



DEINTK

**INNOVATIVE SOLUTION
FOR YOUR PROCESS**

About DeinTK GmbH

DeinTK GmbH is an established leader in the food processing industry throughout the Middle east and Africa

DeinTK GmbH represents reputable companies active in the manufacturing, high technology food processing and packaging machinery

DeinTK GmbH provides services, engineering, and technical support to suppliers and customers starting from installation for new machinery to startup and repair of single machines or complete Lines

DeinTK GmbH manufactures auxiliary solutions and installations needed for turnkey projects'



Our Offices

HEAD OFFICE

- Aachen - Germany

BRANCHES

- Cairo-Egypt
- Erbil Iraq
- Baghdad - Iraq



SERVICE

Installation Engineering

Correct installation of your machinery is crucial to the smooth running and complete integration of your production process. This will ensure that you gain the maximum value from the machinery you have purchased, minimize the down times of your production and maximize your profitability potential



Machinery Maintenance & Repair

The availability of reliable post sale service and maintenance is essential for maximizing uptime and production capabilities of your factory. To ensure your machinery provides superior performance and reliability, our specialist technicians are trained to deal with any upgrade, maintenance or technical problem, and are readily available to you for all emergencies.

Project Management Consulting

From conceptualization to implementation, **DEINTK** is committed to delivering turnkey solutions that will maximize your business potential. This begins with customer care and providing a superior level of support when need it.



KILLING LINES

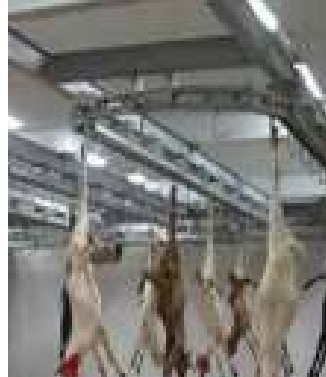
Sheep



CONVEYING



RITUAL KILLING



FINAL BLEEDING



TRANSFER



SKINNING



EVICERATING

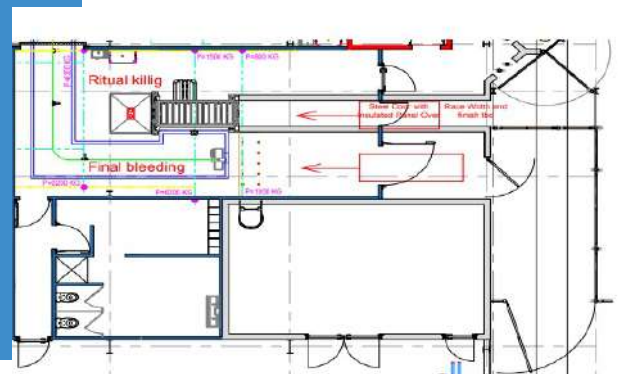


WASHING



TRANSFER TO CARRIER

Camel



Cattle



RITUAL KILLING



FINAL BLEEDING



REHANGING



SKINNING



BREASTBONE



EVICERATING



SPLITTING



REFRIGERATING

BRINE INJECTORS



Whether you operate in the meat, poultry or fish industry, the Fomaco MZ/M3 provides you with the ultimate platform when choosing and building your injector-tenderizer.

By mixing and matching various components, the M series allows you to customize the machine to fit your production Perfectly, giving you the highest level of specialization possible.

The M3 is a series of thoroughly tested, high quality production machines designed to operate in highly demanding and aggressive production environments.

The 'box-in-box' construction seals and protects critical electrical components and controls from water ingress, humidity and atmospheric salt.

