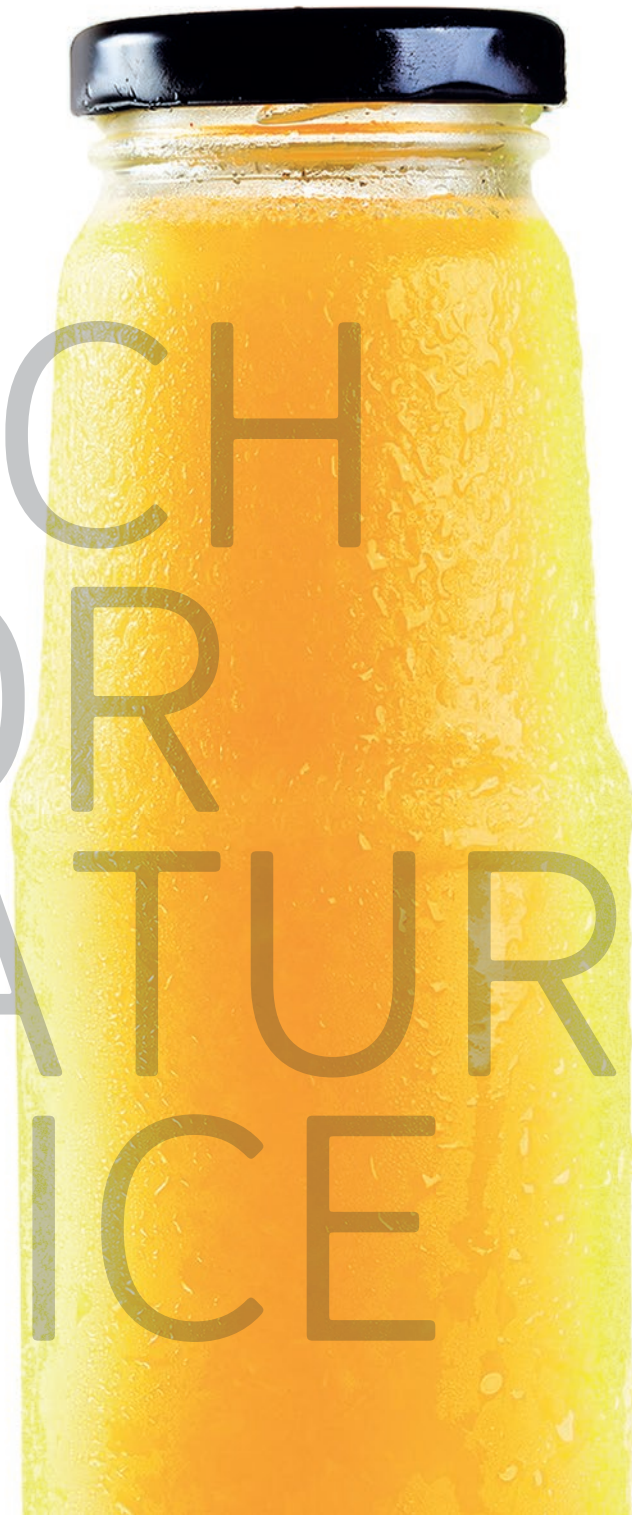
