescopic gripper system, this guarantees reliable movement and easy maintenance. The mold carrier utilizes a shell blow mold design that reduces the changeover time for different blow molds. The mold carriers accommodate all shell type molds from conventional blow molding machines and this saves time and expense for bottle producer. Moreover, the reliable quick locking system maximizes the performance of the mold carriers.

A changeable cam for the stretching curve guider guarantees the form quality for different sizes of bottles. Monobloc blowing valves make the fastest and most consistent blowing process possible. Bottle necks are protected during the blowing stage by a specially designed sealing unit.



## Automatic Linear Blow Molding Machine

This machine is specialty designed and manufactured on the basis of introducing advanced technology. It is mainly used for water, juice and tea beverage PET bottles. The machine features reasonable structure, small area and less air consumption, perfect stability, and so on. By meeting the relevant national food hygiene standards, it is ideal packaging equipment for large and medium-sized enterprises.

The blow molding machine is mainly used for all kinds of plastic bottle pre-form stretching. Far-infrared lamps are heat source, through servo motor driving chain to make pre-forms rotate for even heating. Then performs will be sent into cavities and blown into bottles by high pressure air.





## Our Products

### 5 Gallon filling line

- The machine integrates rinser, filler and capper together;
- The machine is of stainless steel, resisting corrosion and easy to clean.
- The main electrical components and gas circuit elements are all of international brand.
- Water pump is Nanfang, Hangzhou (Grundfos is available)
- Nozzle is of USA Spraying System technology.

According to the customer's requirement, the machine could be equipped with automatic decapper, automatic leakage inspector, external washer, automatic cap loader, automatic shrink labeler, etc.