THE M2-M3- THE WORLD'S MOST FLEXIBLE INJECTOR- TENDERIZER

Advantages

- Total Customization
- Suitable for all product
- Uniform Brine Distribution
- High Reliability
- Automatic, computerized Cleaning
- Maximum Needle Control
- Intelligent Software
- Optimized Flow

Possible Applications



M2



M3



Needle Heads MP14



Knife Tenderizers

Tumblers

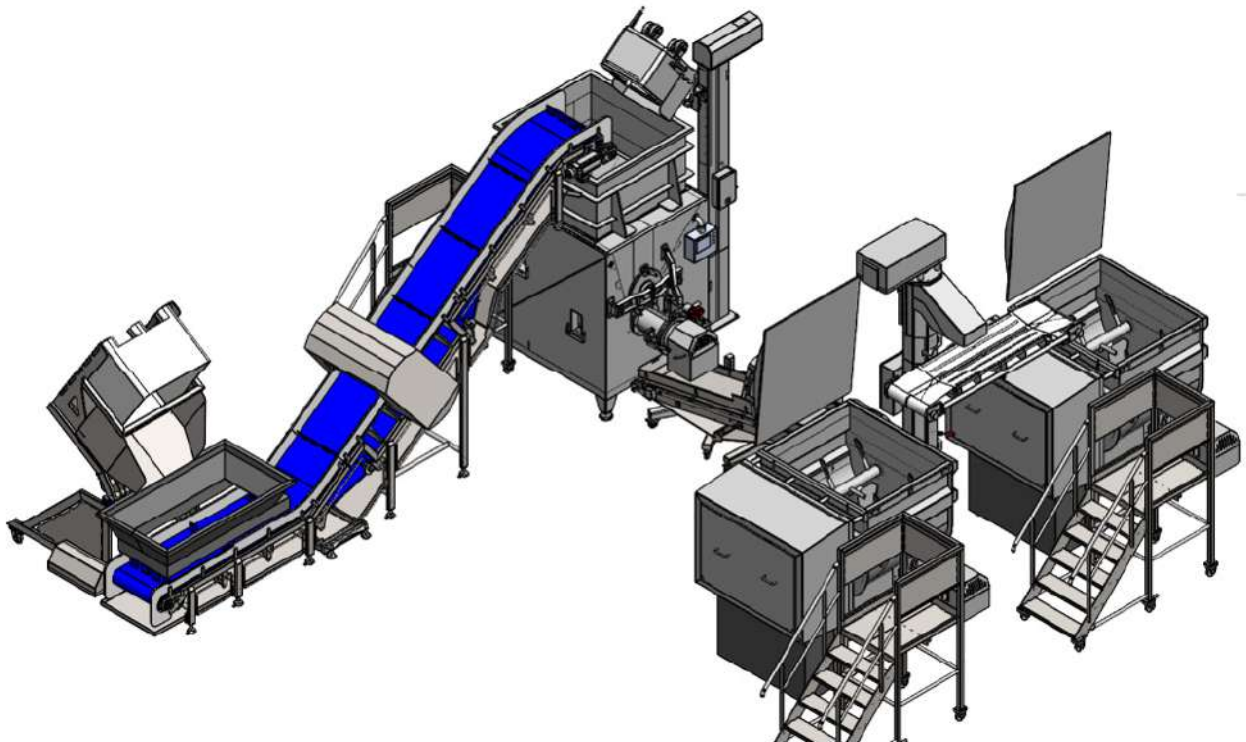
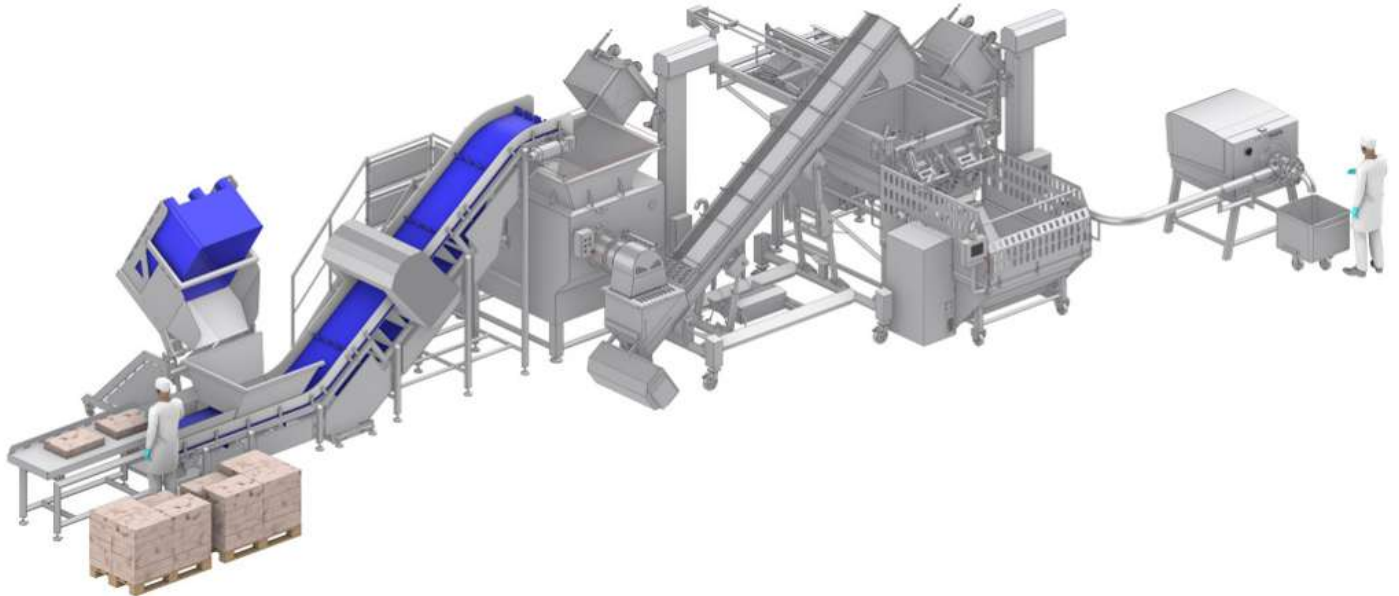
Vacuum Tumblers