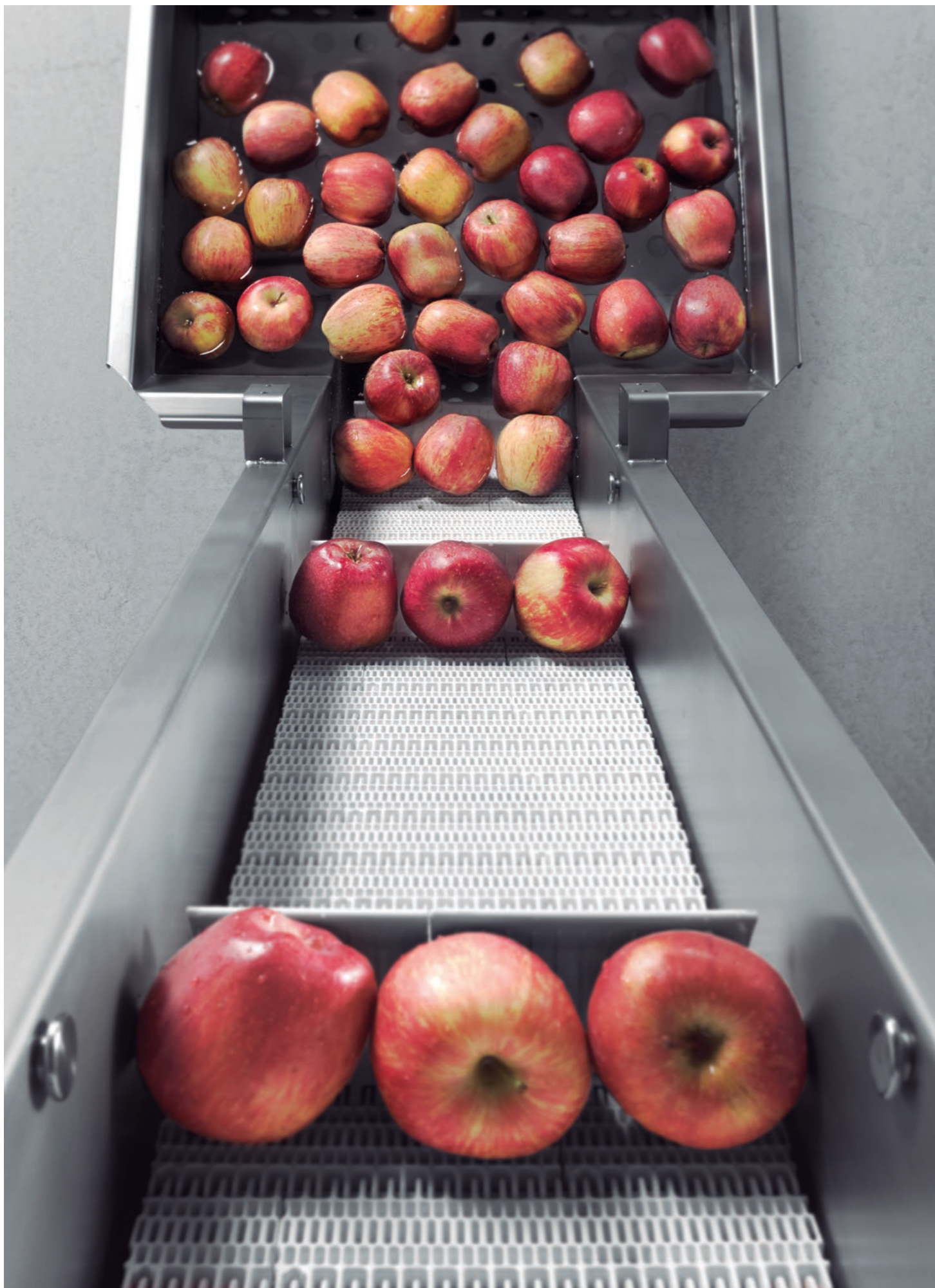


