

Quality is a philosophy of ethics



Factory

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expert team. its corporate structure.

principles.

Best wishes...

www.mekatronikmakina.com.tr





Mekatronik Makina takes excitement and pride in sharing its knowledge and experience for long years with the dear customers.

Since the day of establishment, producing food process machines mainly for dried fruit, Mekatronik Makina has been getting new achievements every passing day by means of its

It has become the one and only company in quality and reliability as it does not compromise on quality in every stage of the production, and follows the innovations in the sector closely, and can provide rapid solutions for the requirements of the customers, and has been proceeding both national and international operations without cease by means of

In spite of the fact that it is a medium-sized enterprise, it has been recognized by sector of food machines in a short time and has not given up its principles from the beginning of the establishment year through the importance attached by it on quality and the determination to succeed.

Quality, service, delivery on time and convenient price are always among its unaltered

Working with the principle of "The warranty of success and sustainability in production is honesty and quality in the service", Mekatronik Makina thanks for your close interest and support and will be proceeding to serve today and in the future.

mekatronik

# CONTENTS

8- Box Closing Table

9- Roller Table

CONTENTS	mekatronik	
DRIED GRAPE WASHING AND PACKA	AGING LINE	
1- Case Overturning Machine		
<b>2-</b> Anchor Dosing Bunker		
<b>3</b> - Feeding Conveyor		
4- Vertical Flathead Breaking Mac	hine	
5- Aspired Shaker		
<b>6-</b> Juicy Product Transfer Pump		
7- Stone And Sand Separating Case	cade	
8- Water-Throwing Shaker		
9- Feeding Spiral		
<b>10-</b> Petiole Breaker		
11- Dust-Throwing Shaker		
12- Illuminated Selection Conveyor		
13- Box Filling Scale		
14- Box Closing Table		
15- Roller Table		
16- Balanced Product Feeding Dosa	age	
17- Manual Box Filling Bunker		
18- Layout Of Dried Grape Washing	g And Packaging Line	
DATE WASHING AND CLEANING LINI	E	
1- Aspired Shaker		
<ol> <li>Illuminated Selection Conveyor</li> </ol>		
<ol> <li>Feeding Conveyor</li> </ol>		
<b>4</b> - Tub		
5- Water-Throwing Shaker With Fa	an	
6- Seed Removing Machine		
7- Box Filling Scale		

# **CONTEN1**

#### FIG WASHING

01 - 02

03 - 04

05 - 06

09 - 10

07

08

11

12

13

14

15

16

17

18

19

20

21

22

29

30 31

32 33

34 35

36

48

49 - 50

51 - 52

23 - 24

25 - 26 27 - 28

- 1- Feeding
- 2- Brush Wa
- 3- Water-Th **4-** Tub
- 5- Case Filli
- 6- Grading
- 7- Fumigati
- 8- Salt Disso
- 9- Multi-Pu
- 10- Layout O

#### THYME PROCE

- 1- Cyclone
- 2- Dust-thro
- 3- Dust Filte

10- Layout Of Date Washing And Cleaning Line	37 - 38
APRICOT WASHING AND GRADING LINE	39 - 40
1- Sack Lifting Crane	41
2- Feeding Conveyor	42
3- Watery Flathead Block Opening Conveyor	43
4- Brush Washing Machine	44
5- Z Type Modular Conveyor	45
<b>6-</b> Tub	46
7- Water-Throwing Shaker	47

- 8- Grading Shaker 9- Cooling Tunnel
- 10- Layout of Apricot Washing And Grading Line

rs mekatronik		
AND GRADING LINE	53 - 54	
Conveyor	55	
ashing Machine	56	
hrowing Shaker	57	
	58	
ng Table	59	
Shaker	60	
on Chamber	61 - 62	
olving Tank	63	
rpose Liquid Tank	64	
of Dried Fig Washing And Grading Line	65 - 66	
ESSING LINE	67	
	68	
owing shaker	69	
er	70	
	70	





#### **DRIED GRAPE**

# **AND PACKAGING LINE**

Capability of processing products from a minimum of 1 ton to a maximum of 10 tones per hour.

> Possibility of special production in different shapes and sizes depending on usage place and purpose...

Ability to process all kinds of grapes grown in Iran-Uzbekistan-Afghanistan-Tajikistan-Kyrgyzstan and Turkey

## **CASE OVERTURNING** MACHINE



The case overturning machine ensures that the product contained in the basins having standard dimensions is poured into the dosing hopper at the next stage.





#### **CASE OVERTURNING** MACHINE mekatronil 4110 00000000000000000 00808080800 000 1600 1900 1922 2407 **TECHNICAL SPECIFICATIONS** Height : 4110 mm : 2407 mm : 1922 mm Standard Case Dimensions : 1195x1005x725 mm : 600 Kg Max. load capacity : 3 Ton Capacity per hour : Hydraulic Movement : 304-stainless Used material : Hydraulic grease numbered 68 Grease volume : 90Lt :11Kw/h **Engine power** : 180 Bar **Operation pressure** Min. Operation temperature : 0 °C Max. Operation temperature: 40 °C

Width Length Used grease



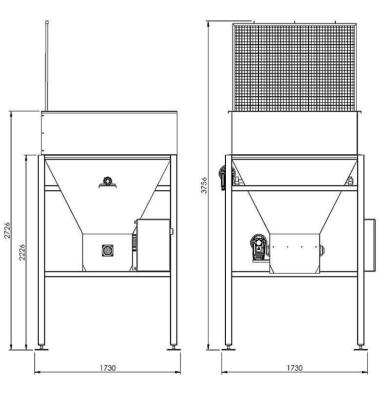
Front covers that prevent accident risk by disabling the system when it is opened...





#### **TECHNICAL SPECIFICATIONS**

- Height Width Length Standard Case Dimensions Max. load capacity Capacity per hour Movement **Engine power Used material**
- : 3756 mm :1730 mm :1730 mm :1195x1005x725 mm :500 Kg : 3 Tons : Gearmotor : 3 Kw/h
- : 304-stainless



Ergonomic platform designed in accordance with the stair standards from stainless material...

It can be specially produced in different shapes and sizes depending on usage place and purpose!!!



## **VERTICAL FLATHEAD BREAKING MACHINE**



Vertical flathead breaking machine will be your greatest helper in breaking blocks into molded pieces of your products...

> Stylish and dynamic design from all stainless material...

Ease of mounting on aspired shaker according to the desired situation...

Easy to wash and clean...



Powerful engine options make it easy to get the desired output...

Thanks to the anchors, master craftsmen of the flathead crushing process, even the most stubborn blocks will be separated into grains...

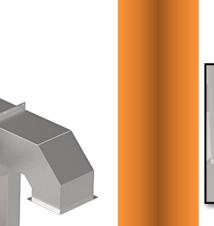
Rigidity will no longer be a problem with adjustable feet designed to prevent any kind of jolts.

#### **ASPIRED SHAKER**



Aspired shaker has become the favourite of many company as sifting the objects such as stones, soils, etc. in the fallen products to the screen part, and as enabling of aspirating and disposing unwanted objects such as light leaf, stem, trash etc.

> All stainless body, durable oscillation elements, strong vibration and 100% result...



Width x Lenght
Α
750
1000
1200
1500

It is up to you to add more value to your products and your operation with highly durable and stainless screens which can be manufactured specially according to each product group...

### **ASPIRED SHAKER**



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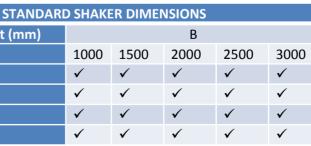


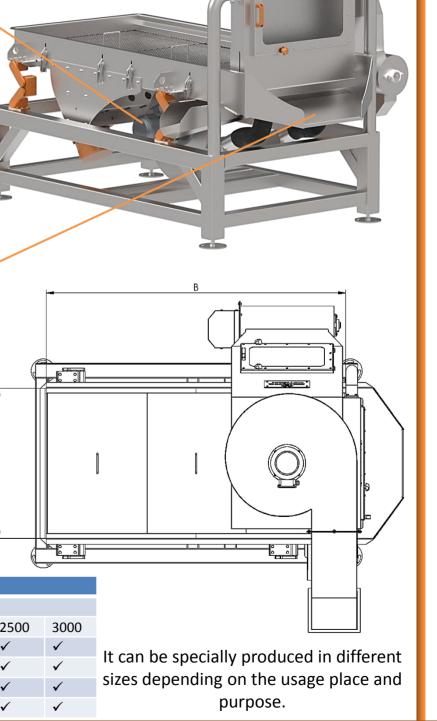
Unlike standard aspired shaker, it provides faster transmission of dust into the aspirator thanks to the blowing capability that is included later...



Capability of grading and distinguishing foreign matter from the products like grape-bean-chickpealunar kernel - pumpkin core...

Even the most stubborn trashes hidden amongst the product gave up to resist against to bottom blown aspired shaker. It's competitor's turn.





### JUICY PRODUCT TRANSFER PUMP



Juicy product transfer pump provides washing the product falling into the inside with the help of the pressurized water...

The washed product reaches the cascade through the wide channels through the snail pump...

All stainless material...

Comfortable handling, easy cleaning...

Thanks to the powerful pump and engine, all the features you are looking for now are very close to you...

Juicy product transfer pump is specially designed to remove dust, dirt and etc. from your product...

# STONE AND SAND SEPARATING CASCADE



At the end of the work, pull down the waterfall lever and pass all the dirt in water outlet.

We also build a waste water tank so that the coarse dusts do not get clogged.



While our products that will fall with water on the cascade will be purified from the materials such as stone, sand, gravel etc., you will not have to do anything but watch...

All stainless material...