Double Jacket

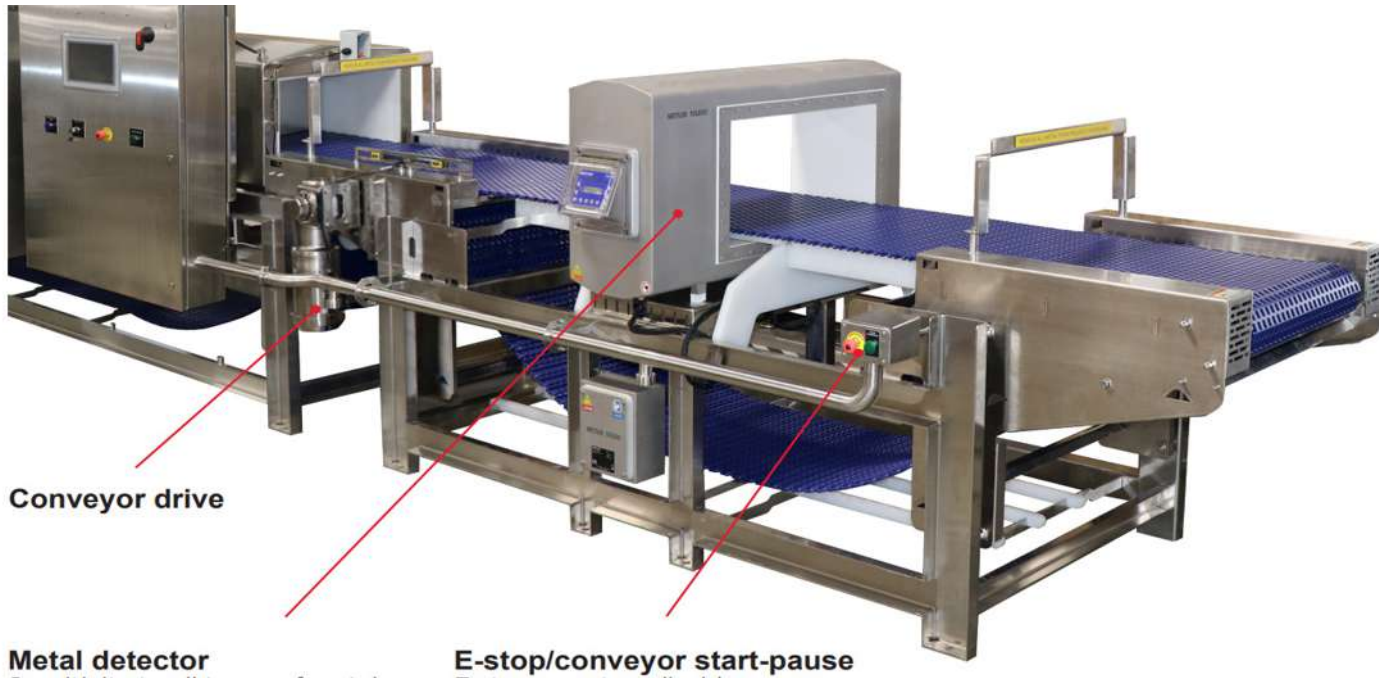
Defrosting



GRINDERS / MIXERS / EMULSIFIERAUTOMATIC PREPARATION LINES

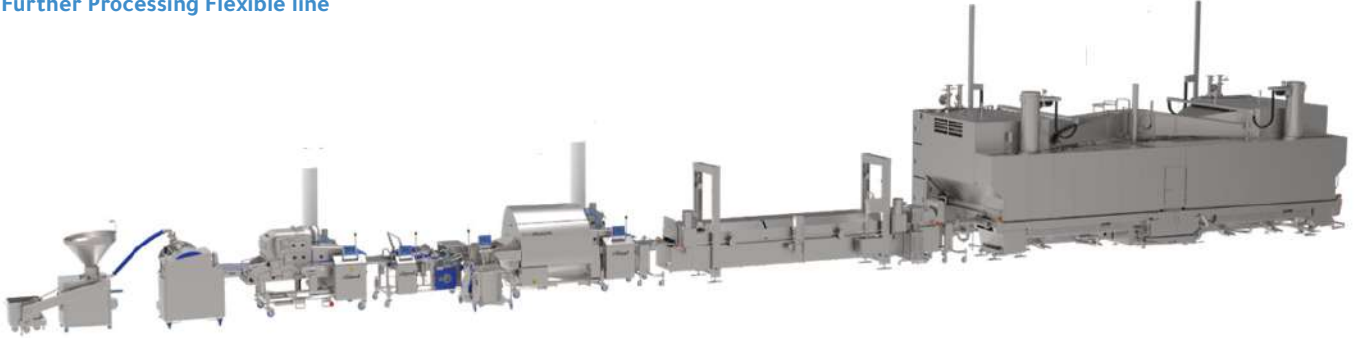


MICROWAVE BATCH / CONTINUOUS



FURTHER PROCESSING LINE

Further Processing Flexible line



PORTIONING - SLICING



DEBONINGHIGH / DRUMSTICK / WING DEBONING



WING LOLLIES



DRUM LOLLIES



MESQUITE DRUM LOLLIES



TERIYAKI DRUM LOLLIES



SLICERS / DICERS



Its Flexibility is what attracts customers to the Dicers. Whether for diced meat for stews, meat strips for fry, ham strips or grated cheese, the dicer effectively carries out any job you need. Depending how the machine is equipped. it can be loaded manually or integrated into a fully automatic production line.

MULTI-PURPOSE DICERS

Advantages

- Fully sealed product loading chamber with open drainages
- Loading chamber closure with compression block
- Computer controlled
- THC system*
- Compact design on wheels
- Two-part grid
- Hardened shear edges and product stabilizers
- Simple and safe grid fixation

Possible Applications



Multi-Purpose Slicer



MHS 850/1000



MHS 1700 / 2000



MHS 2400 / 3100



MHS 2900

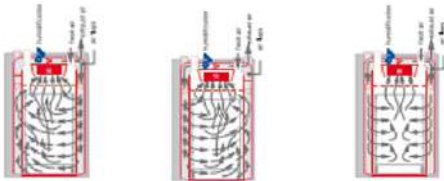


MHS 3200 / 4000

COOKING CHAMBERS

The smoking and drying installation KK cookhouse is the perfect solution for a variety of different thermal treatments.