# JuiceTech



TECH  
FOR  
NATURAL  
JUICE





ZUMEX FOOD ENGINEERING  
 THE TECHNOLOGY THAT  
 GIVES VALUE TO  
 THE BUSINESS

**Zumex Food Engineering, the Zumex Group industrial division, is a leader in the manufacture of equipment and design of holistic projects and plants for the juice and food processing industry.**

We have spent more than 30 years providing companies with the technology they need, designing complete plants for juice and pulp extraction, pasteurising, concentrate, formulation, reconstitution and packaging lines for a whole range of fruit and vegetables.



JUICETECH  
 MODULAR SOLUTIONS  
 FOR PREPARING JUICES

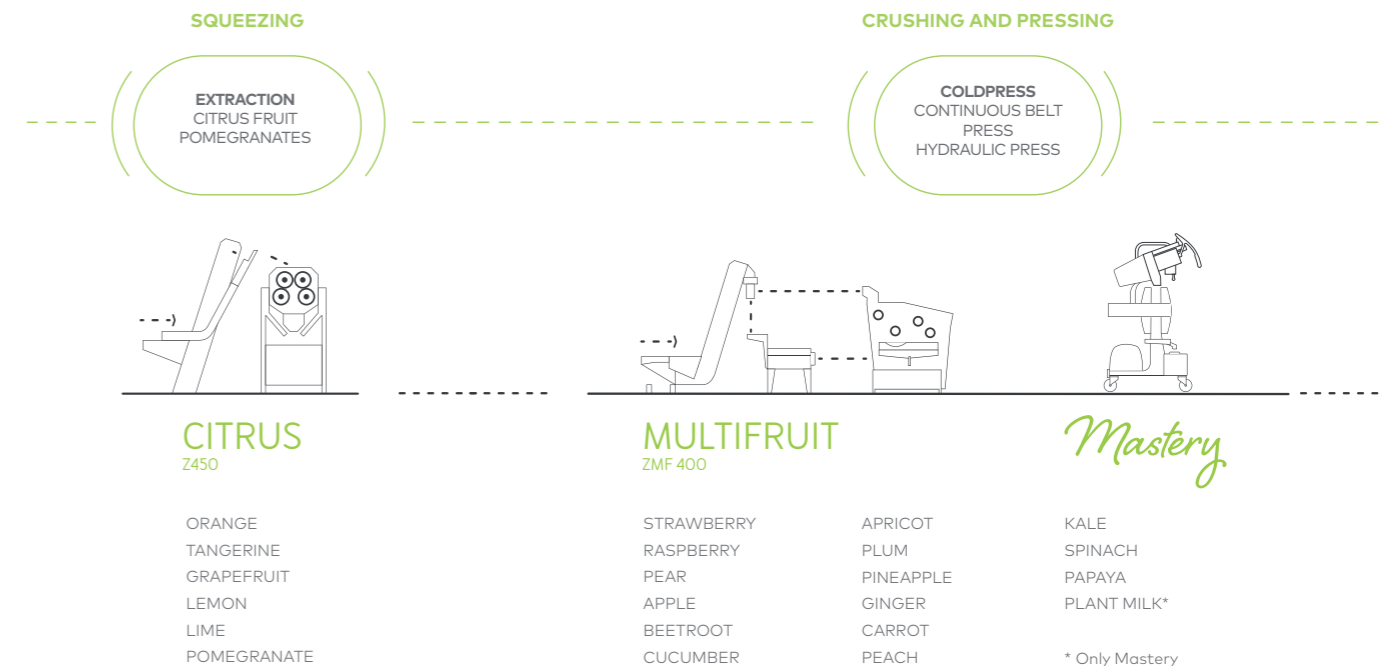
JuiceTech Solutions is a modular system for processing fruit that can be adapted to every need.

**The ideal solution for small and medium-sized production of citrus fruit, pomegranates, fruit with or without stone and vegetable juices.**

Based on one juice extraction unit, our team will advise you on how to adapt the JuiceTech Solution to your specific business needs.

THE VALUE OF CUSTOMIZATION

We configure your installation to your needs.





## JUICETECH

# FROM THE IDEA TO THE RESULT

JuiceTech Solutions opens up the door to new business opportunities: **long and medium life pasteurised juices, freshly squeezed fruit, organic, multi-fruit, smoothies, cold-press.**

And all of this with different packaging possibilities: in PET, Glass or in Bag-in-box, among other formats.

That is why JuiceTech Solutions is the best option both if you are **importers - exporters of fruit** or if you are **a small producer**. Perfect for **supermarket chains, hotels, catering, juice bars or organic produce shops.**



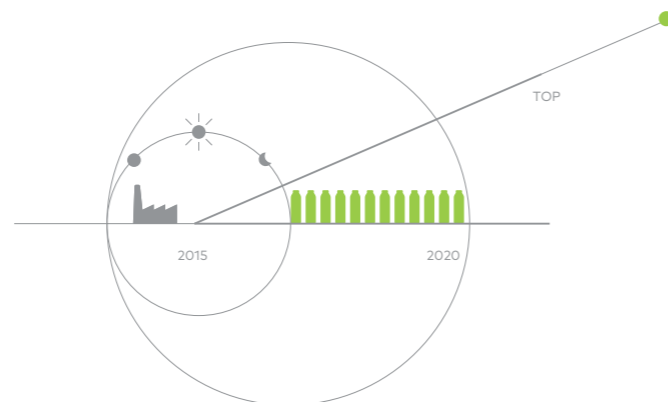
### OUR RESULT



## OBJECTIVE: JUICE BUSINESS

**Our products are designed to obtain a fast return on investment.**

We offer machines that require very little space, with just 18 m2 and **two people** to operate them, they can easily produce many different blends of flavours and possibilities.



## JUICETECH CITRUS Z450

### IT CAN EXTRACT JUICE FROM ALL CITRUS FRUITS

Citrus Z450 is a robust and reliable machine for extracting juice from oranges, tangerines, grapefruit, limes, lemons and pomegranates thanks to the Z450P Pomegranate version.



#### A CONTROL PANEL

- Stop and start of all elements.
- Elevator **speed regulator** and juice extraction speed regulator.
- Emergency stop.
- Cleaning mode.
- Presence sensor** and status pilot lights.



