

Water Engineering Technologies



Water Bottling Solutions



flow of solutions

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Water Cups



5 Gallon Bottles





PET Bottles





Introduction

Water Engineering Technologies (WET) FZC is a leading integrator, distributor and supplier of quality water purification systems and bottling lines complete with its associated accessories and auxiliary equipments. Our systems covers complete range of domestic, commercial and industrial systems. WET was established, with the principle of 100% customer satisfaction, by a team of water treatment & bottling professionals in designing and manufacturing the finest and most economical quality systems. WET laces great importance in providing competent on-site support for all technologies supplied.

Celebrating our 10th Anniversary, we are proud to say that in these Ten years, we steadily move forward and established our grand position in the industry and market with compelling achievements.

“Based on customers’ interest”, it is WET’s mission to enhance product quality in order to meet our customer’s requirements. We also possess a strong network of sales, technical support and engineering service in the market.

We are looking forward to develop together with friends at home and abroad to building up a glorious future.



WET Activities

WET's core activity covers from design, manufacture, testing, installation and commissioning of all facilities which need Complete Line Solutions for all kind of PET Bottle, 5G Polycarbonated (HOD) Lines and Form, Fill and Seal Packing Machineries for water and beverage industry.

5 Gallon PC Bottling Line

Pre-Washing Machine, Washing Machine, Filling & Cap Machine, Sleeve Machine, Heat Tunnel and Auxillary Equipments.

PET Line

Blow Moulding Machine, Rinsing-Filling-Capping Machine, Sleeve Machine, Heat Tunnel and Auxillary Equipments.

Water Cup Machine

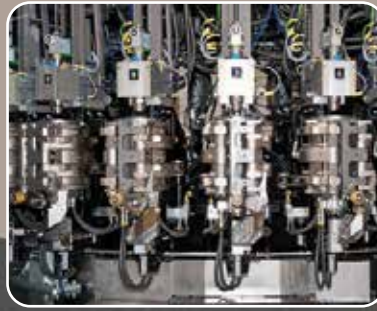
Form, Fill and Seal Packing Machinery that can offer capacities from 15000 - 5000CPH

Other Services

Apart from the bottling plants, WET range of products includes:

- Water Treatment Plant
- Waste Water Treatment & Recycle Plants
- Water Treatment Chemicals
- Spares and Consumables
- Ultrapure Water Systems

We also offer technical services such as project management at site, design, erection and commissioning, operation and Preventive Planned Maintenance (AMC) of plant, and supply of spares.



PET Bottling Line

Offering complete Line Solutions for all kind of PET Bottle Lines for water industry in different capacities. This machine is integrated with rinsing, filling and capping in one machine. The advanced bottle handling technology enables changing different size bottles much easier compared to any other technology in the market. Our machine is capable of handling PET bottles ranging from 200ml to 1500ml. Also we equip the machine with “No bottle, No Cap” system.

Blow Moulding Machine

WET BM series are the most stable two step fully automatic pet stretch blow moulding machines. All machines mechanical systems are actuated with servo-motors. It has two eight cavities and the maximum capacity of the products is 4 Gallon.

Rinsing-Filling-Capping Machine

Our machines volumetric filling technology is operated with the gear mechanism which is actuated by motor reducer group and PLC control system.