It has a combined Hot-Smoking and Cooking Installation for reddening, drying, smoking, boiling, cooking and cold-smoking.



SMOKING AND DRYING INSTALLATION KK COOKHOUSE

Advantages

- Huge range of treatment types:
 - Cooking by dried air and steam
 - Dry and Smoke different types of sausage, eat, meat ,chicken and fish
- Prevents color change and differences in quality in various products
- Top energy efficiency
- Combined installation for the thermal treatment of foodstuffs
- Outstanding hygiene

Possible Applications



ADDITIONAL EQUIPMENT

End of line



Portioning



Spiral cooler & Spiral freezer



Compact

The single drum system for cooling and freezing of all kind of food products with one belt width and four tier pitches for small capacities

Compact duo

The twin drum for cooling and freezing of all kind of food products with one belt width and four tier pitches for small and medium capacities.



Arctic

The spiral system for cooling and freezing of all kind of food products with various belt widths and tier pitches plus numerous options for medium and high capacities.

PATTY STACKER WITH / WITHOUT PAPER



PACKAGINGFLOW WRAPPER



The Carrera 1500 responds to the budget, build quality and flexibility requirements of mid-range food and non-food operations. This latest addition to the Carrera portfolio incorporates incremental innovations that have enabled IMA-Ilpak to stretch the performance/price ratio of the system. A radical re-engineering of the machine frame has produced the first IMA-Ilpak flow wrapping machine with a tubular frame for added robustness, whilst on the sealing system, heavy duty shafts and surrounding bearings allow for greater and more consistent seal-jaw pressure.

MAIN FEATURES

- . Upgradable machine configuration
- . Electronic machine with commercial available components
- . HMI colour touch screen with icon structure
- . Fully electronic controlled machine

BENEFITS

- . Possibility to expand & connect the machine with different feeding systems
- . Higher reliability components- Easy maintenance
- . Intuitive and easy machine management by operators
- . Easier size change operation

PACKAGING THERMOFORMING



COMPACT & FLEXIBLE THERMOFORMING E40 FOR MEDIUM & HIGH PRODUCTION OUTPUT

Advantages

- High performance
- Quick and Easy packaging
- Medium and high production
- User friendly control
- Flexible and Rigid films
- Stainless Steel
- Noise Free

Machines frame in stainless steel for an easy sanitization in wash down environments. An open frame enables to go through all the parts of the machines for checking and maintenance.

An user-friendly control panel introduce the operators to easily set and record different programs, programmable movements result in a maximum flexibility with respect to the different formats and products. Processing flexible and rigid film with thickness up to 600 micron and a film width up to 420 mm. Tray provide a maximum forming depth until 100 (120*)mm. with a maximum cut-off up to 300 mm.

Machine requires only air pressure for forming and sealing. Processing Stations are all electric in motion, so that a good saving in energy and little maintenance give a good return of the investment.

Possible Applications



Reeform E 40



Reeform E 10



Reeform T 55

PACKAGING



VACUUM PACKAGING MACHINE FOR INDUSTRIAL USE

Advantages

- Quick and Easy packaging
- Small and Medium product
- M.A.P as option
- Wide range of size machines
- Transparent lid to easy look at the process
- Easy to clean and maintain
- Rounded edge outside and inside

Semi Automatic Vacuum Chamber Machine, available as tabletop or wheeled models. All machines are made in stainless steel frame with a smooth surface.

The running is completely automatic; closing the top lid of the vacuum chamber the machine starts automatically performing the recipe programmed and recorded. Nine automatic programs can be selected and stored by the electronic system; easy and friendly control panel permit to set up the process anyhow according to need.

The evacuation and gas flushing processes are pressure-controlled and thus guarantee a reproducible packing quality. System for modified atmosphere (M.A.P.) and available as an option.