#### B JUICE EXTRACTION UNIT

- High performance and low essential oil content.**
- Rotary filter** that eliminates the pulp and pips continuously, depositing them in a stainless steel drawer.
- Easy to remove and clean.**



#### C ELEVATOR

- 40 kg** capacity hopper.
- Stainless steel** bucket elevator.
- Variable feed speed.

### MAIN FEATURES



IT SQUEEZES ALL TYPES OF CITRUS FRUIT



VERSION FOR POMEGRANATE, TOO



3 JUICE EXTRACTION UNITS



FRUIT WITH DIAMETER OF BETWEEN 55 - 100 MM



AVERAGE PRODUCTION 450 L/H - 900 L/H



CONTROL PANEL



SPEED REGULATOR TO OPTIMISE LOAD



BUCKET ELEVATOR



MANUFACTURED ENTIRELY IN STAINLESS STEEL



EASY TO INSTALL AND CLEAN

JUICETECH  
**MULTIFRUIT** ZMF400

CONTINUOUS  
 BELT PRESS

Combining the crushing, pulp removal and pressing units, we configure the best solution for extracting juice from a large variety of fruit and vegetables, providing solutions for the new business trends in the multi-fruit juice sector.



*Mastery*  
 Cold Press new Generation

FRUIT AND VEGETABLE  
 COLD PRESS

Hydraulic press that combines power, precision, technology and functional design. The perfect machine to create all different flavours of Cold Press juices and convert your business into a Juice Bar.

MASTERY CAN COPE WITH EVERYTHING



Soft fruit



Hard fruit



Green-leafed plants



Mix



Ⓐ CONTROL PANEL

- Start and stop of all elements.
- Elevator **speed regulator**.
- Emergency stop.
- Cleaning mode.
- Presence sensor** and status pilot lights.



Ⓑ ZBP400 BAND PRESS

- Made of stainless steel.
- Obtains its best performance at low speed, with tension adjustment for **optimal performance**.
- Integrated continuous mode **easy-to-clean band**.
- With wire-pull **emergency stop** and CE conformity.



Ⓒ ELEVATOR AND CRUSHER

- Adjust the feed speed and rinse the fruit** automatically.
- Perforated modular **rigid band**.
- Crushing of all types of fruit** with or without stone, thanks to its different blades.



Ⓐ FEEDER AND CRUSHER

- Short folding hopper with built-in pusher** to be able to work speedily, safely and hygienically.
- High hardness **shredder discs**.
- Brushless motor** that provides the highest torque at any speed, adapting its capacity to the different types of fruit and vegetables.



Ⓑ PRESS AND JUICE TANK

- Stainless steel **press** and **11-ton** force.
- High juice production capacity**, up to 30 gall/h | 110 l/h.
- 3 gall / 11l juice **collection tank** that filters and preserves the juice in optimal conditions.



Ⓒ CONTROL PANEL AND PROGRAMS

- Real-time control** of crushing and pressing speed and times from operation area.
- Manual or semi-automatic operation** with different preset programs as well as other customisable ones.
- Safety**: pusher presence sensors with automatic stop, overload protection and emergency button.

