SUGAR POWDER MILL // FAT MELTING TANK // CHOCOLATE RESTING S CONTINUOUS BALL MILL // BATCH TYPE CHOCOLATE $\underset{\substack{\text { ONE-SHOT } \\ \& H E L L}}{\text { SHE }}$
$\qquad$ SERVO ONE-SHOT TANDEM


TWISTDA


Q ${ }^{2}$ MILL // FAT MELTING TANK // CHOCOLATE RESTING STOCK TANK // CHOCOLATE PRE-MIXER CON= NOUS BALL MILL // BATCH TYPE CHOCOLATE BALL MILL // CHOCOLATE BALL MILL ONE-SHOT \& SHELL HOC ○ LATE $\square$
$\square$
$\square$

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## CHOCOLATE PROCESSING MACHINES //

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## ABOUT US //

 ///////////////////Mehmet Buyukciftci, Chairman of the Board of Memet Machinery Industry Trade Inc., was born in Konya in 1972. He went into industry at the age of 12 and started to work in various companies. He gained experience and knowledge in his field by passing the stages of apprenticeship and journeyman. In 1997, he established his own workplace and put his acquisition into practice. When he opened this workplace, he borrowed a tractor that had a fair value of $\$ 6000$ appreximately from his father and used it as capital. He put his workplace into operation with a lathe in 80 square meters in a small industrial site.

Memet Machinery has become a company that manufactures candy and chocolate machines, exports to 77 countries in the world with by enlarging from 40 thousand square meters to 26 thousand m 2 closed area and with 180 experienced employees and has a say in sugar and chocolate machines in its sector.

Buyukciftci, who sees business life as an INNOVATION, has ensured by talking COURAGEOUS and DECISIVE steps that Memet Machinery is operating in 65 countries with its 34 years of knowledge and experience in the industry The ENTERPRENEURIAL spirit of Buyukciftci is the reason why Memet Machinery operates in so many countries around the world in a short period of time.

Memet Machinery, operating in many countries of the world, aims to be among the top three chocolate machine manufacturers in the world. Memet Machinery attaches great importance to R\&D activities within the framework of this aim and realizes its investments in this direction. Memet Machinery, developing by doing reverse engineering puts its R\&D studies into manufacturing very quickly. In this context, it has manufactured machines that are the first ones in Turkey and the world. It has increased the production capacity of its existing customers with less manpower less energy consumption and responsibility towards nature with these innovations.


MEHMET MAKINA SANAYi TICARET AŞ

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AUTOMATIC ONE-SHOT CHOCOLATE MOULDING




It provides the advantage of high efficiency grinding and long-lasting use thanks to its crusher system specially designed for crystal sugar. // Thanks to the mill body made of steel and the water-cooled bedding body, it provides maintenance-free and trouble-free use. // Ground powdered sugar is transferred by a spiral system. // Transfer of the sugar in the chamber to the mill is done automatically with the level control sensor // Sugar chamber and transferring components are made of stainless steel. // For crystal sugar;

- $70 \%$ = range of $80 \sim 120 \mu$,
- 20\% = above $120 \mu$,
- $10 \%$ = grinding capacity below $80 \mu$.


It has been developed to melt, preserve and transfer solid fats in block form. It's redesigned serpentine structure provides the advantage of minimum melting time and ease of use. // It has a body with heat jacket and internal serpentine water heating system. // Thanks to the water reservoir separate from the body heating, the coil temperature is easily adjusted at the desired value independent of the body and is kept constant at this value. // All functions of the machine are easily controlled from the PLC panel having a user-friendly interface. // The transfer of melted oil from the touch screen is provided automatically in the desired amount and to which machine it will be sent. // It is completely designed with stainless steel and hygienic materials; thus, it meets the highest standards and allows easy and practical cleaning.