Possible Applications



RV 630



RV 200



RV - DC 640

PACKAGING VERTICAL PACKING



The Ilapak vegatronic 1000 is high quality entry-level automatic intermittent vertical bagger running pillow bags, blocks bottom bags, Quattro (stand-up flat block bottom bags with four corner seal) and pouches for dry and wet applications with the option of Modified Atmosphere Packaging (MAP). Ilapak's Vegatronic series of vertical packaging machinery VFFS (Vertical Form Fill and Seal) can produce the highest quality and most innovative range of pack styles, whilst delivering flexibility and exceptional performance. The Vegatronic series is ideal for loose products, fresh or frozen produce, powders, granulated products and liquids.

ROBOTICS



INSPECTION EQUIPMENT



Combined, state of the art, high performance Inspection Systems for...
Weighing | Metal Detection | Label Inspection | Line Control
Quality Assurance | Management Information

CERBERUS

Advantages

- Several rejection devices (pusher, air blast, deviation flap, swivel, progressive, retracting, lane divider)
- Reject confirmation
- Lockable reject collection bin with level sensor
- Product handling options (lateral guides, product guides, superior and sidebands, rolls) Protections against air drafts, avoid access, etc.
- Automatic speed controller
- Barcode reader
- Remote communication for distant maintenance

INSPECTION EQUIPMENT



X-RAY / CHECK WEIGHER

Advantages

- DATAHUB WEB connection for Statistical Quality Control (SQC)
- Special can inspection software for ringpull detection
- Remote communication for distance maintenance
- Air conditioning for temperatures above 20 C
- Reject confirmation
- Mass analysis SAI

APOLLO

X-ray inspection providing contamination detection of glass, metal, mineral stone, calcified bone and high-density plastics. Line Control | Quality Assurance | Management Information

NET CASING - POLYAMIDE CASING FIBROUS CASING - CELLULOSE CASING



CLIPS / LOOPS

LORENZO BARROSO manufactures clip-pers and tiers, and all type of aluminium clips and loops.

The company has produced machinery and consumables for the food and packaging industry since 1958.

Their long experience and constant research, focused on innovation and quality, allows us to offer our customers a large range of machinery and consumables, with the most advanced technology



FAST AND INTENSIVE MIXING PROCESS – BEST POSSIBLE RESULTS FOR ALL FILLING QUANTITIES

Advantages

- Safe and clean product closure
- Best quality raw material
- Economic and reliable
- Innovative design
- Fast delivery



CLIPS ON STICK



CLIPS ON REEL



CLIPS ON SPOOL



LOOPS

PACKING MATERIALS



BAGS - TRAYS - FILMS

Advantages

- Bottom films and laminate films
- Flowpack
- Reclosable
- Duo-hard
- Skin films
- Foamed Apet
- Shrink Films meat/cheese
- Safety peel
- Sealing film for containers
- Specialized Films
- Stands -up Pouches

BUERGO.FOL GmbH is a German company specializing in the manufacture of rigid & flexible films, skin films and reclosable films for the food industry, medical products, pet food, the chemical industry as well as special customized applications.

With more than 40 years of experience, BUERGO.FOL provides unique know-how in the development of modern packaging solutions.

BUERGO.FOL is market leader in the field of high technical films and special-purpose films and provide a full in-house service in the development and manufacture of highly customized packaging solutions ranging from the production of advanced rigid films and flexible films to customized printing of the films.

Possible Applications



SMALL BUSINESS



TALSA SERIES

Talsa offers a range of machines such as fillers/stuffers, mixers, mincers/ grinders, cutters/choppers and cookers/ kettles. From small to large size production (i.e 14 L to 51L for the fillers). Constant investments in research. Development and innovation have made Talsa a worldwide recognized name in the production of medium capacity machines for the meat industry.

Advantages

- Wide range of size
- Ideal for small producers & artisanal production
- Robust and reliable machine
- Extremely user friendly

Possible Applications



W 130



W114



W 32-98



W 22-82

SMALL BUSINESS

Compact automatic - Breeding machine



TECHNICAL SPECIFICATIONS

- Automatic battering and breading.
- Useful width: 150 mm.
- Speed: 10m per minute.
- Production: 2.000 pieces per hour.
- Motor power: 180 watts.
- Single-phase electrical operation (optional 120-220v. 50-60 Hz).
- Tabletop machine (table optional).
- Can be fully dismantled for easy cleaning.
- Made of stainless steel and suitable plastics for food industry.
- Easy maintenance.
- Low price.
- Machine weight: 55kg.
- Measurements of the machine when assembled: 1.000 x 485 x 400 mm.