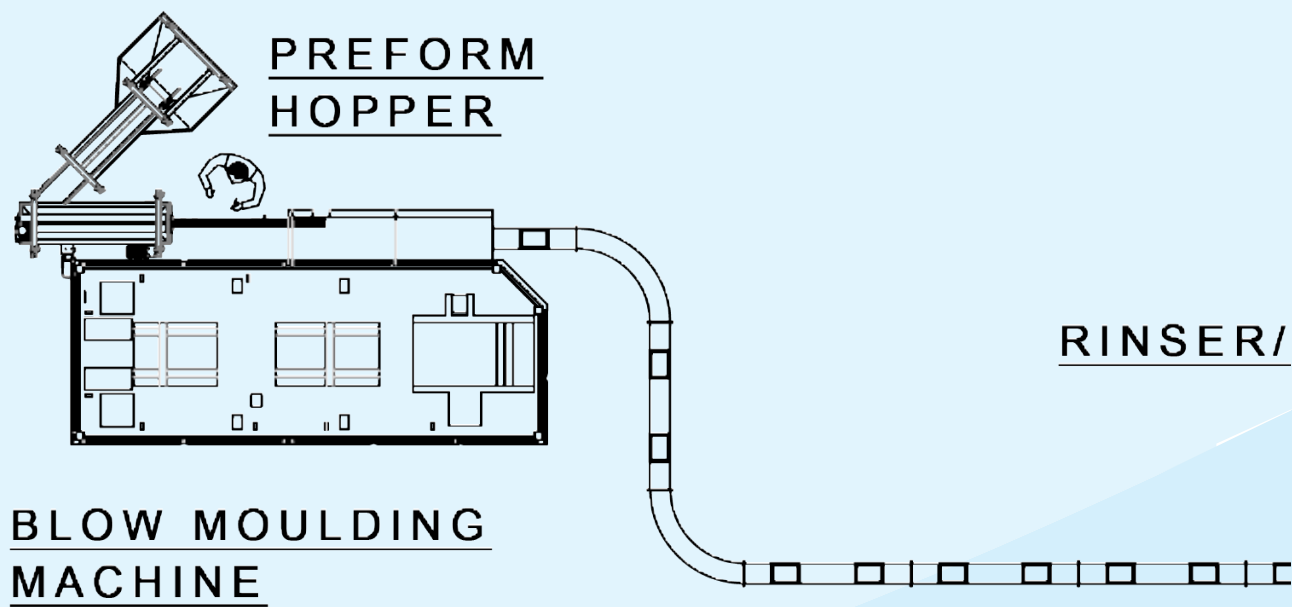
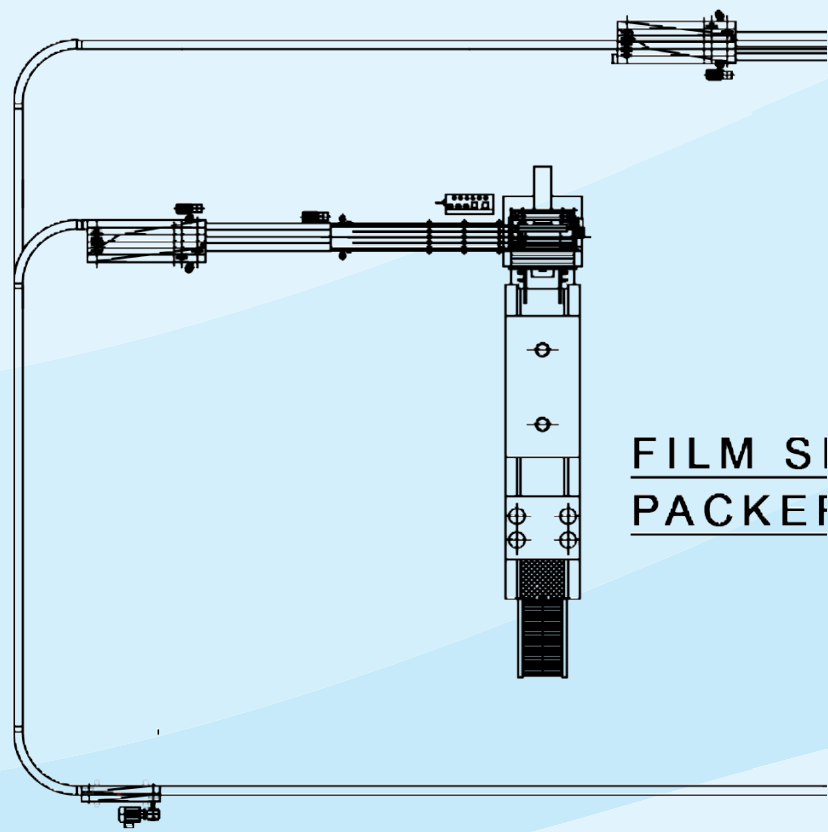
In the rinsing unit, bottle rinsing takes place when bottles are upside down by gripper with ejecting inside product water

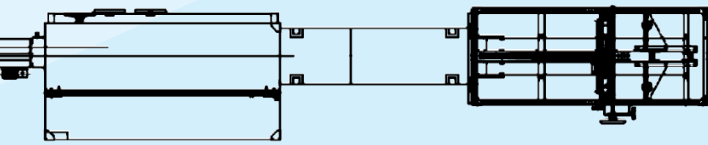
In the filling unit, volumetric filling is carried out without any contact of filling valves to the bottles and filling level is controlled by the usage of flow meter.

The capping system has electronic cap control and anti-dust technology.