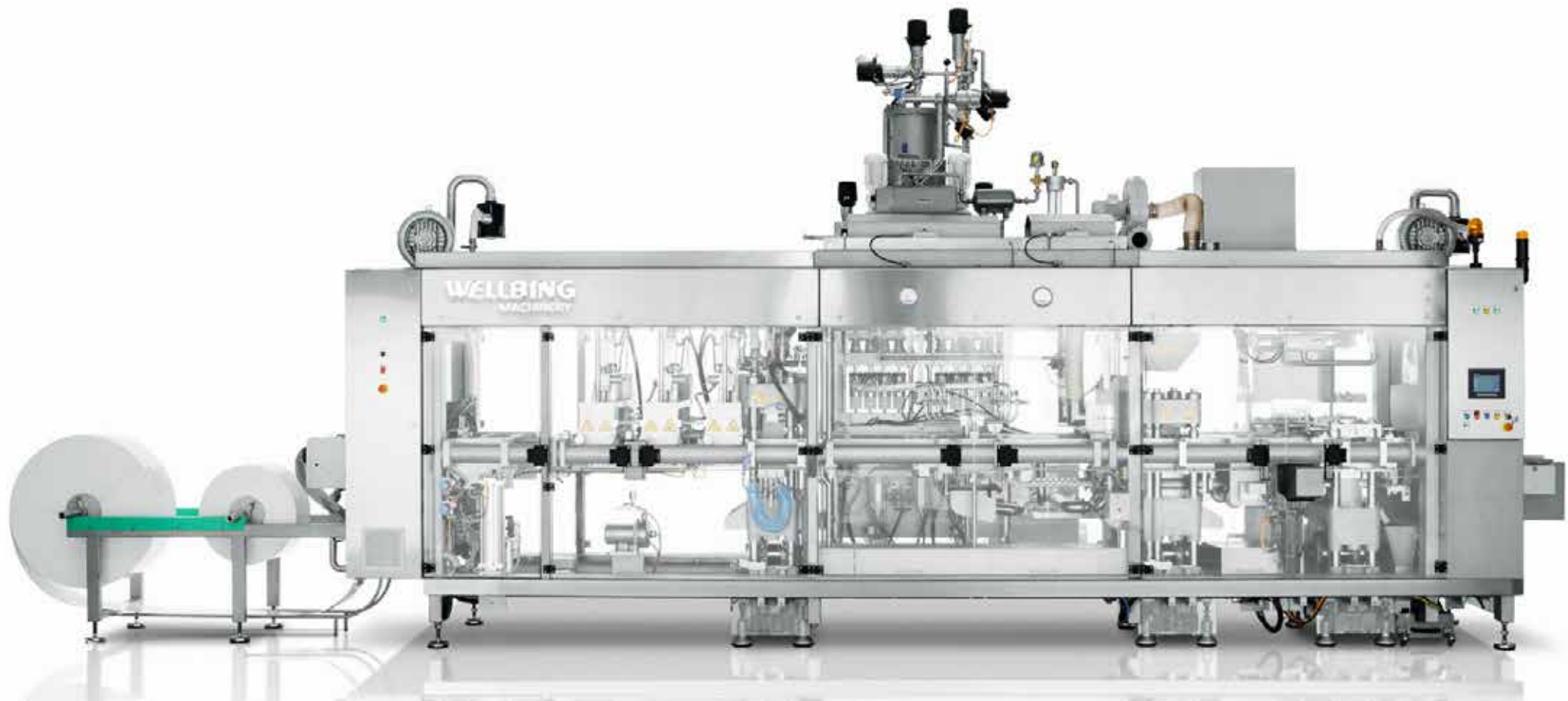




## Cup Thermoforming - Filling-Sealing Machine

Thermoforming machine to produce water cups 110ml-200ml 250-ml. Thermoforming form/fill/seal machine which works from hard thermo-plastic material as received from reel, makes inline forming by using pressure system, Filing product automatically, then covered its thermo sealing material.

- The servo drive has been through.
- The machine is made of stainless steel
- Fitting tanks auto supply. Electric switch and level control valves are made of 316L stainless steele
- All fault conditions are warning on the screen,
- Temperature control with the analog 20—4 mA transmitted to the PLC



# Our Products

## Water Filler

Direct connection technology is adopted between air conveyor and in-feeding star wheel to substitute in-feeding screw and conveyor, easing the process of bottle-size-changing.

Neck-hanging technology is applied in bottle transportation. Instead of traditional star wheel, we use neck-hanging gripper to make bottle-size-changing easily, without equipment

height adjustment. Only such little nylon parts as arch board and star wheel need to be changed

Specially-designed rinsing grippers made of stainless steel are firm and durable, without contact to screw part of the bottle to prevent secondary pollution.

Valve-opening device is driven by cylinder with accurate action, rapid flow and high filling precision. CIP system and control program are equipped for thorough rinsing.





## Juice Filler

Direct connection technology between air conveyor and in-feeding star wheel is applied to replace in-feeding screw and conveying chain to ease bottle changing process with only few parts change. Newly-designed bottle-separating grippers are assembled to star wheel.

Neck hanging technology is applied in bottle transportation. Instead of traditional star wheel, we use neck-hanging gripper to make bottle size changing easily without equipment height adjustment. Only few parts need to be adjusted



# Our Products

## Carbonated Beverage Filling

Direct connection technology is adopted between air convey— or and in—feeding star wheel in place of in—feeding screw and conveyor to ease the process of bottle—size—changing. Neck—hanging technology is applied in bottle transporta- tion. Instead of traditional star wheel, neck—hanging gripper is adopted to make bottle—size—changing easy, and equipment height adjustment unnecessary. Only such little nylon parts as arch board and star wheel need to be changed.

Specially—designed rinser grippers made of stainless steel are firm and endurable, with no contact to screw part of the bottle to avoid secondary pollution.

Rapid pressure filling valve with high flow makes filling faster and accurate without any spillage.





## Water Treatment System

It is mainly composed of the following equipment: pre-treatment system (multi-media filter, active carbon filter, micron filter, millipore filter), membrane separation system (ultra filter, nanometer filter, RO system), sterilization system (UV device, ozone device), and so on.