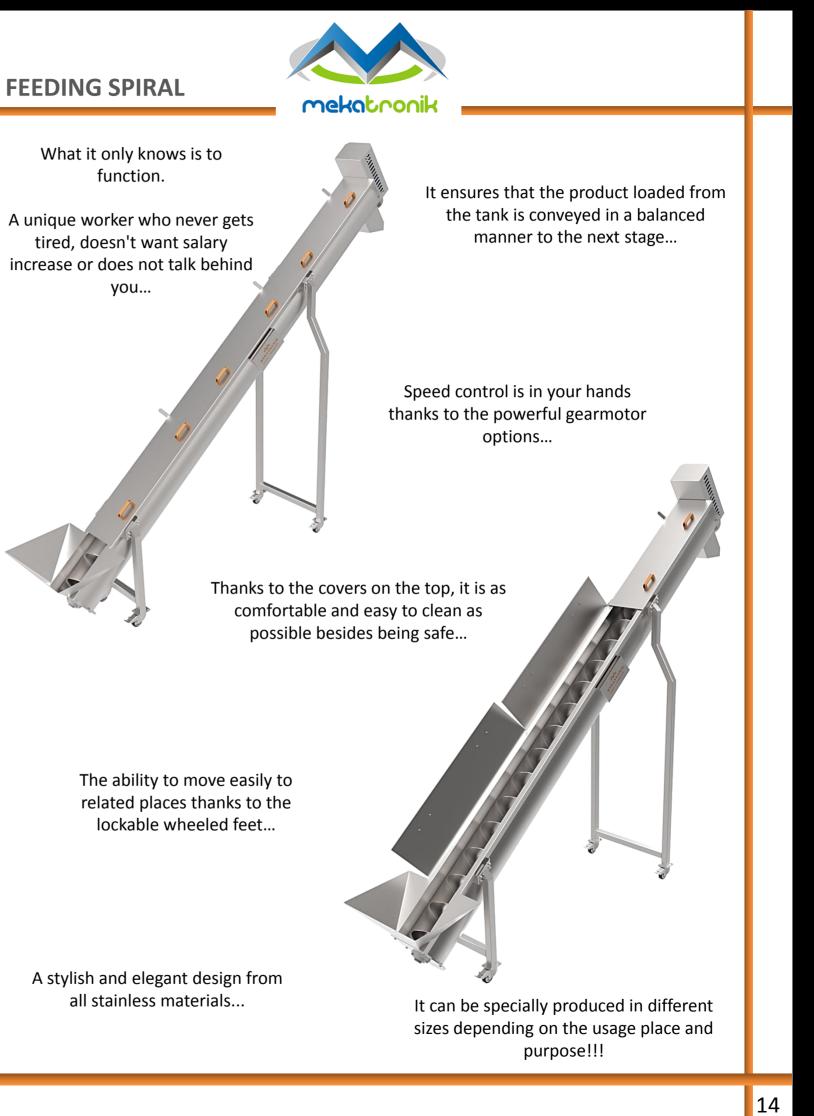
Comfortable handling, easy cleaning...

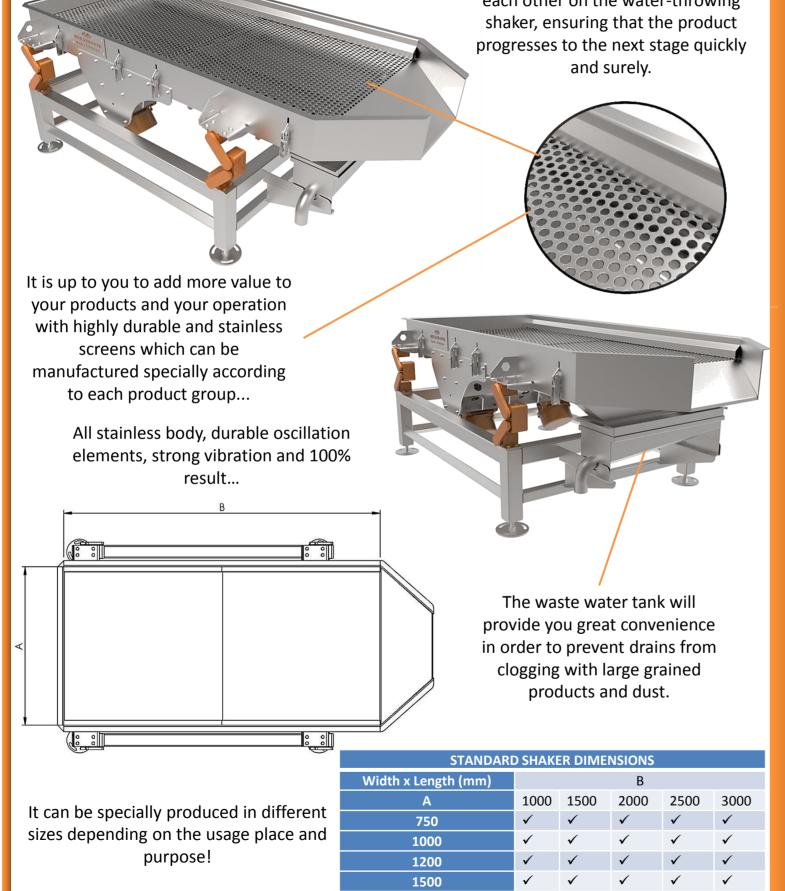
Rigidity will no longer be a problem with adjustable feet designed to prevent any kind of jolts.





The mixture of water and product coming in intensely is separated from each other on the water-throwing shaker, ensuring that the product progresses to the next stage quickly





#### **PETIOLE BREAKER**





Petiole: Small woody stem more than 3 mm in length connecting the grape to the twig of bunch.

It cuts off the stems of the product from the top thanks to the ax knives located inside which is a difficult process for many workmen, but petiole breaker carries out it smoothly by its own.

The ability to carry out the process of removing water from wet products at the same time...

All stainless material...

Rigidity will no longer be a problem with adjustable feet designed to prevent any kind of jolts.

Comfortable handling and easy cleaning thanks to the covers on the top and bottom sides...



## **DUST-THROWING** SHAKER



All stainless body, elements, strong result...



It can be sp produced in sizes dependi usage place ar





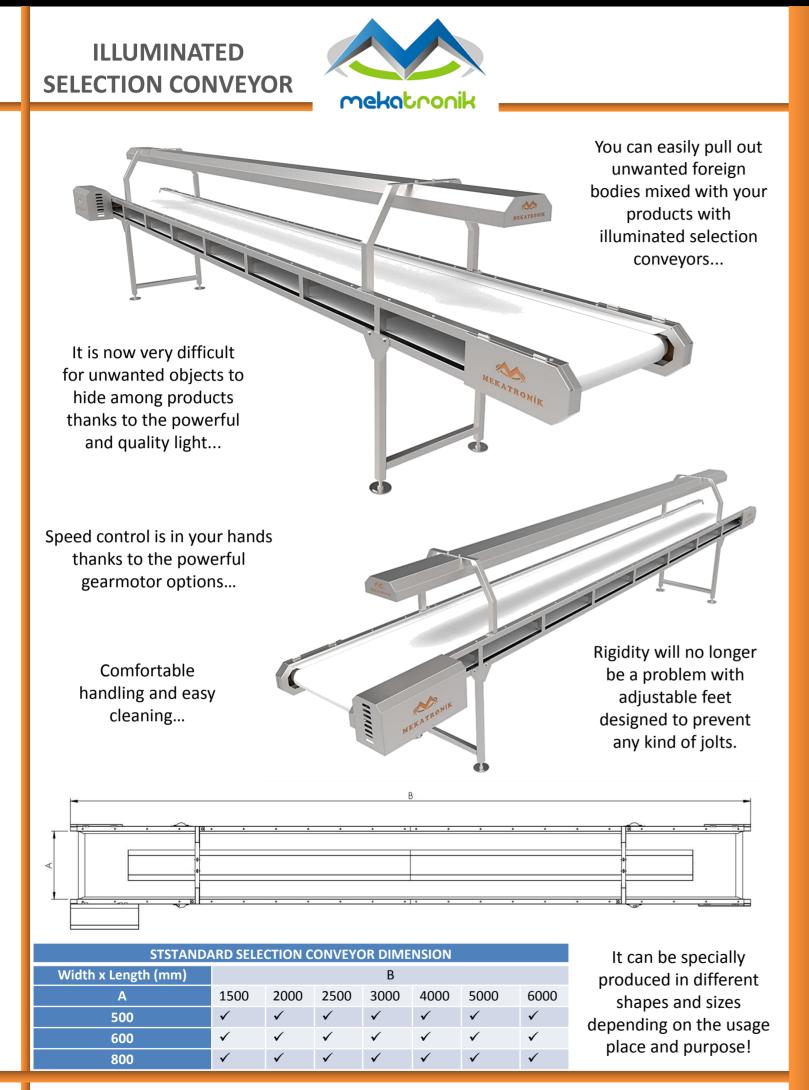
Thanks to the double deck screen system, it offers you a great help in separating the coarse dust coming with the product...

durable oscillation vibration and 100%

It is up to you to add more value to your products and your operation with highly durable and stainless screens which can be manufactured specially according to each product group...

Get rid of both coarse and small dust in single use...

	STANDARD SHAKER AND FLATHEAD SIEVE DIMENSIONS							
specially	Width x Length (mm)			В			(	2
n different	А	1000	1500	2000	2500	3000	1000	1500
ding on the	750	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
ind purpose!	1000	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
	1200	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
	1500	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$





Comfortable handling and easy cleaning...









### **BALANCED PRODUCT** FEEDING DOSAGE





A stylish and elegant design from all stainless materials...

> Comfortable handling and easy cleaning...

> > It can be specially produced in different sizes depending on the usage place and purpose!!!

Balanced product feeding dosage ensures that the manually discharged products are delivered in a balanced manner to the next stage.

Thanks to the anchors inside, it also helps to separate your products into grains...

> A large bunker tank that contains a major part of your products...



# **MANUEL BOX FILLING BUNKER**



A stylish and elegant design from all stainless materials...

It can be specially produced in different sizes depending on the usage place and purpose!!!



It offers you the possibility to fill your final products to the empty boxes in a very simple way by pulling the lever on the side.