MAIN FEATURES



ALL TYPES OF FRUIT AND VEGETABLES



LOW-SPEED PRESSING



BEST QUALITY JUICE WITH MAXIMUM PERFORMANCE



PULP INPUT AND OUTPUT ADJUSTMENT



PRESSING BAND TENSION AND SPEED CONTROL



PRESSING BAND SPEED: 2.2 M/|MIN - 7.2 FT/|MIN



AVERAGE PRODUCTION 400 KG/H - 2000 KG/H



CONTINUOUS PRESSING BAND CLEANING

MAIN FEATURES



PUSHER WITH FORCE MULTIPLIER LEVER



BRUSHLESS MOTOR



PRODUCTION UP TO 30 GALL/H | 110 L/H



11 TONS OF TOTAL POWER | 185 BAR (2610 PSI)



3 GALL | 11 L JUICE TANK CAPACITY



COMPACT DESIGN AND EASY TO CLEAN



CONTROL PANEL WITH 4.3" COLOUR TOUCH SCREEN



MADE OF AISI 304 STAINLESS STEEL



IPX4 PROTECTION



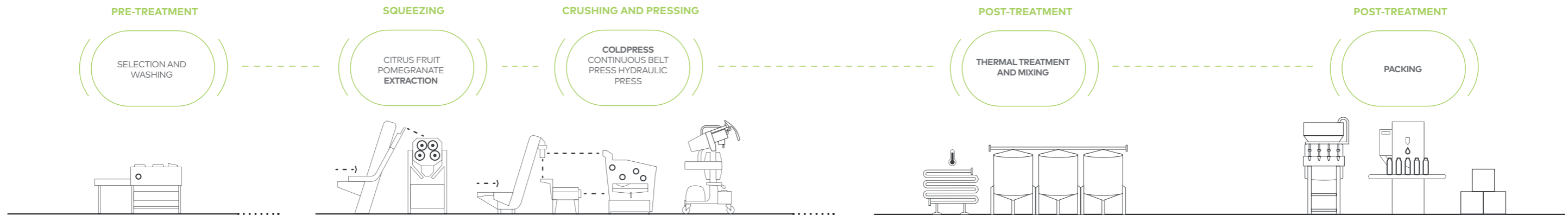
CE, EMC, CB, KSA, NSF, QSGS CERTIFICATIONS



# JUICETECH MODULAR SOLUTIONS

JuiceTech modular solutions complete the juice preparation process.

**INOX** **Note:** All the elements are made of stainless steel with the Zumex guarantee.



Based on our pressing or extraction units you can configure your installation so that it adapts better to your business requirements, with our equipment and solutions for before and after juice extraction:

- Loading, washing, selection and calibration of raw material.
- Pasteurising.
- Bottling.

## PRE-TREATMENT

Receive and prepare the fruit for processing.



### RECEIVING, SELECTION, WASHING AND CALIBRATION

- Selection.** Selection table to process only fruit in the best conditions.
- Washing.** By means of a brush system, it eliminates remains of soil that the fruit might contain, preparing it for processing.
- Calibration.** Establish a calibre for the fruit and only process the optimal pieces for the machine.

## SQUEEZING, CRUSHING AND PRESSING

Customise your own juice processing type.

### EXTRACTION

With Citrus Z450 you can extract juice from all types of citrus fruits.



### Z450P

Special juice extraction unit for pomegranate.

### COLD PRESS

With Multifruit ZMF4000 and Mastery, add a continuous belt system or hydraulic press to your installation.



### PULPER

To separate the stones from the pulp of stone fruit such as peaches, plums or cherries. Pump to transfer pulp to the belt press.

## POST-TREATMENT

Complete thermal treatment and pasteurising systems.

### THERMAL TREATMENT AND COOLING SYSTEMS

Discover our pasteurising solutions for preservation, bacteria elimination and food safety.



### FLASH PASTEURISER ZF1000

It pasteurises the juice at a minimum temperature to preserve all the flavour and natural organoleptic properties.

\* Optional cold stage.



### MIXING SYSTEMS

Product mixing and homogenisation systems to obtain multifruit recipes.

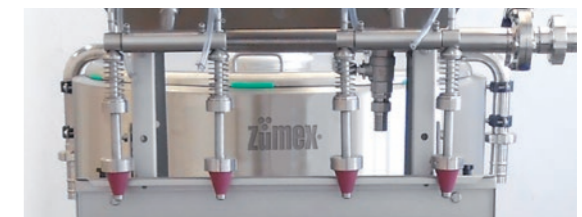
### PACKING

Discover all the juice packing possibilities for protection, storage and sale.



### BOTTLING MACHINES

Automatic bottling lines for medium-sized productions that require precision filling.



### MANUAL PACKERS

Manual Bag in Box packers, for bottles or mix, for all types of capacities, up to 700 L/H.



# JuiceTech Pro

## BESPOKE ENGINEERING

If what you need is a customised project, we have the keys to design and manufacture equipment and installations that adapt to your needs.

We are specialists in the food processing industry with extensive experience in the design of equipment for processing fruit and vegetables, and for preparing juices, dairy products and by-products.

At JuiceTech Pro we support you throughout the entire process, from the initial idea to the achievement and start-up of the project.  
**Shall we get started?**



"The impulse  
your business  
needs".