## Beverage Process System

Various fruit juice, juice concentrate, tea leaf, tea powder, cereal, health care ingredients as main raw material, through dilution, extraction, cooking, grinding, homogenization, degassing and filling etc flow procedures, can be manufactured into various fruit juice, tea, food functional drinks.

High standard design, manufacture and project installation requirements guarantee the first-class finish products in various beverage processing lines, The whole production line is controlled by PLC, which saves labor cost and facilitates production management.





## OPP Hot Melt Glue Labeller (Made in Italy)

Ergonomic frame and safety guards to guarantee %100 access for the operator to all of the maintenance and changeover operations. Universal machine central body is available in different versions for maximum versatility and the option of choosing the type of stations to be installed at any time. Particular attention is paid to the flexibility of the rotary labelers and linear labelers which is more often required by the final users. To develop record speed labeling stations in all technologies is not merely an end in itself but it is away to study and apply new materials and state-of-the-art technologies in order to transfer them to mass-production.



# Our Products

## PVC Shrink Labeller

TB series automatic shrink labeling machines utilize the international state of the art technology. The machines use high quality stainless steel and aluminum alloys abundantly to rationalize the structure and to handle easily. The touch screens used on controlling circuits are easy to learn and operate. The brand new design conception and excellent circuit design make many parts adjustments unnecessary, and in the meanwhile, the speed of production and precision of label cutting is improved superbly.





# Our Products

## Film Shrink Wrapping Machine

The shrink wrapping machine features beautiful figure, novel configuration, easymaintenance, and electronic induction feeding film with stable and smooth transfer speed, quick film replacement.

Unique film unwrap mechanism and constant film tension conveyor are adopted, featuring prompt film cutting, automatic film connection and wrapping, and higher strength after shrink packaging. During the products forward conveying process, the products will be automatically grouped into package, so as to save time and increase packaging efficiency.

B&R servo motor control system makes bottle feeding, film cutting and film wrapping accurate, synchronous, stable, and reliable.



## Automatic Wrap Case Packing Machine

There is a conveyer device in this machine arranges bottles in order. The cardboards are loaded on the other side of this machine, When bottles and cardboard are conveyed to the packing area, bottles will put on the surface of packing sheets. Then, the cylinder produces powerful suction to make cardboard with bottles forming the shape of carton. After that, formed carton with bottles will be conveyed to apply hot melt glue to end the packing procedure.





## Automatic Palletizer

Applicable to: carton and film packing products palletizing. Cartons or shrink wrapped packages are feeding from the side, which saves space and simplifies transport system. It can save %50 of robot costs.

Advanced layer—type palletizing design and advanced configuration ensure stable performance and low power consumption.



## Our Products

# PET Perform Injection Molding Machine

Servo driving systems ensure fast and accurate moving of the robot plate

Operator friendly Siemens advanced control with profibus fast closed-loop control delivers fast and stable running of the system, moreover, with this control system, functions of safety protection of machine and mould, SPC statistical analysis, remote monitoring and diagnose are available.

### Energy Saving

Multiple different circuits mechanism is used for hydraulic control of the machine, which reduces energy loss at the greatest amount during hydraulic oil circulation. Separate electric motor for mould clamping and plasticization makes individual motor running possible, which saves energy during debugging.





## PC 5 Gallon Blow Molding Machine

Electric system: Mitsubishi PLC and human-machine interface from Japan

Hydraulic system: YUKEN hydraulic valves and pump from Japan

Plastisizing system: Effective, energy—saving screw

Die head: Specially designed for PC material

Extruding system: Invertors and harden surface gear box

Clamping unit: Adopting linear slide way with precision up to  $\mu\text{m}$  grade

Parison injecting: Single hydraulic cylinder without non-synchronization

Mould changing: Extruding cover can be adjusted up and down, die head can be moved by hydraulic, and mould changing is very easy