S-2200 Bandsaw

TECHNICAL SPECIFICATIONS

- Made of stainless steel.
- Pulley diameter 275 mm.
- Band length 2.280 mm.
- Cutting thickness 233 mm.
- Tabletop machine.
- Single-phase current: 230 volts, 50Hz.
- Motor power: 1.100 watts.
- Measurements: 600 x 600 x 1.040 mm.
- Weight: 65kg.



V-3000 CP automatic Hamburger machine

TECHNICAL SPECIFICATIONS

- Can be connected to any filler.
- Lays white paper or cellophane on one or both sides.
- Uses paper in rolls (can be personalised).
- Can work without paper.
- Produces from 40 up to 60 hamburguers per minute (depending on filler speed, type of mixture and wheather the machine works with or without paper).
- Hamburger weight from 25 up to 300 gr. (by changing shaper).
- Cuts paper to fixed size: 106 x 132mm.
- Variable shape (round, square, oval, rectangular).
Round hamburgers from 60 up to 110mm.
- pneumatic operation at 6kg/cm2
- Air consumption 250 litres per minute.
- Electrical power 100 watts.
- Tabletop machine.
- Measurements: 1.300x 600x 620mm.
- Weight: 85kg.
- Made of stainless steel
- Stacker from 1 to 5 hamburgers (optional).



SMALL BUSINESS

FORMING/ COATING / FRYING



FORMING MACHINES



WATER TREATMENT



RED MEAT



POULTRY



DAIRY



FISH



SLUDGE PROCESSING



DEPTH AERATION



SURFACE AERATION



ANAEROBIC



MEAT / BONE SEPARATOR



100 to 20 000 kg/hr (220 to 44 000 lb/hr)
Input capacity, depending on raw materials
and models

سعة إدخال من 001 إلى 00002 كجم / ساعة
(022 إلى 00044 رطل / ساعة) ،
اعتماداً على المواد الخام و النماذج