### PROJECTS CARRIED OUT

#### POST-HARVEST LINES

CITRUS FRUIT  
PINEAPPLE  
PASSION FRUIT  
POTATOE  
ONION  
CARROT  
TOMATO

#### POMEGRANATE JUICE

WASHING  
SIZER  
EXTRACTION  
FINISHING (FINISHER)

#### PACKAGING LINES, IN BOTTLE, THERMOSEALED BAG, ASEPTIC DRUMS

#### FRUIT PULP LINE

#### ENZYMATIC STABILISATION

#### PREPARATION OF SYRUPS AND BLENDS. PRODUCT FORMULATION

#### JUICES

EXTRACTION LINES:  
CITRUS AND TROPICAL FRUIT  
ESSENTIAL OIL RECOVERY  
WASHING  
FLASH PASTEURIZING  
MIXING  
BOTTLING LINES WITH STOPPER PLACEMENT AND LABELLING



### VALLE SACTA CITRUS FRUIT AND TROPICAL FRUIT JUICE EXTRACTION LINE

LÁCTEOSBOL | BOLIVIA

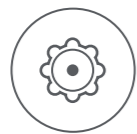
#### PROJECT

Design and manufacture of a **juice and nectar extraction line**, **formulation** and **packing plant**, as well as a **peel drying plant** for this company, leaders in their country in the production and marketing of milk, dairy products, fruit juices and frozen fruit.

### TYPES OF INSTALLATIONS



**Post-harvest:**  
unload, sorting,  
washing and sizer



**Processing**  
citrus and  
tropical fruit



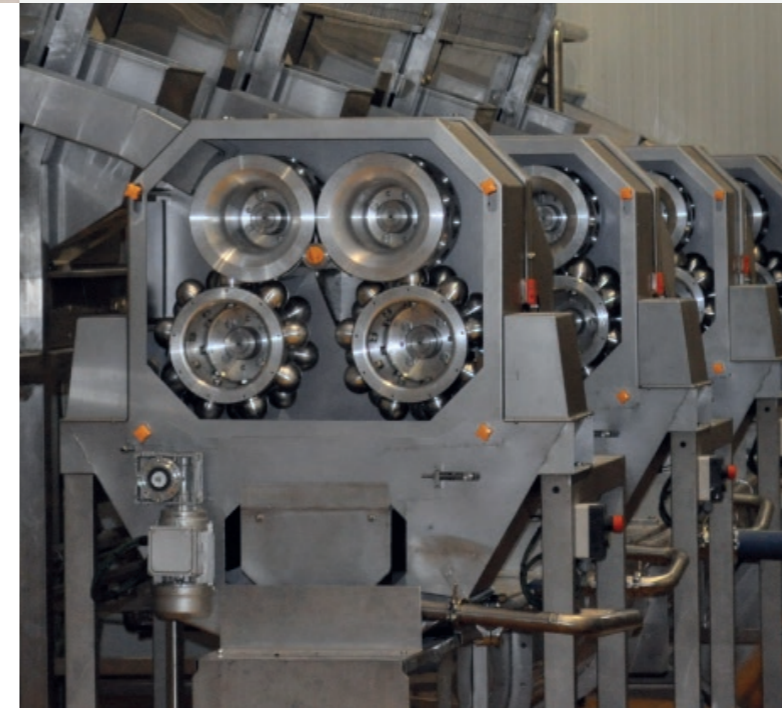
**Pasteurising**  
and **cooling**  
treatments



**Mix preparation systems.**  
**Product** formulation



**Juice filling**  
and **packing**



### POMEGRANATE JUICE EXTRACTION LINE

SPAIN

#### PROJECT

Complete **pomegranate juice extraction line**, **post-harvest line with fruit selection**, **washing and calibration**. Juice control and finisher for company engaged in the extraction of pomegranate active principles and the manufacture of food concentrates from this fruit for the food, cosmetics and pharmacy sectors.



**Zumex Group, S.A. Headquarters**

Polígono Ind. Moncada III  
C/ Moli, 2 46113 Moncada, Valencia, Spain  
Tel. +34 961 301 251 Fax.+34 961 301 255  
zumex@zumex.com

**Zumex USA Inc. USA & Canada**

1573 NW 82nd Ave, Miami, FL 33126 USA  
Tel. +1 305 591 0061 Fax. +1 305 591 0062  
Technical Assistance:  
1-877-ZUMEX-TA (+1 877 986 3982)  
zumexusa@zumex.com

**Zumex México**

Uxmal 616, Colonia Vértiz Narvarte  
Delegación Benito Juárez  
CP 03600 Ciudad de México, México  
Tel. +52 (55) 5212-0619  
zumexmexico@zumex.com

**Zumex UK**

3 More London Riverside  
SE1 2RE London, United Kingdom  
Tel: +44 20 3519 1292  
zumexuk@zumex.com

**Zumex France**

45 rue de Villeneuve  
94573 Rungis Cedex, Paris, France  
Tel: +33 975 187 354  
zumexfrance@zumex.com

Discover the Zumex industrial  
division on our website

[www.zumexfoodengineering.com](http://www.zumexfoodengineering.com)