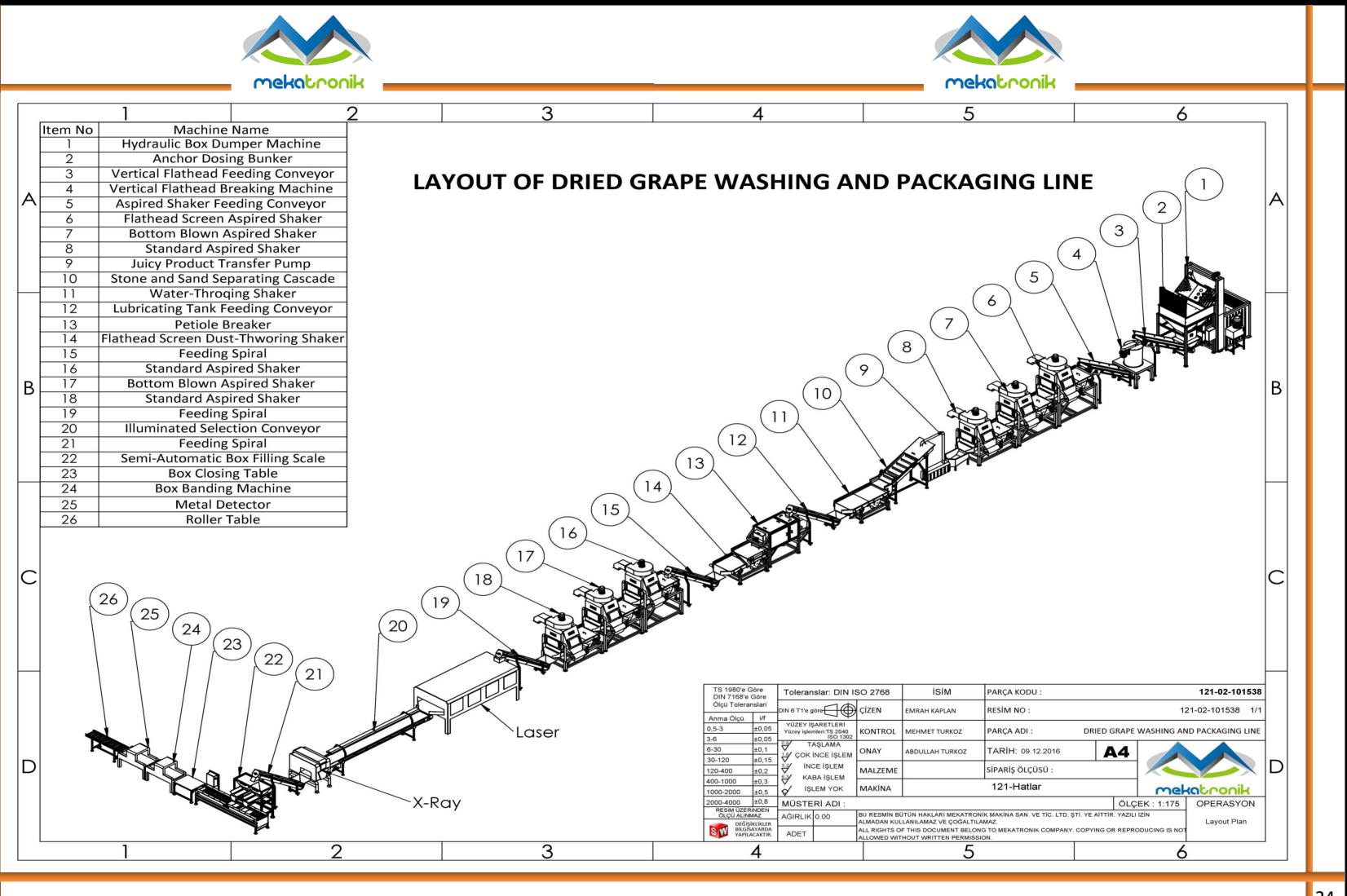
> A large bunker tank that contains a major part of your products...

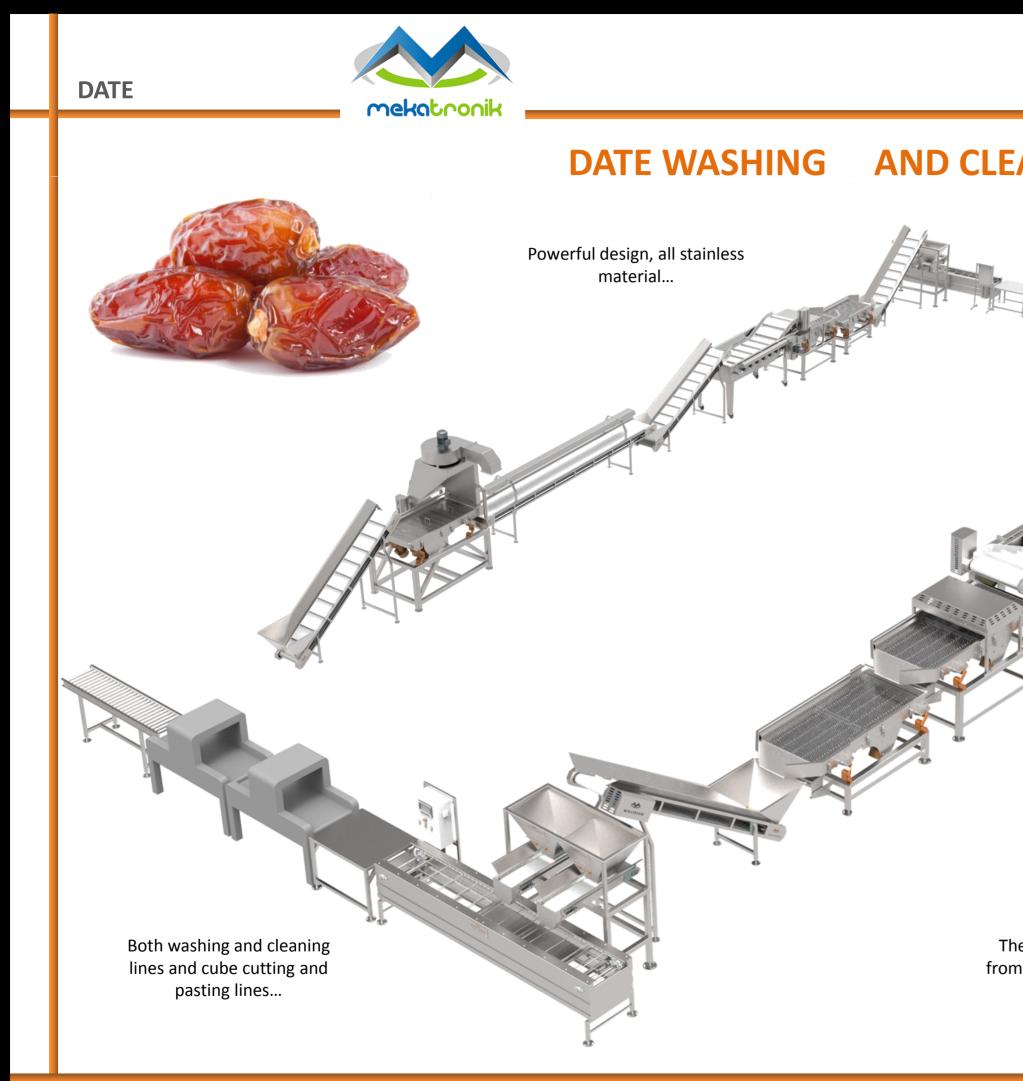
Your work will be quite easy thanks to the convenient use of the product discharge lever...

Comfortable handling and easy cleaning...











DATE

**AND CLEANING LINE** 

It can be specially produced in different shapes and sizes depending on the usage place and purpose!

The only address for quality in service... And security in quality...

The ability of processing products from minimum 1 ton to maximum 10 tons per hour

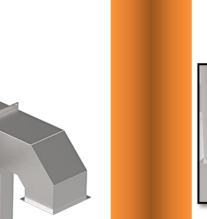


#### **ASPIRED SHAKER**



Aspired shaker has become the favourite of many company as sifting the objects such as stones, soils, etc. in the fallen products to the screen part, and as enabling of aspirating and disposing unwanted objects such as light leaf, stem, trash etc.

> All stainless body, durable oscillation elements, strong vibration and 100% result...



Width x Lenght
А
750
1000
1200
1500

It is up to you to add more value to your products and your operation with highly durable and stainless screens which can be manufactured specially according to each product group...

### **ASPIRED SHAKER**



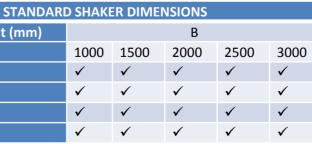


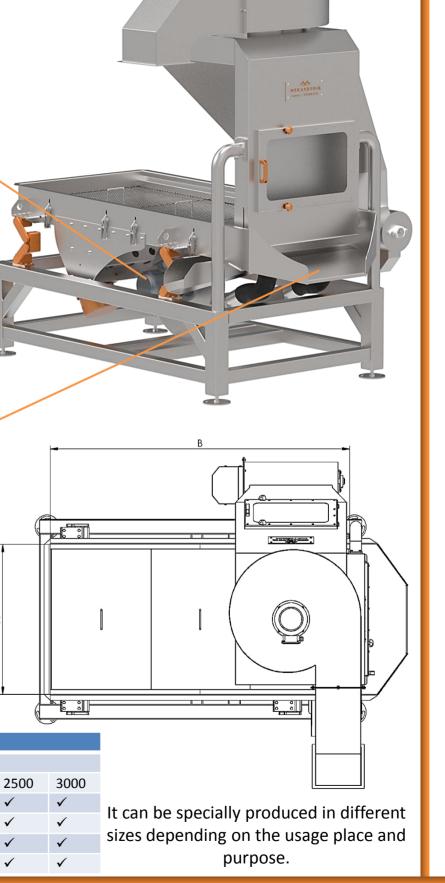
Unlike standard aspired shaker, it provides faster transmission of dust into the aspirator thanks to the blowing capability that is included later...