NSM* (MSC, MST, etc.)
CSM* (polio, pavo, et.)
MMO2
لحم مفصول ميكانيكياً



Ground . red meat
لحوم الحمراء المطحونة



Ground meat*
اللحم المفروم



Structured meat*
اللحم المعيكلة



Ground . doslnewed
poultry meat
لحوم دواجن مطحونة



Quality separated meat
High yield

Separators

فاصلة العظم من اللحم

Deboners

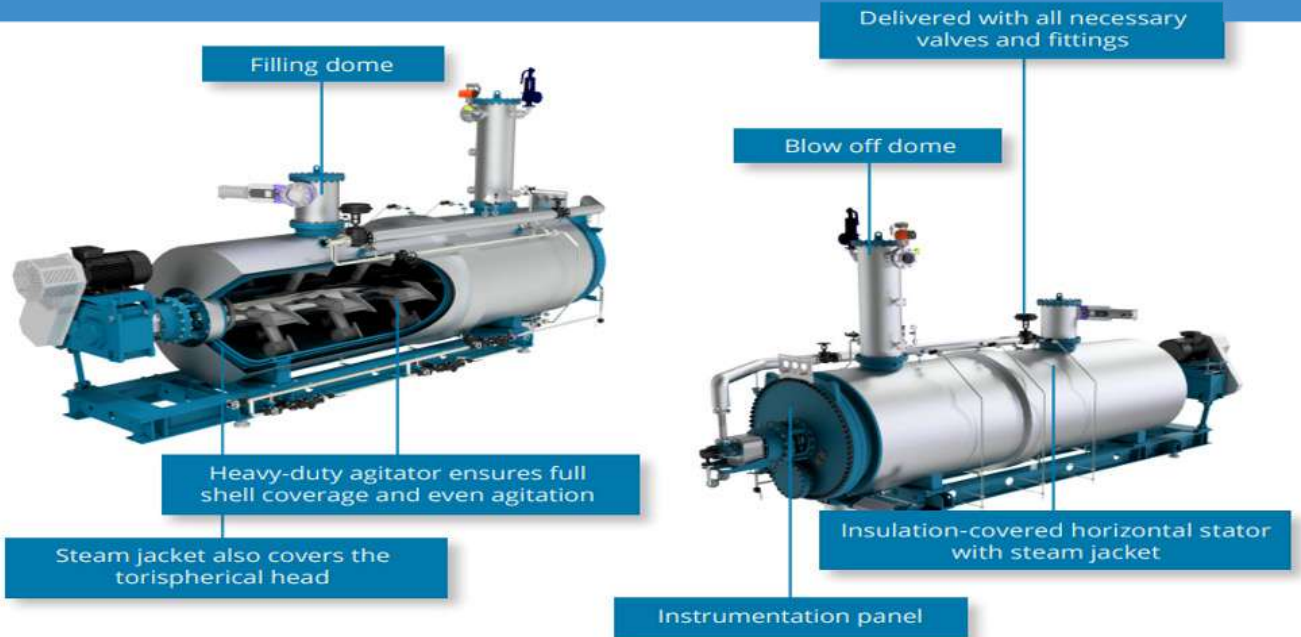
نازعة العظم

Friendly operation
Low exploitation cost

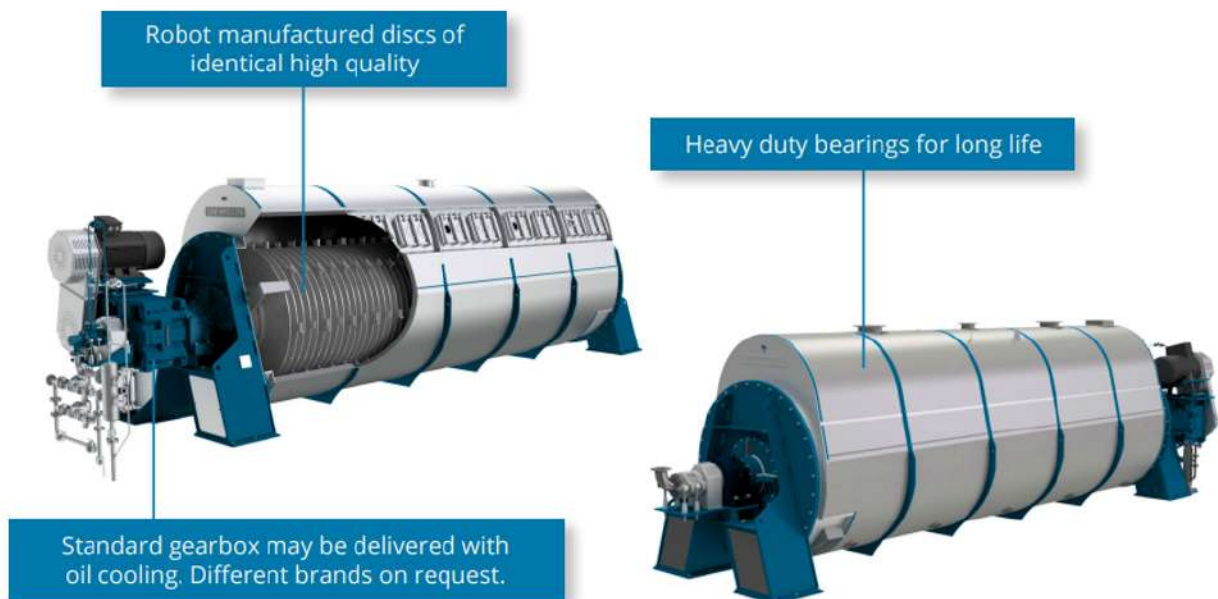
طاحنة عظام
و أعصاب

RENDERING COMPLETE LINES

DATCH COOKER



DISC DRYER



PACKAGING WHOLE CHICKEN AUTOMATIC PAGING



Full Automatic Packing machine for
whole chicken with new innovation





contact us



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