(A) 2450 mm


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## CHOCOLATE RESTINC stock țANK"

It is designed for resting, stocking and transferring products like chocolate, cream, etc. at any time. It is produced in various capacities to meet the needs of manufacturers who want to increase their productivity. // It has heat jacketed body structure, circulation pump for heating water and magnetic water level indicator. // The low-speed mixer runs periodically according to the set time; therefore the structure of the product is not deteriorated and energy saving is achieved. // It is completely designed with stainless steel and hygienic materials; thus it meets the highest standards and allows easy and practical cleaning.

|  | CAPACITY | POWER | MIXING SPEED | WIDTH C(A) | LENGTH (B) | HEICHT (C) | WEICHT |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MMT-ST-20 | 20 kg | $2,75 \mathrm{~kW} / 380 \mathrm{~V}$ | $22,5 \mathrm{rpm}$ | 715 mm | 550 mm | 715 mm | 80 kg |
| MMT-ST-100 | 100 kg | $5 \mathrm{~kW} / 380 \mathrm{~V}$ | 18 rpm | 785 mm | 750 mm | 1025 mm | 130 kg |
| MMT-ST-250 | 250 kg | $5 \mathrm{~kW} / 380 \mathrm{~V}$ | 18 rpm | 1000 mm | 750 mm | 1250 mm | 220 kg |
| MMT-ST-500 | 500 kg | $12 \mathrm{~kW} / 380 \mathrm{~V}$ | 18 rpm | 1250 mm | 915 mm | 1500 mm | 325 kg |
| MMT-ST-1000 | 1000 kg | $12,5 \mathrm{~kW} / 380 \mathrm{~V}$ | 24 rpm | 1500 mm | 1165 mm | 1700 mm | 465 kg |
| MMT-ST-2000 | 2000 kg | $12,5 \mathrm{~kW} / 380 \mathrm{~V}$ | 24 rpm | 1770 mm | 1400 mm | 1900 mm | 605 kg |
| MMT-ST-3000 | 3000 kg | $13,5 \mathrm{~kW} / 380 \mathrm{~V}$ | 22 rpm | 1860 mm | 1500 mm | 2300 mm | 825 kg |


(A) 1500 mm


# CHOCOLATE PRE-MIXERII- 



It is designed horizontally to provide an easy-to-use advantage. It has a specially developed mixer system to obtain homogeneous mixtures in a shorter time. // It is designed with low height, widely openable lid for easy loading of raw materials and grid system for security. // It has heat jacketed body structure, circulation pump for heating water and magnetic water level indicator. // It is completely designed with stainless steel and hygienic materials; thus, it meets the highest standards and allows easy and practical cleaning.


## MMT-CBM-1000

|  | INPUT DATA |  |  | OUTPUT DATA |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Capacity | Chiller Inlet | Entry Micron | Inlet | Output | Output Micron | Energy |
| 500 Kg | 1,5 bar, $10 \_15^{\circ} \mathrm{C}$ | 120_150 mm | $40^{\circ} \mathrm{C}$ | $47^{\circ} \mathrm{C}$ | $20 \mu \mathrm{~m}$ | $58 \mathrm{Kwh} / \mathrm{Ton}$ |
| 750 Kg | 1,5 bar, $10 \_15^{\circ} \mathrm{C}$ | 120 _150 $\mu \mathrm{m}$ | $40^{\circ} \mathrm{C}$ | $48^{\circ} \mathrm{C}$ | $25 \mu \mathrm{~m}$ | $58 \mathrm{Kwh} /$ Ton |
| 1000 Kg | 1,5 bar, $10 \_15^{\circ} \mathrm{C}$ | 120_150 mm | $40^{\circ} \mathrm{C}$ | $50^{\circ} \mathrm{C}$ | $30 \mu \mathrm{~m}$ | $58 \mathrm{Kwh} / \mathrm{Ton}$ |



It is developed for fine grinding of chocolate compounds, spreadable products, filling and coating creams, molten cocoa masses, hazelnut pastes and other oil-based products. // The specially designed grinding system provides one-step grinding at low temperatures, ensures the highest and consistent quality of your product. // Smart Control System regulates power input, product product. // Smart Control System regulates power input, product temperature and product output. Regardless of operator skills and
raw material quality fluctuations, a uniform product quality is raw material quality fluctuations, a uniform product quality is
ensured at all times. // Small grinding chamber volume ( 4 to 6 ensured at all times. // Small grinding chamber volume ( 4 to 6
times smaller than other ball mills) allows for quick cleaning. It also makes it easy to switch from one product to another with less product wastage. // The unique design of the grinding chamber provides a minimum of $30 \%$ less energy consumption, therefore provides a minimum of $30 \%$ less energy consumption, therefore Thanks to its ergonomic design, it has the smallest footprint per Thanks to its ergonomic design, it has the smallest footprint per capacity compared to other ball mills and has easy maintaining. // All functions of the machine are easily controlled from the PLC
panel having a user-friendly interface. // Reference mass for 20-25 Micron fineness; // (Chocolate mass containing min. 30\% fat, max. 15\% milk powder.)