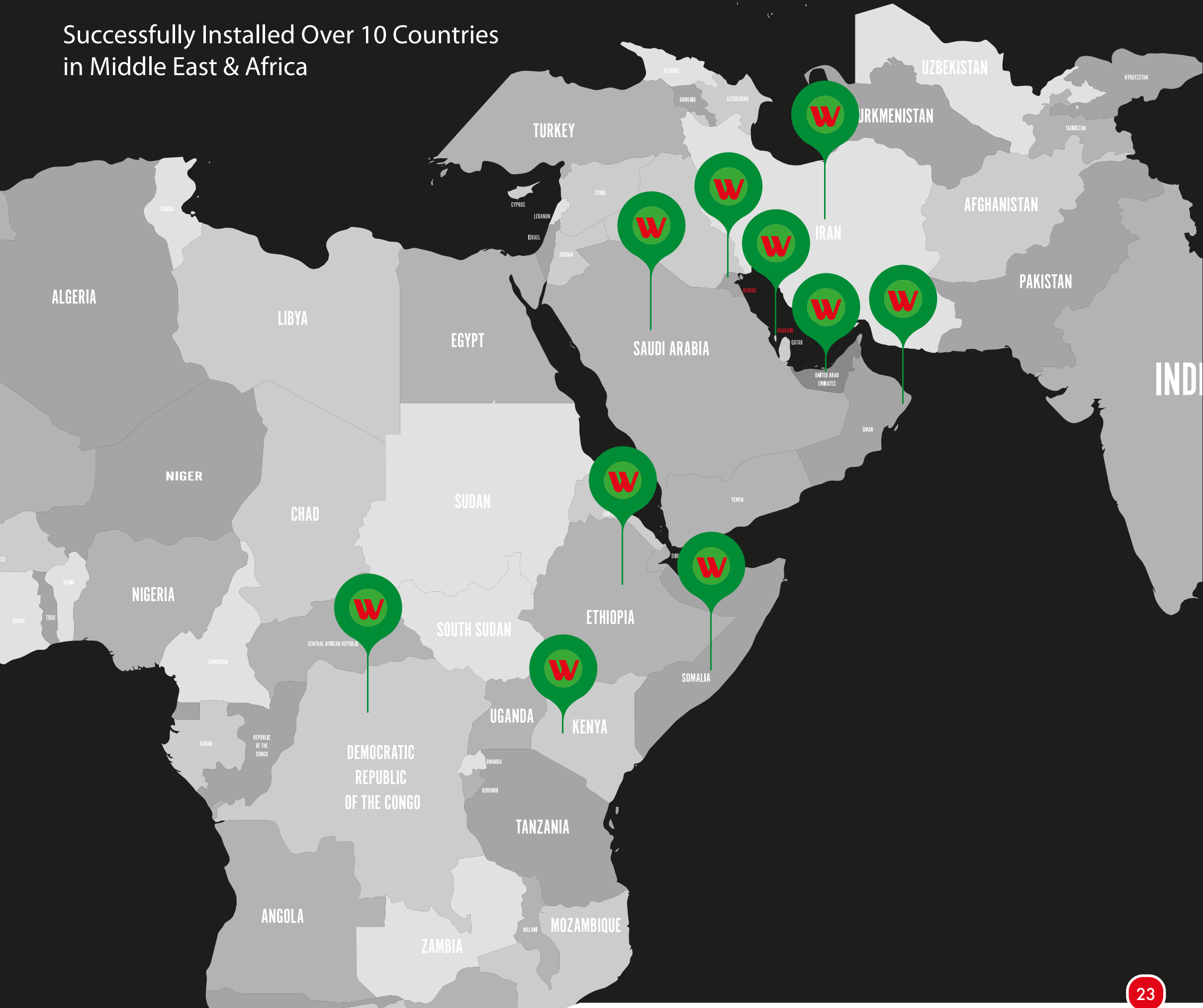


# Our Clients



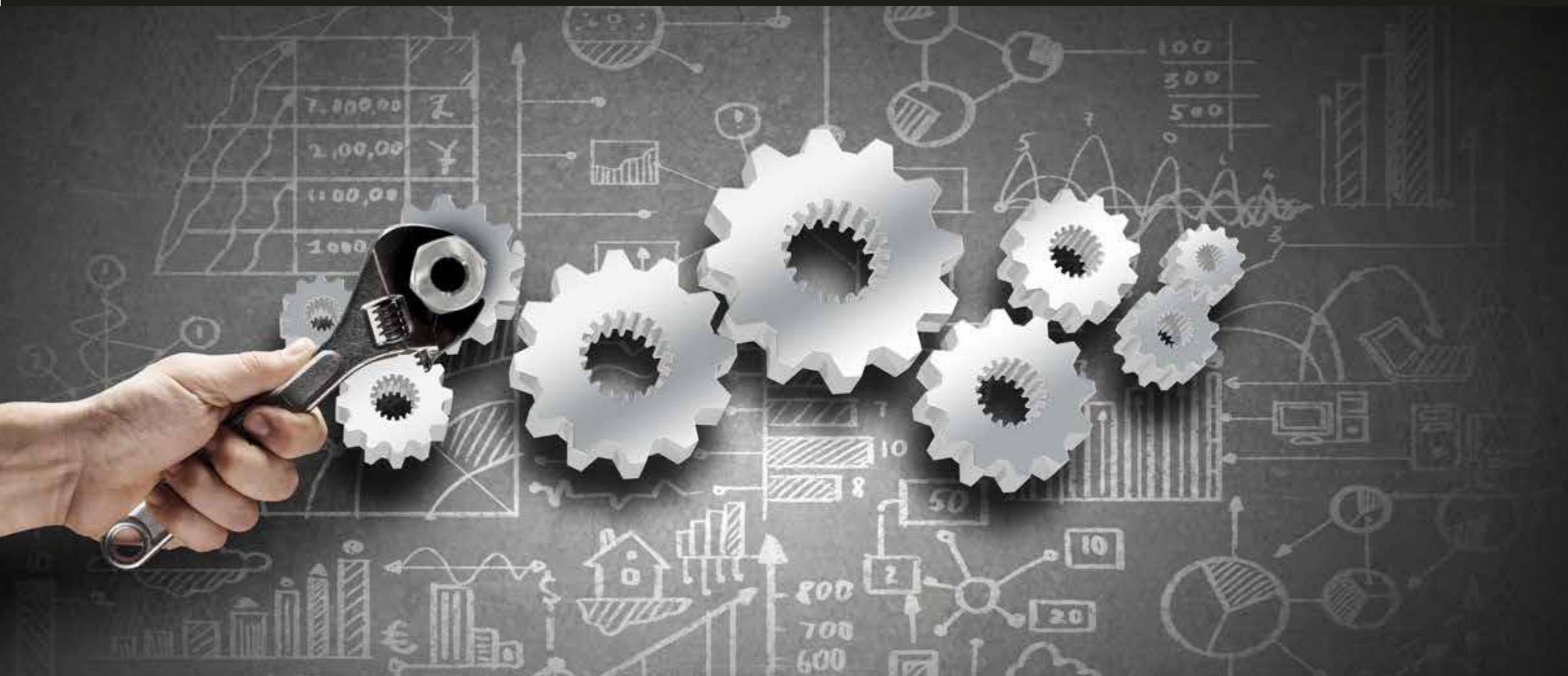


Successfully Installed Over 10 Countries  
in Middle East & Africa



## We offer **extensive after-sales services** and **technical support**

We have an extensive list of satisfied clients across the middle east and africa



We offers extensive aftersales service, technical support and stocks a full range of spare parts. We also have a team of qualified technicians and service experts on-hand, ready for dispatch on location to support customers in middle east and africa for 27/7.

They possess expertise and experience to effectively maintain our systems. Annual Operation & Maintenance Contracts can also be arranged for long-term technical support.

The background of the top half of the image is a dark, industrial scene featuring large stainless steel tanks and complex piping systems, typical of a food or pharmaceutical processing plant. The lighting is dim, with some highlights on the metallic surfaces.

# **WELLBING** MACHINERY

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The bottom of the image features a decorative footer with a red diagonal stripe running from the bottom left towards the center, and a white background for the rest of the footer area.