PET Bottling Line Products:

- Blow Moulding Machine
- Rinsing-Filling-Capping Machine
- Cap Elevator
- Sleeve Machine
- Heat Tunnel
- Conveyors

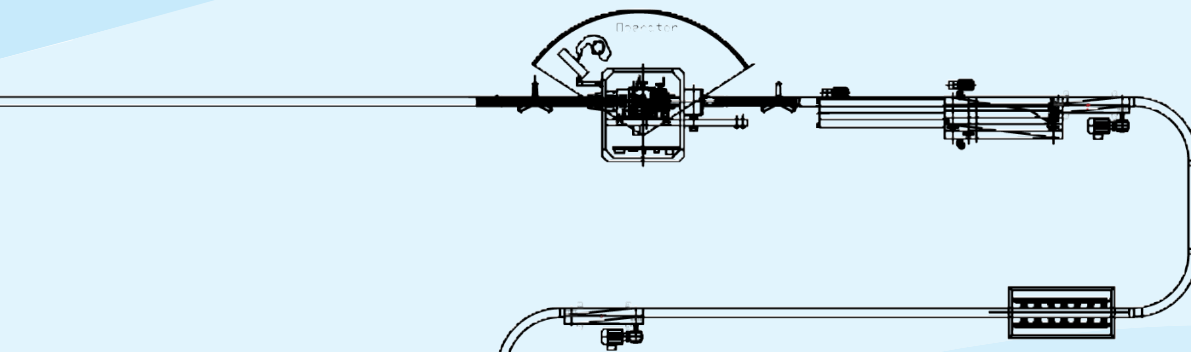




CARTON PACKING MACHINE

SHRINK
R

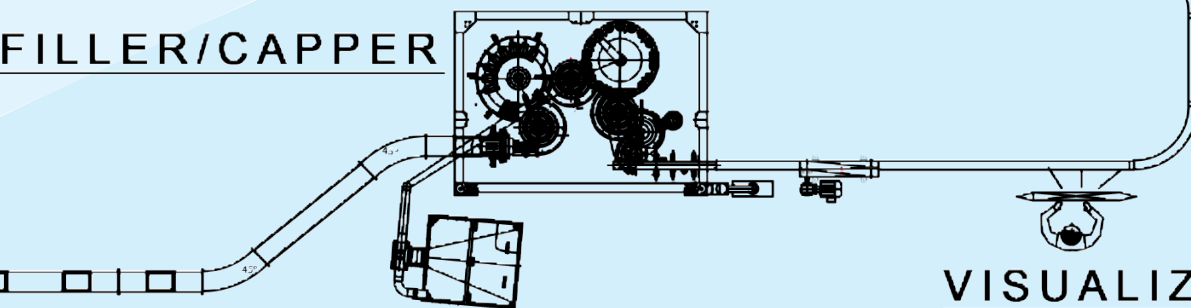
OPP LABELLER



DATE CODER

BLOW DRIER

FILLER/CAPPER



VISUALIZER

CAP HOPPER



5G PC Bottling Line

Water Engineering Technologies (WET) FZC offers a vast range of Improved Producing Solutions for 5G PC Bottle Lines for water industry with efficient support and services. All the lines are Energy Saving, User Friendly, Fully Automatic, Low Service Requests, PLC Control System

Our 5G PC line is integrated with single washing, filling and capping machine.

Washing Machine

The washing unit is manufactured to wash the returnable bottles with washing chemicals detailed and rinse them in a hygienic manner. The capacity of the washing machine is up to 26 stations as per the client requirement. It consists of 6 main sections:

- Dirty Liquid Discharger section
- Prewashed section
- Detergent washing section
- Rinse section
- Disinfection section
- Final Rinsing section



Filling Machine

Filler and the Capper will be assembled together with the washer. Empty bottles will push the filled ones by the help of a pneumatic piston. Volumetric filling, filling valves will not contact to the bottles so there won't be any top load over the bottles. Filling level will be controlled by the usage of flowmeters.