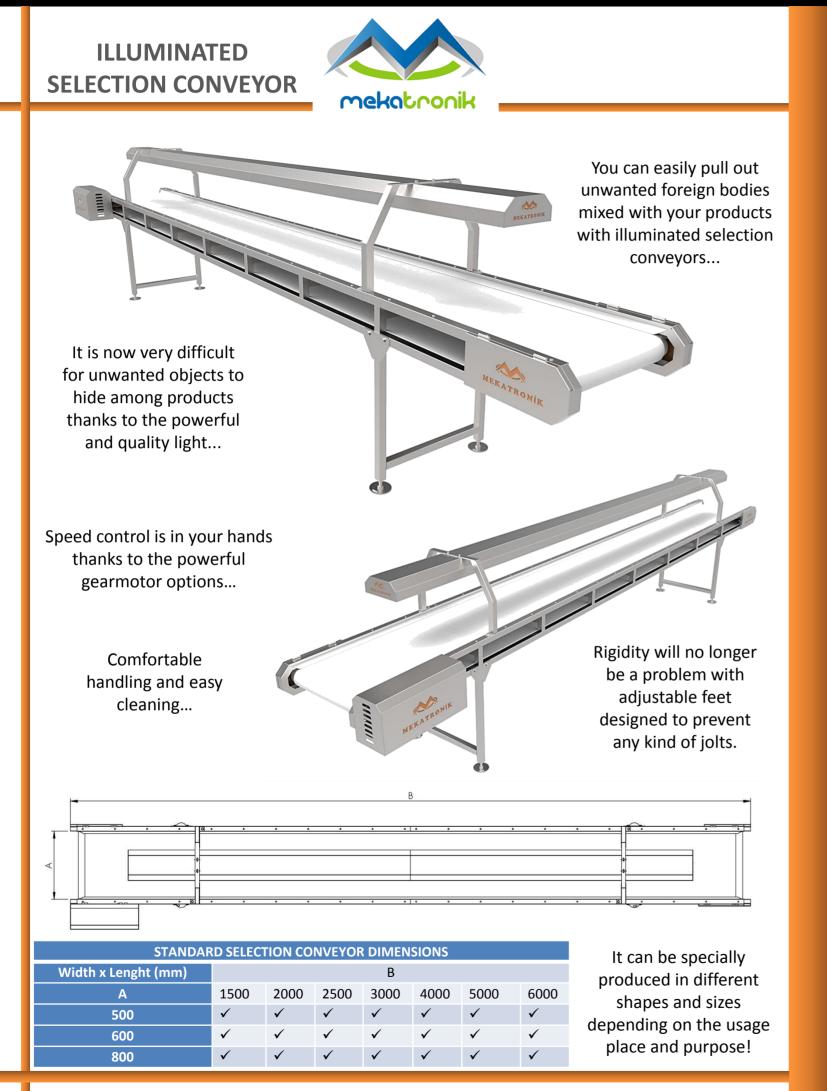


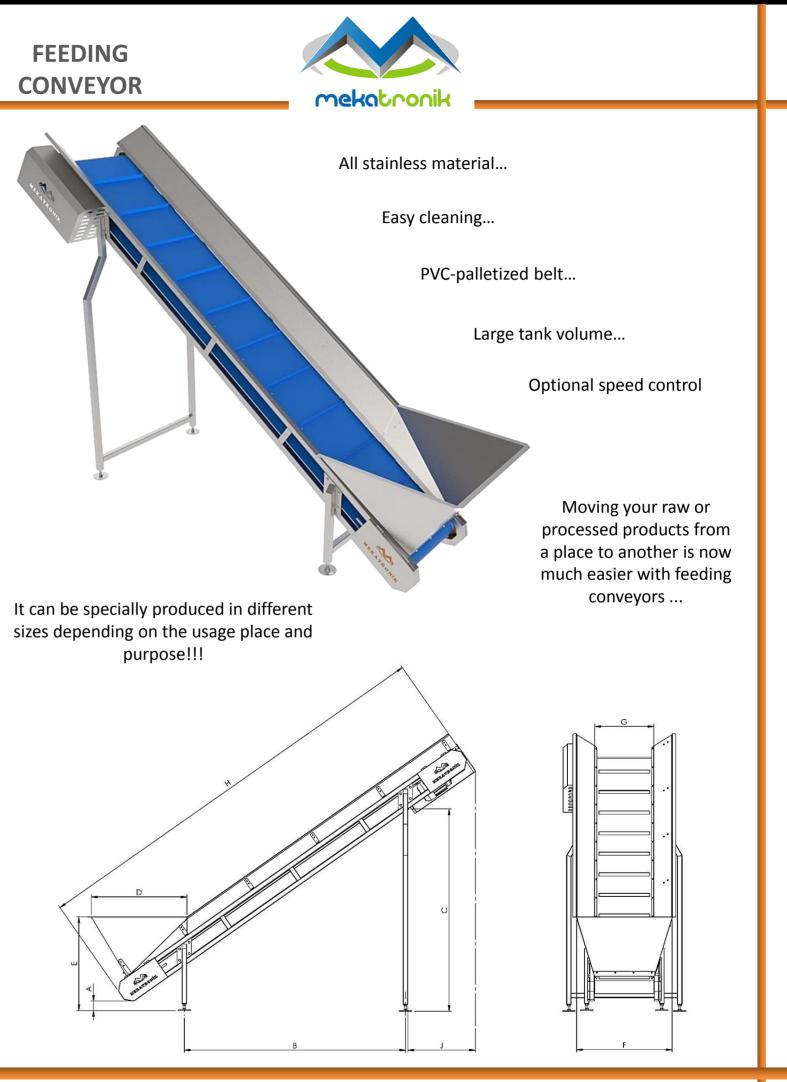
Capability of grading and distinguishing foreign matter from the products like grape-bean-chickpealunar kernel - pumpkin core...

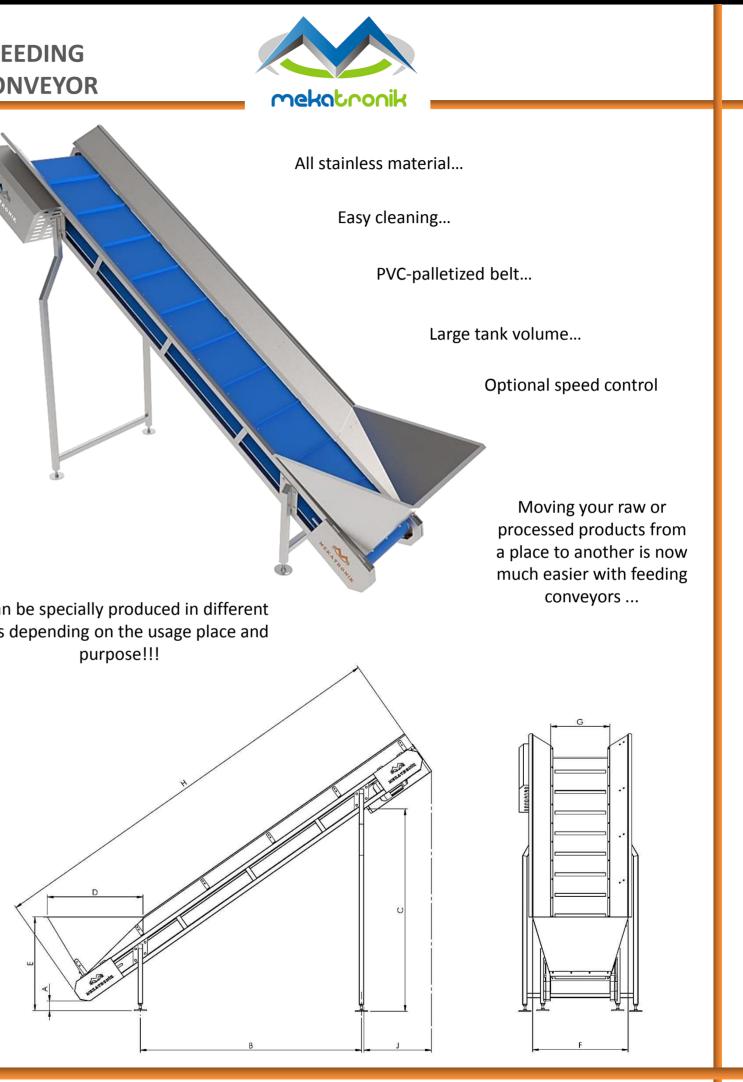
Even the most stubborn trashes hidden amongst the product gave up to resist against to bottom blown aspired shaker. It's competitor's turn.











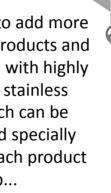


## WATER-THROWING **SHAKER WITH FAN**



The mixture of water and product coming in intensely is separated from each other on the water-throwing shaker, ensuring that the product progresses to the next stage quickly and surely.

000



° ° STANDARD SHAKER DIMENSIONS В

1000	1500	2000	2500	3000
$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$

Thanks to the drying system with fan, wet products are purified from water in a much shorter time.

It can be specially produced in different sizes depending on the usage place and purpose!!!

#### **SEED REMOVING** MACHINE



It enables the seed removing without problems thanks to the specially designed interior blades.

Comfortable handling and easy cleaning...

> The ability to remove the seeds of date and apricot.



## **BOX FILLING SCALE**



Comfortable handling and easy cleaning...



Powerful design, all stainless material and 100% resultguarantee.

> Thanks to the powerful engine and speed control system, it is not that difficult to get the desired efficiency...

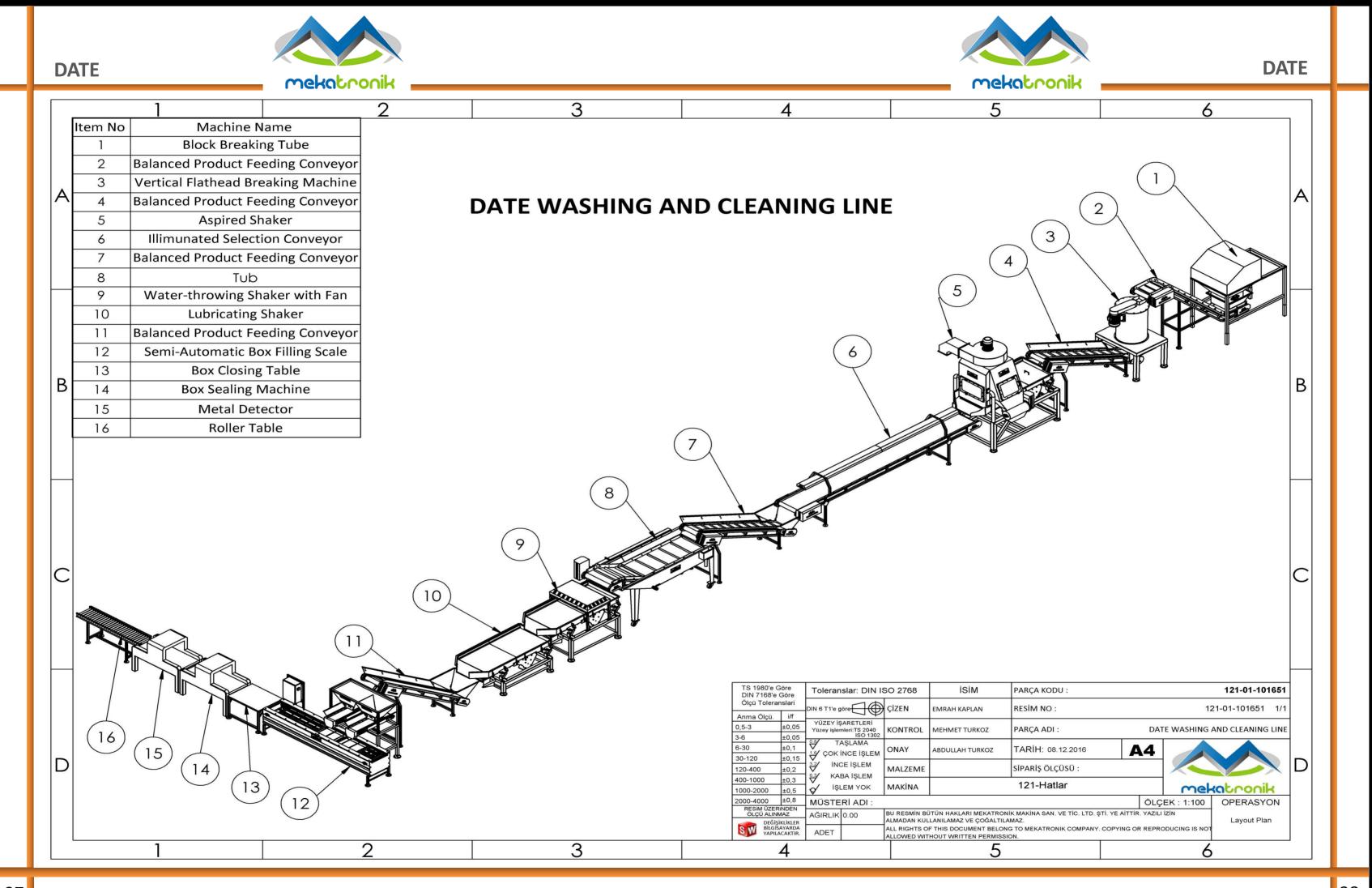
Rigidity will no longer be a problem with adjustable feet designed to prevent any kind of jolts.