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CAPACITY TOTAL POWER 1000 kg Input/h $40 \mathrm{~kW} / 380 \mathrm{~V}$ 20-25 micron ( $\mu$ ) output

## BATCH TYPE CHOCOLATE BALLMILII-

It has been developed to meet the capacity needs of manufacturers who want to increase their efficiency for grinding chocolate, cream and other oil-based products. // The specially designed double pump continuous product circulation system provides the opportunity to obtain lower fineness in a shorter time with the circulation of 5 tons of product per hour. // The movement of the balls has been increased with the renewed grinding hoes. Therefore, it ensures your products reaching the highest and consistent quality. // It has heat jacketed body structure, circulation pump for heating water and magnetic water level indicator. // All functions of the machine are easily controlled from the PLC panel having a user-friendly interface. // It is completely designed with stainless steel and hygienic materials; thus, it meets the highest standards and allows easy and practical cleaning.


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It has been developed to meet the capacity needs of manufacturers who want to increase their efficiency for grinding chocolate, cream and other oil-based products. // The movement of the balls has been increased with the renewed grinding hoes. Therefore, this ensures that your products reach the highest and consistent quality. // It has heat jacketed body structure, circulation pump for heating water and magnetic water level indicator. // All functions of the machine are easily controlled from the PLC panel having a user-friendly interface. // It is completely designed with stainless steel

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# CHOCOLATE TEMPERING MACHINE // 



1000 kg/h


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## SERVO ONE-SHOT <br> TANDEMII....

It has been specially developed for manufacturers who want to increase their productivity with minimum requirements. // It has a manual mold feeding system for filled or unfilled chocolates, pralines, bars and tablets. // It provides high production advantage with its compact design and minimum space requirement. // All functions of the line are easily controlled from the PLC panel having a user-friendly interface. // All surfaces are designed with stainless steel and hygienic materials, so the produced products meet the highest standards and it allows easy and practical cleaning. // The body of the depositor has a hot water jacket and its temperature is controlled by the external water tank unit. // The cooling tunnel has 20 layers. It has a total of 304 mould cooling temperatures and the dwell time in the tunnel for each mold is 20.3 minutes.



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## DOUBLE-SHOT CHOCOLATE MOULDING LINE // mancososo




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ONE-SHOT
CHOCOLATE
MOULDING
LINE //



## AUTOMATIC SHELL LINE //




CHOCOLATE COATING AND
TUNNEL/I
CHOCOLATE ENROBING
It has a wide range of applications like pralines, bars or baked goods etc. and has been developed to create the highest quality coatings. // Appropriate coating thickness and permanent shine are its outstanding features. Chocolate, caramel and sugar masses as full and half coating are suitable for coating products, as well as bars, etc. // Band width is 1000 mm and made of stainless steel. // Every part of the machine that comes into contact with food is made of stainless hygienic material. // Chocolate level runs in harmony with the tempering machine and can be monitored with sensors. // The heating system inside the coating cabinet is equipped with ceramic heaters and the inside of the cabinet can be kept at the desired temperature.

## COOLING TUNNEL

Thanks to its renewed modular design, it can be produced at the desired distance according to the needs of the product to be applied and the business. // Thanks to two different cooling zones, the inlet-outlet cooling temperatures can be adjusted independently from each other at the desired value. // Bidirectional openable covers and cabinet design provide optimum accessibility for cleaning and maintenance. // All functions like belt speed, temperature, etc are easily controlled from the PLC


(B) 26200 mm

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## DROP LINEII....

It has been developed to meet the needs of manufacturers who want to obtain advantage in chocolate drops production. // Thanks to replaceable cassettes and height adjustable depositor, products can be obtained in desired shape and weight. // All functions of the line are easily controlled from the PLC panel having a user-friendly interface. // Bidirectional openable covers and cabinet design provide optimum accessibility for cleaning and maintenance. // Thanks to its central control principle and modular design, it has a suitable structure for fast on-site installation. // It has efficient cooling capacity with its 3-layer band system.