Capping Machine

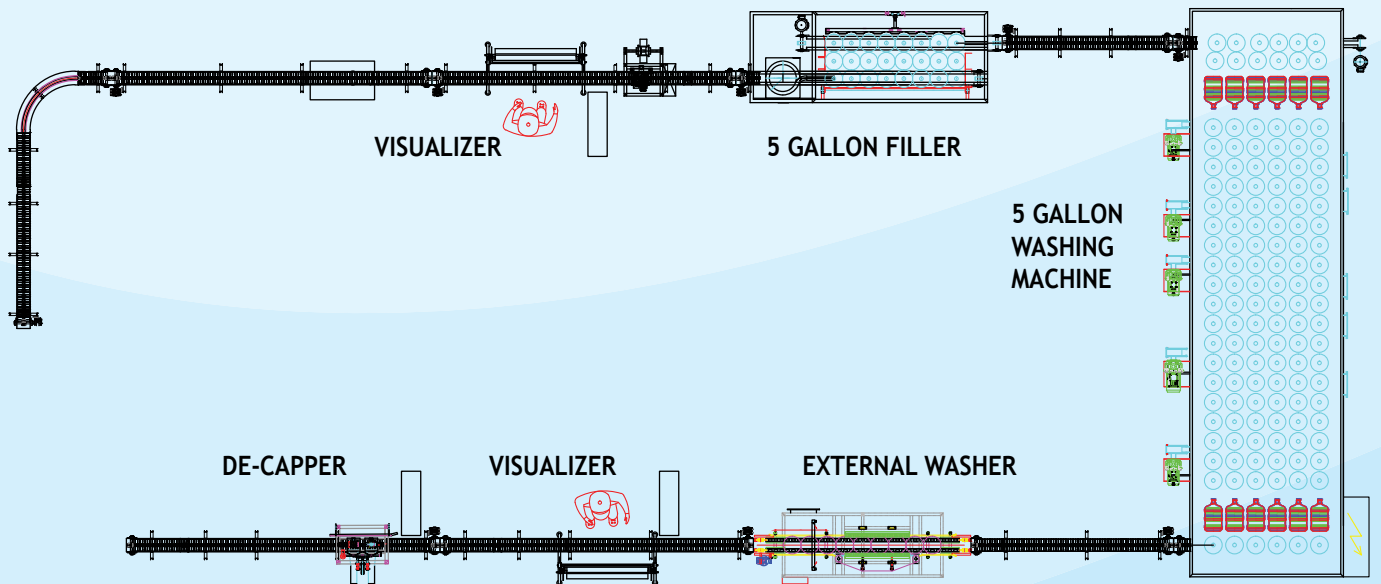
This system consists of four main parts:

- Cap Hopper
- Cap Elevator
- Cap Magazine
- Cap Palette

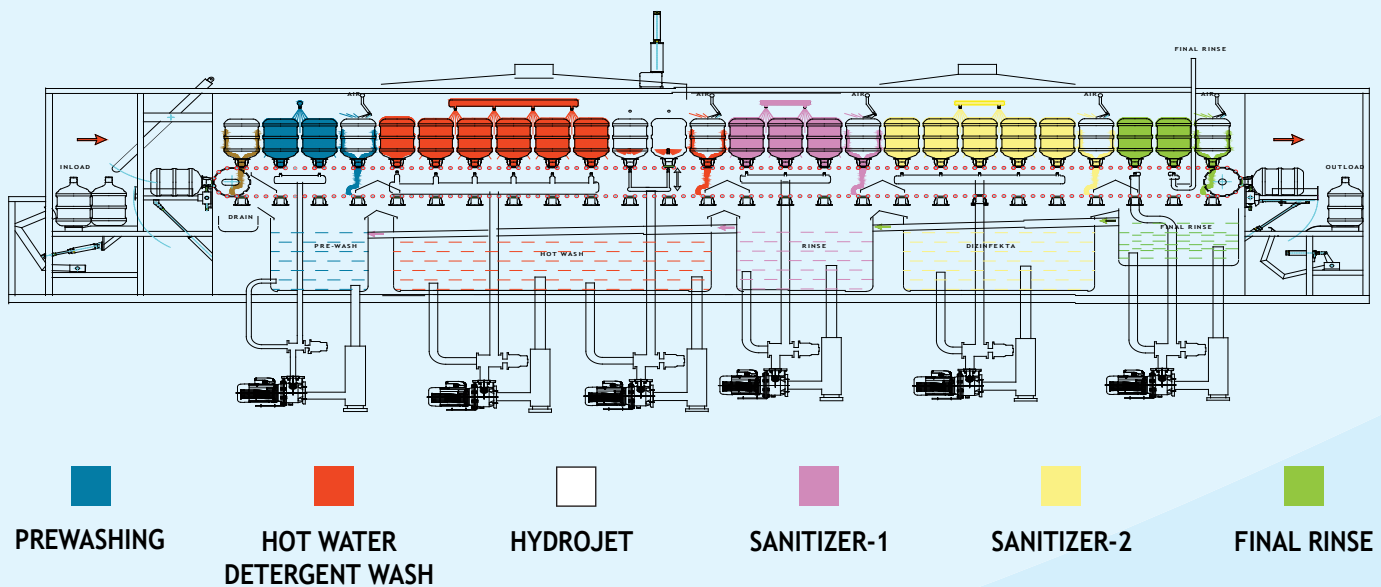
5G PC Bottle Line Products:

- Decapper Machine
- Leak Tester
- External washing machine
- Washing machine
- Filling Machine
- Capping Machine
- Cap Elevator
- Date Coder
- Sleeve Machine
- Heat Tunnel
- Visual Inspection
- Conveyor

5 Gallon PC Bottling Line Typical Layout



26 Stage 5 Gallon Bottle Washing Unit





Cup Machine

WET supplies FORM, FILL AND SEAL packaging machine that offer tailor made technical solutions for highly sensitive products, products for expanded distribution and products requiring extended shelf life. The capacity of the machine ranges from 5000 to 15000 CPH. Touch screen control panel enables full control over all parts of machine and simplifies adjustment. The WET FFS machine model offers most advanced and efficient well through-put technology which enables us to have optimized format widths, shorter draw off lengths and high cycle speeds to ensure economical and profitable production runs.

Auxilliary Equipments



OPP Hot Melt Glue Labeler



Bottle Mold



Date Coder



Conveyors



Sleeve Labeler

Utility Equipment



Low Pressure Compressor



High Pressure Compressor



Water Chiller

5 Gallon Bottle Cap Production Line



Injection Moulding Machine



5 Gallon CAP Assembling Machine



5 Gallon CAP Sealing Machine

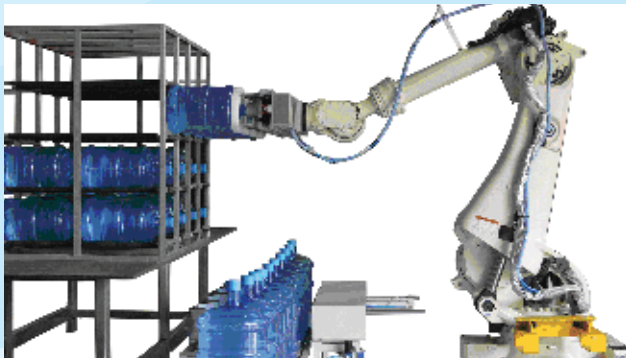
End of Line Packing Equipment



Thermal Shrink Packing Machine



Carton Packing Machine



Robotic Palletizer For 5 Gallon Lines



Robotic palletiser for PET and Cups

Water Treatment Equipments



ACF and MMF



RO System (Reverse Osmosis)



Water Storage Tanks



Ozone + UV skid



Remineralization System

Our valued customers in GCC region



ROMANA WATER INDUSTRIES
(DUBAI, ABUDHABI, INDIA)



OASIS
(DUBAI)



MASAFI
(RAS AL KHAIMAH)



AL AIN WATER
(AL AIN)



MAI DUBAI DRINKING
WATER (DUBAI)



ZAM DRINKING WATER
(ABUDHABI)



AL BAYAN WATER
(DUBAI, AJMAN)



LIFE DROPS
(AL AIN)



AL SAFA WATER
(FUJAIRAH)



YAS MINERAL WATER
BOTTLING (DUBAI)



AL FURATH DRINKING WATER
(ABUDHABI, UMM AL QUAIN)



PURITY LIFE MINERAL WATER
(ABUDHABI)



NOOR LIFE PURE DRINKING WATER
(DUBAI)



DAJLA DRINKING WATER
(AJMAN)



YANBUA DRINKING
WATER PURIFICATION (AJMAN)



DEJLA SWEET WATER
(RAS AL KHAIMAH)



AQUA BLUE
(RAS AL KHAIMAH)



AHLAN PURE DRINKING WATER
(UMM AL QUAIN)



SUPER GULF PURE MINERAL
WATER (UMM AL QUAIN)



AMRUT PURE DRINKING
WATER (UMM AL QUAIN)



AWAFI MINERAL WATER
(RAS AL KHAIMAH)



NESTLE PURE LIFE
DRINKING WATER (DUBAI)



AL GHADEER AL BAIDA
SWEET WATER (RAS AL KHAIMAH)



MISYAL SPRING NATURAL
WATER (OMAN)



AWSHAL DRINKING WATER
(OMAN)



Water
Engineering
Technologies FZC



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