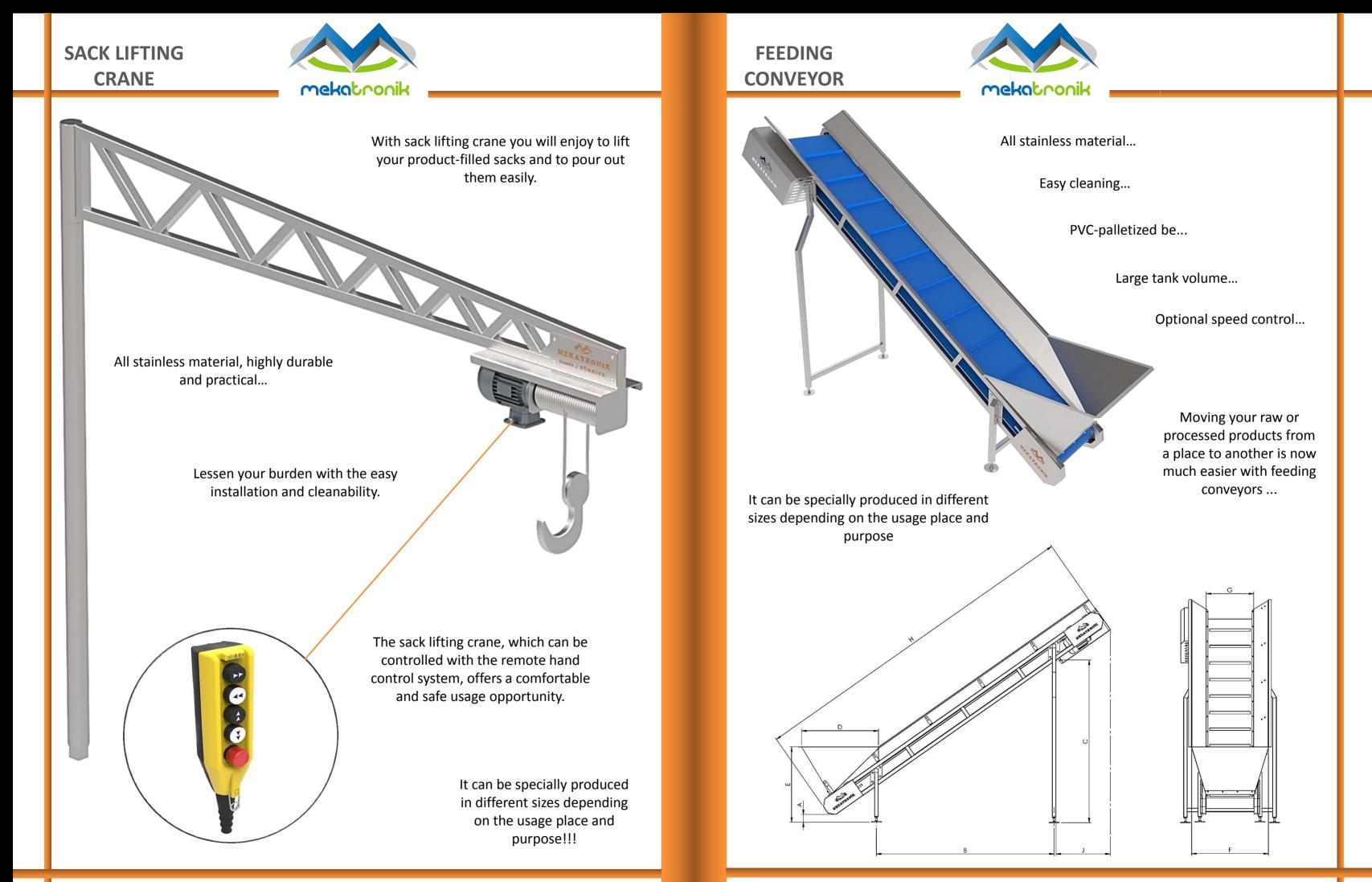




The only address for quality in service... And security in quality...



APRICOT



#### WATERY FLATHEAD BLOCK **OPENING CONVEYOR**

10000000



You will witness how even the most stubborn products, which have been stuck to each other, can be divided into granules with the watery flathead block opening conveyor.

> Thanks to the anchors, master craftsmen of the flathead crushing process, even the most stubborn blocks will be separated into grains...

Elegant and dynamic design from all stainless material.

You can add more value to your products and the operation with modular belts that do not hold water thanks to the holes on the top and are highly durable against high temperature and easy to clean.

# **BRUSH WASHING** MACHINE

Brush washing machine allows to remove black stains on apricot surface and remove them without damaging apricot surface...



It is up to you to add more value to your products and your operation with highly durable and stainless screens which can be manufactured specially according to each product group...







Comfortable handling and easy cleaning...

> Thanks to the specially designed brush system, it is certain that the surface of the cleaned product will be better than you expect...

Maximum safety and 100% result guarantee in dried products such as Apricot – Date – Plum – Cherry etc.

> Powerful design, all stainless materials and reassuring working principle...

Rigidity will no longer be a problem with adjustable feet designed to prevent any kind of jolts.

## Z TYPE MODULAR **CONVEYOR**



Z type modular conveyors come to the assistance of the products which can not be transported with PVC belts to the most difficult and steep place to reach...

You can add more value to your products and the operation with modular belts that do not hold water thanks to the holes on the top and are highly durable against high temperature and easy to clean.

All stainless material...

TUB

#### MODULAR BELT TECHNICAL SPECIFICATIONS

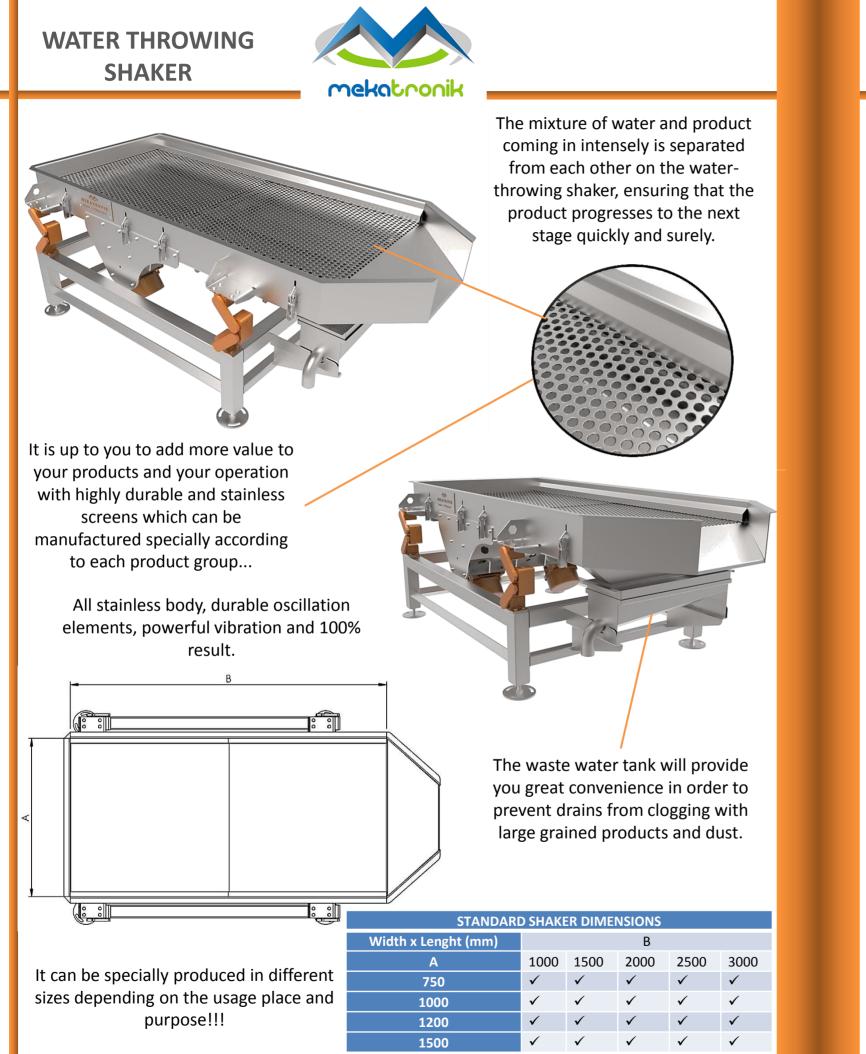
Pitch	50.8 mm	
Belt Surface	Foraminated, Smooth Surface	
Minimum Width	200 mm	
Aperture Rate (%)	%11 (Maximum aperture 1,2x12mm)	
Profile	Yes (T25, T50, T75, T100, T150)	
Side Wall	Yes (h=25 mm, h=50 mm, h=100 mm)	
Pin Diameter	Ø7 mm	
Approval	FDA and EU	
Curve	No	
Colour	Optional	
Cleanability	Perfect	
Belt Thickness	16 mm	

It can be specially produced in different shapes and sizes depending on the usage place and purpose!!!