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# SOFT CANDY LINEII. 

It has been developed to meet all the needs of the manufacturers, such as high production capacity and product-weight variety, thanks to its redesigned servo-controlled filling system and high-efficiency cooling tunnel. // It provides a more hygienic production process besides low production costs. // It provides the advantage of high efficiency production of your confectionery products like caramel, jelly, fondant etc...in a single line through meeting the changing needs of the customer in future. // All surfaces are designed with stainless steel and hygienic materials; therefore, produced products meet the highest standards and easy and practical cleaning. // The body of the depositor has steam jacket and its temperature is fed by the steam unit. // All functions of the line are easily controlled from the PLC panel with a user-friendly interface. // It has a central continuous filling system. // The cooling tunnel has 4 layers. // There are 42 products in each mold.



Compared to existing starchy production lines, it provides advantages through meeting minimum space requirement, less operator requirement and maximum hygiene standards. // Silicone molds are used instead of starch molds for products which do not require drying, so it provides a more hygienic production process with lower production costs. // Thanks to its redesigned servo-controlled filling system and high-efficiency cooling tunnel it has been developed to meet all the needs of mid-tier manufacturers, such as high production capacity and prod-uct-weight variety. // All surfaces are designed with stainless steel and hygienic materials, so the produced products meet the highest standards and allow easy and practical cleaning. // The body of the depositor has steam jacket and its temperature is fed by the steam unit. // All functions of the line are easily controlled from the PLC panel having a user-friendly interface. // It has a central continuous filling system. // The cooling tunnel has 4 layers. // There are 72 products in each mould.

(B) 36500 mm


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## TWIST PACKAGING MACHINEII

MMT-PF5OO


It packs soft candy, hard candy (mini bonbon), jelly candy, sphere chocolate products as in double twist. // It has an easy-to-use interface with PLC controlled touch screen. // It has a product feeding platform with vibration system. // The product paper release and control are provided by servo system for different packaging wrapping. // The continuous motion principle of the machine ensures efficient and reliable high-performance winding of mass production. // The product has two separate reel systems where packaging papers can be attached. // It is designed coherent continuous working conditions.

Round Chocolate
$400 \mathrm{~d} / \mathrm{dk}$.
DIMENSIONS: $\varnothing 20-28 \mathrm{~mm}$


## Hard Candy

$600 \mathrm{~d} / \mathrm{dk}$.
WIDTH: $13-17 \mathrm{~mm}$
LENGTH: $17-20 \mathrm{~mm}$
HEICHT: $10-15 \mathrm{~mm}$

## Caramel Candy

$600 \mathrm{~d} / \mathrm{dk}$.
WIDTH: $\phi 20-28 \mathrm{~mm}$
LENGTH: $\varnothing 20-28 \mathrm{~mm}$
HEICHT: $8-20 \mathrm{~mm}$

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# CHOCOLATE WRAPPING MACHINE/I 

MMT-C-PF5OO

It has an easy-to-use interface with PLC controlled, touch screen. // It has 5 pieces servo-con trolled feeding band units which are independent from each other. // Uninterrupted transport of products is ensured by fully synchronized conveying speeds of the feeding belt. // Product paper release and control are provided by servo system for different packaging wrapping. // The continuous motion principle of the machine ensures efficient and reliable high-performance winding of mass production. // The product has two separate reel systems where packaging papers can be attached. // It is designed coherent to continuous working conditions.


CAPACITY 400-500 rpm


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## COCONUT PRESSING MACHINE/I

MMT-CPM-1000

This machine provides molding of the products with Coconut by pressing in the desired shape and weight according to customer needs with replaceable plates. // All surfaces are designed with stainless steel and hygienic materials, so the products produced meet the highest standards and provide easy and practical cleaning. // Hydraulic system, number of presses, weight adjustment, belt speed, etc. all functions are easily controlled from the PLC panel having a user-friendly interface. // Maximum product feed (volume/press) is 2 liters per press. // Hopper volume is 230 liters.

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Now we have established our new company, at Konya 4th Organize Industial Zone, 40.000 sqm ground and 26.000 sqm closed area.


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