#### 45



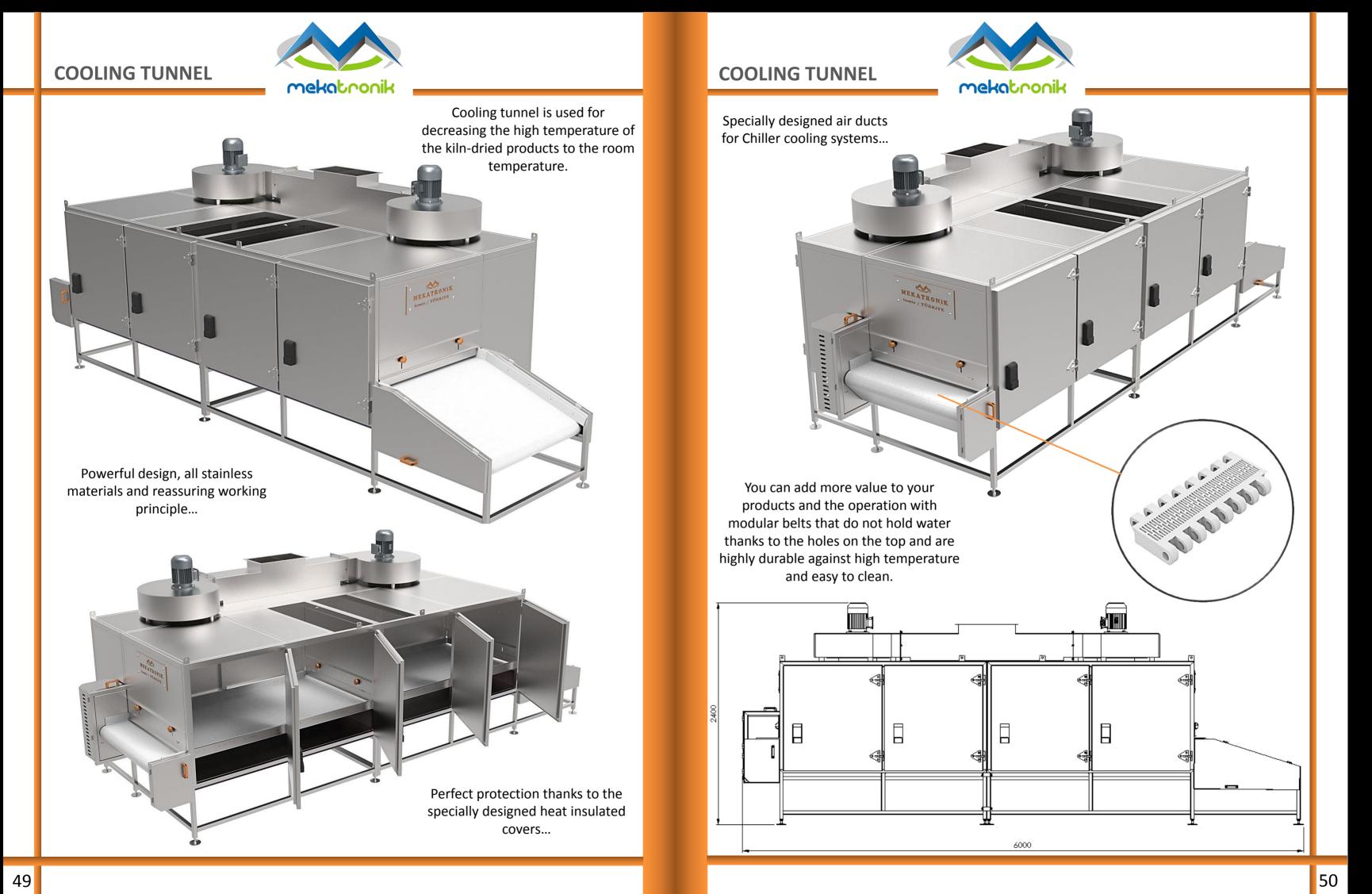






It can be specially produced in different sizes depending on the usage place and purpose!!!

Your work will be easy thanks to the wide necks where products can be picked up in different sizes.

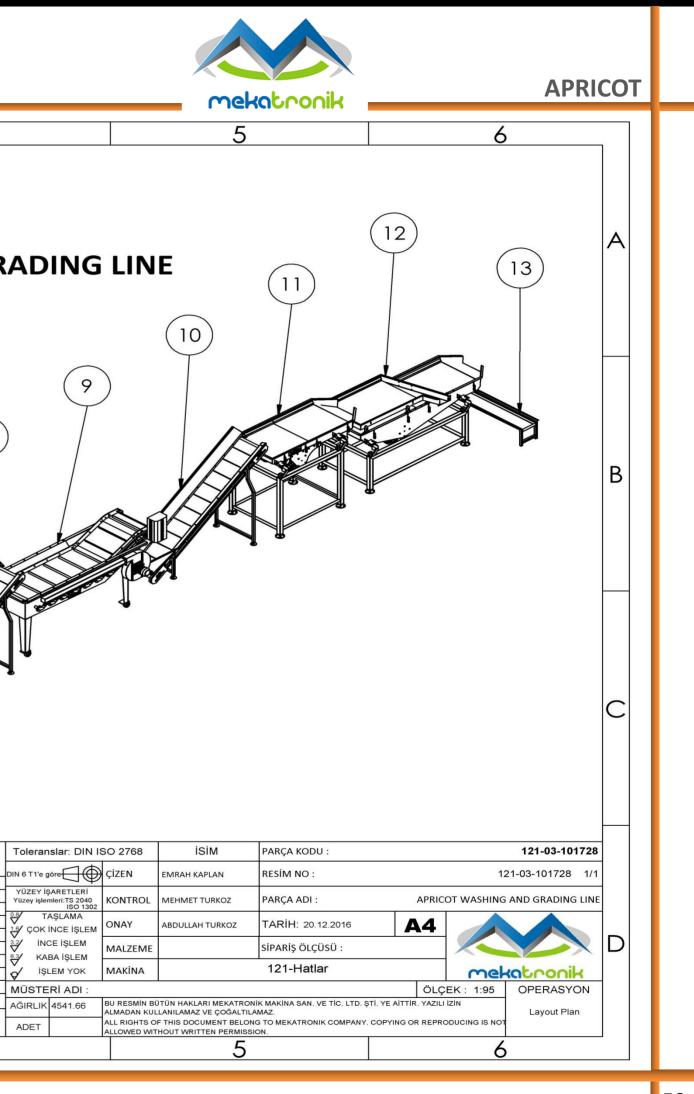




### APRICOT

3 2 4 Machine Name Item No Sack Lifting Crane 1 Balanced Product Feeding Conveyor 2 Watery Flathead Block Opening Conveyor 3 Balanced Product Feeding Conveyor 4 **APRICOT WASHING AND GRADING LINE** 5 Brush Washing Machine Balanced Product Feeding Conveyor 6 7 Brush Washing Machine 8 Balanced Product Feeding Conveyor 9 Tub Balanced Product Feeding Conveyor 10 Water Throwing Shaker 8 11 12 **Grading Shaker** В 13 Case Filling Table 7 6 5 4 3 C 2 TS 1980'e Göre DIN 7168'e Göre Ölçü Toleranslari Anma Ölçü. i/f 0.5-3 ±0.05 ±0,05 ±0,1 30-120 ±0,15 D ±0,2 20-400 ±0,3 00-1000 ±0,5 000-2000 000-4000 ±0,8 RESIM ÜZERINDEN ÖLÇÜ ALINMAZ

2

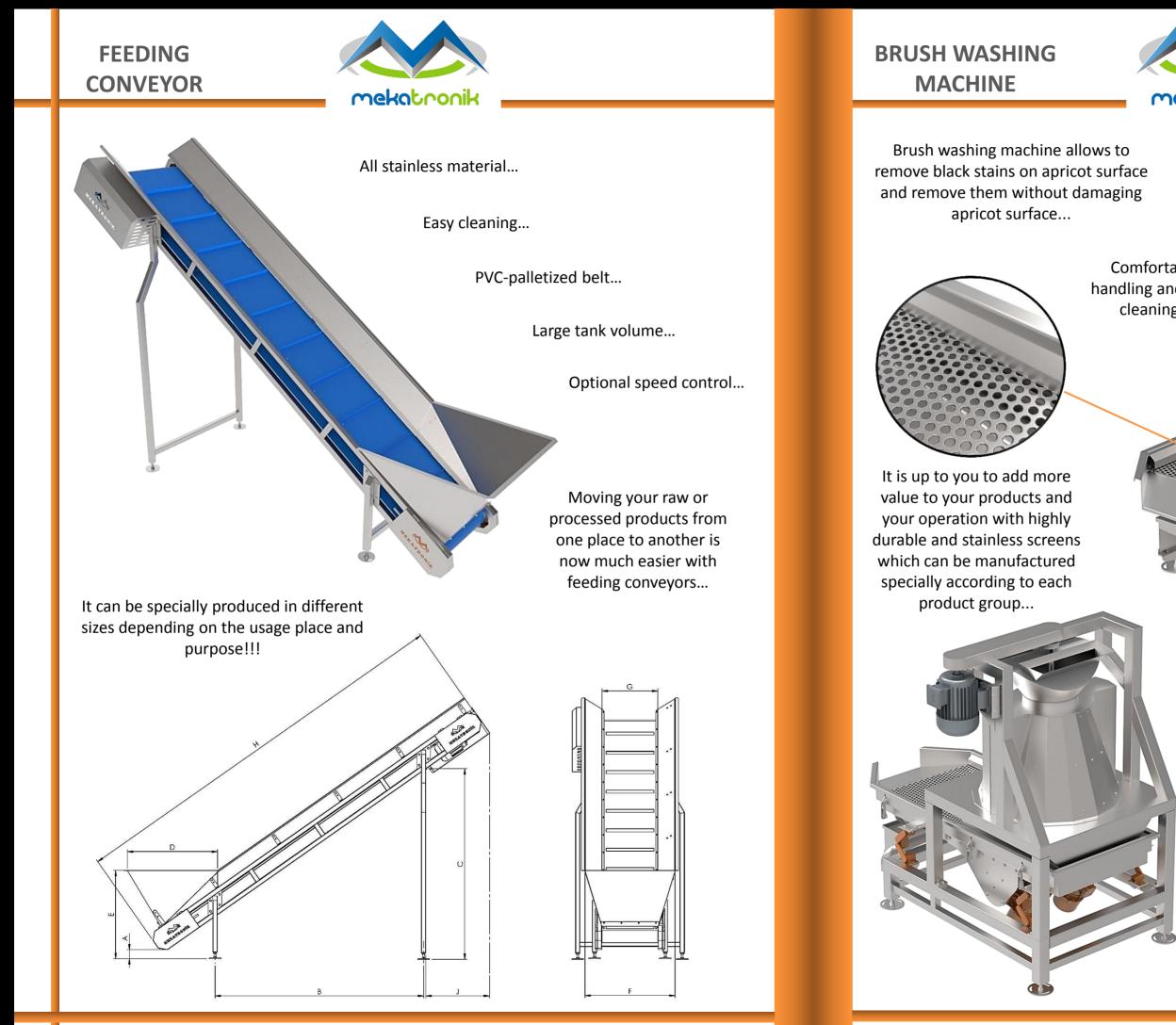


DEĞİŞİKLİKLER BİLGİSAYARDA YAPILACAKTIR

4

3







Comfortable handling and easy cleaning...

Thanks to the specially designed brush system, it is certain that the surfaces of the cleaned product are better than you expect...

With maximum confidence and 100% result guaranteein dried products such as apricot, date, plum, cherry etc.

ap

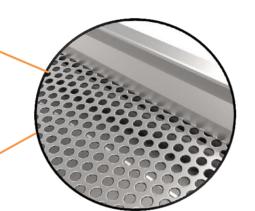
Powerful design, all stainless material and reassuring working principle...

Rigidity will no longer be a problem with adjustable feet designed to prevent any kind of jolts.



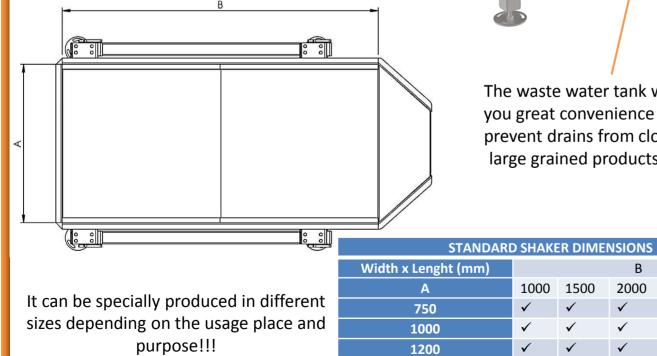


The mixture of water and product coming in intensely is separated from each other on the water-throwing shaker, ensuring that the product progresses to the next stage quickly and surely.



It is up to you to add more value to your products and your operation with highly durable and stainless screens which can be manufactured specially according to each product group...

> All stainless body, durable oscillation elements, strong vibration and 100% result...



1500

The waste water tank will provide you great convenience in order to prevent drains from clogging with large grained products and dust.

 $\checkmark$ 

 $\checkmark$ 

2500 3000

 $\checkmark$ 

 $\checkmark$ 

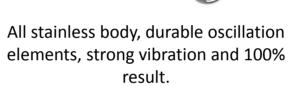








Grading shaker is used to separate the products into desired sizes.





It is up to you to add more value to your products and your operation with highly durable and stainless screens which can be manufactured specially according to each product group...

It can be specially produced in different sizes depending on the usage place and purpose!!!

Your work will be easy thanks to the wide necks where products can be picked up in different sizes.





Fumigation chamber is a regular chamber where your products are kept waiting and unwanted occurrences like insects etc. in the product are destroyed...

With its durable body, powerful design and reassuring working principle, it is the first...

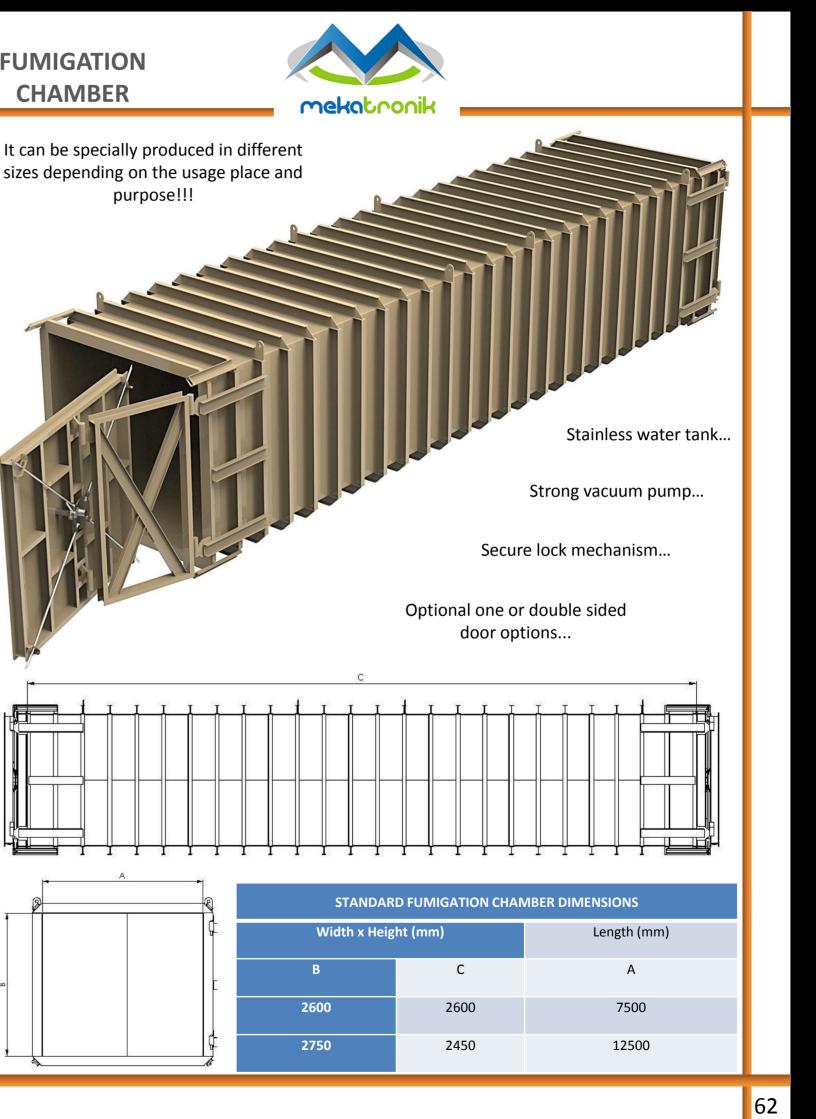
having difficulty in lack of

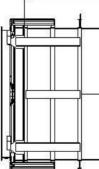
space.

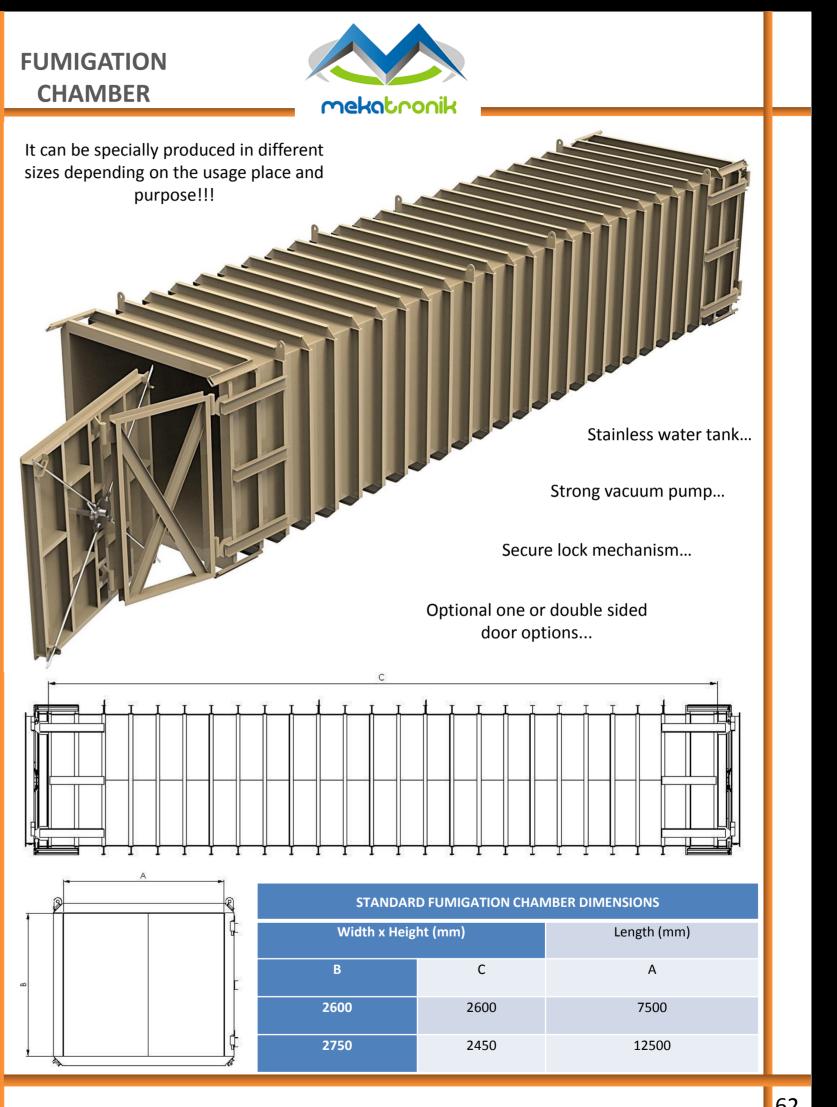
Thanks to the excellent mobility of the covers, you will be able to load comfortably without

Optional color alternatives...

With the drug blasting system equipped with the optional pneumatic system, you won't have to open and close the cover constantly...









## MULTI-PURPOSE LIQUID TANK





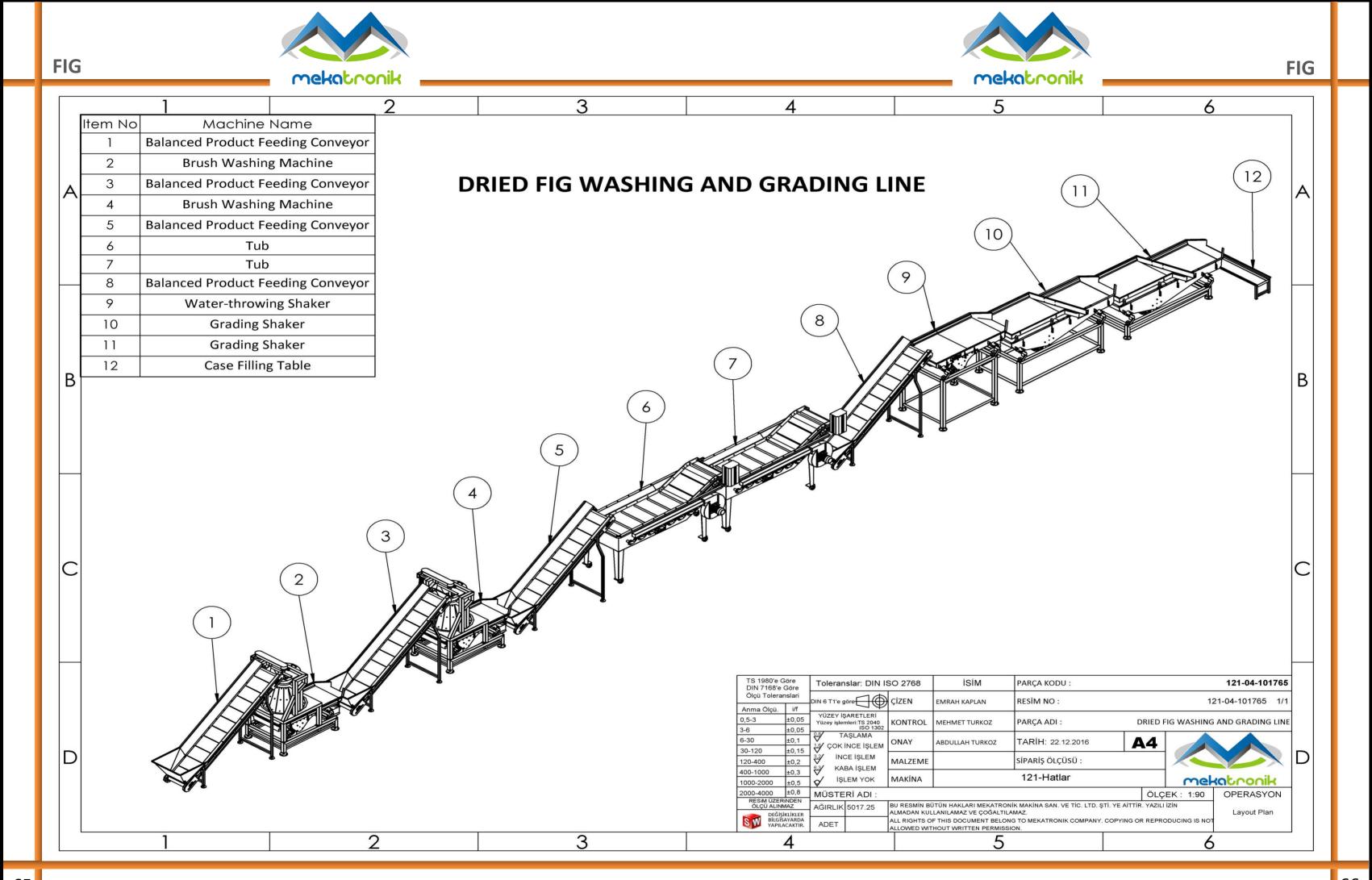
Powerful stance, all stainless material, quality workmanship and perfect result...

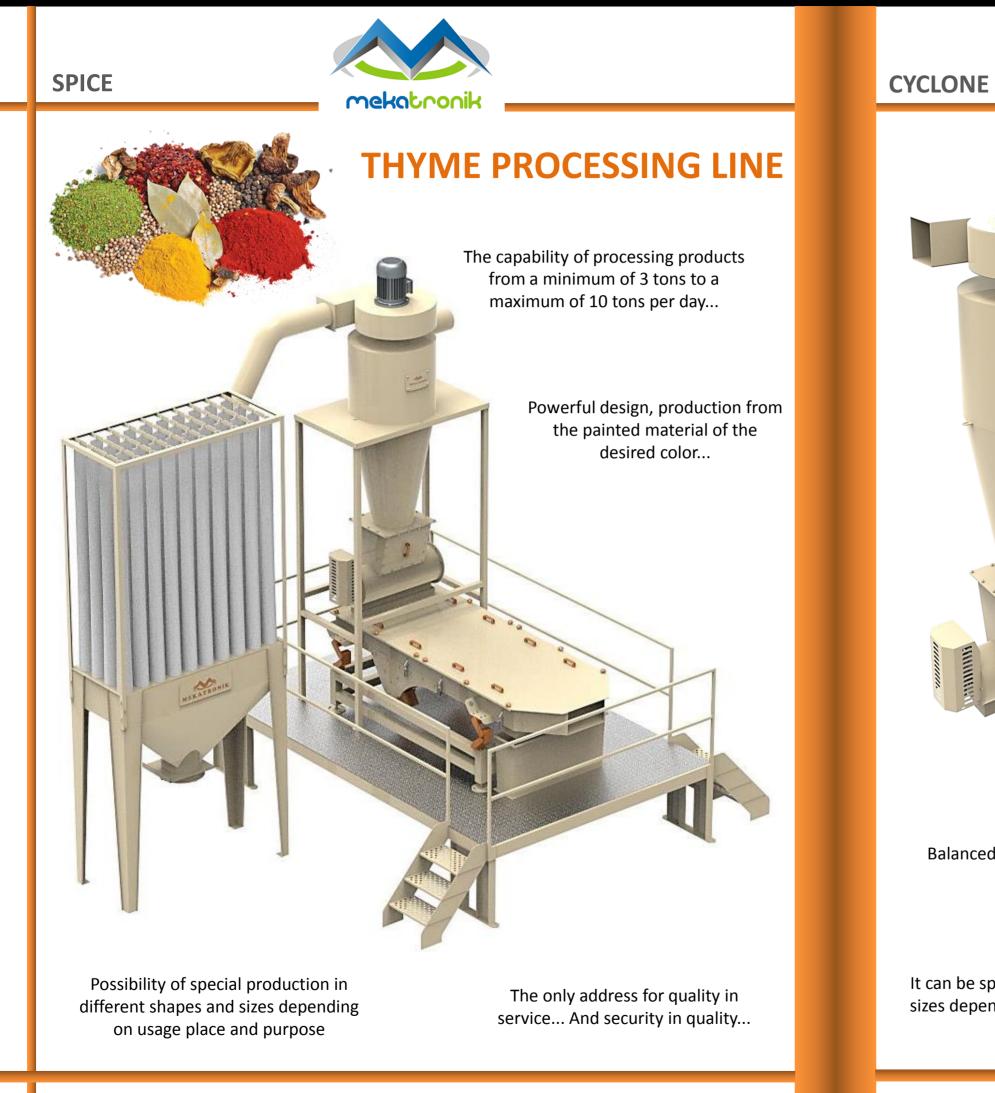
> It can be specially produced in different shapes and sizes depending on the usage place and purpose!!!

Multi-purpose liquid tanks are very useful as they can store liquid products such as oil, water, acid etc.

Comfortable handling and easy cleaning for all liquid products...









Cyclones specially designed for the usage and purpose enable the products to be moved from one place to another more comfortably and safely.

A more stylish look with optional color alternatives...

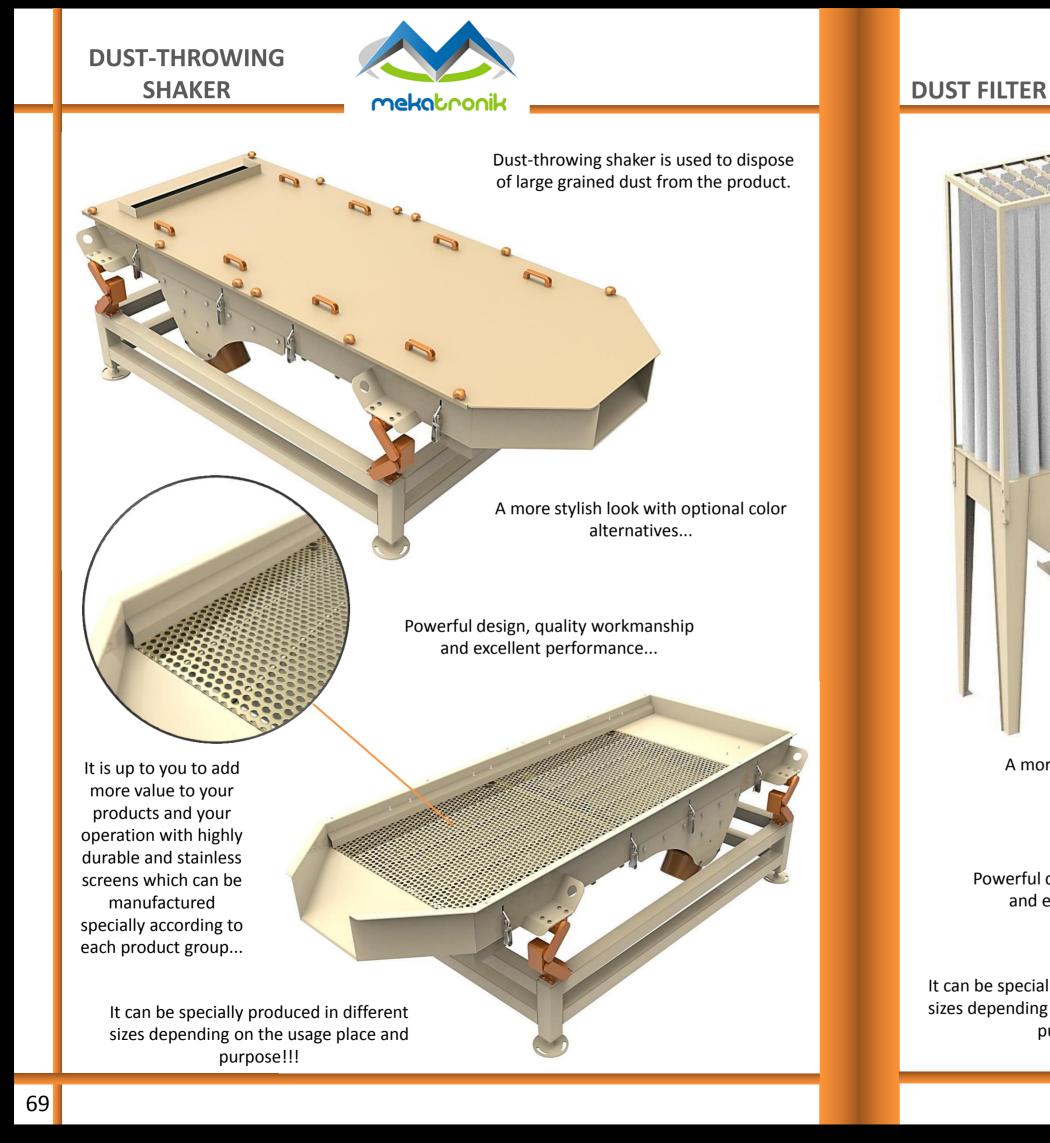
Powerful design, quality workmanship and excellent performance...

The possibility of direct intervention in any problem thanks to surveillance covers...

Balanced product feeding with air lock mechanism...

It can be specially produced in different sizes depending on the usage place and purpose!!!









A more stylish look with optional color alternatives...

Powerful design, quality workmanship and excellent performance...

It can be specially produced in different sizes depending on the usage place and purpose!!!

With the aid of the suction fan, the spice sent into the filter is purified from the dust and the final product is obtained.

> Easy installation and easy cleaning thanks to the detachable filters.

