



# ALTIMAKINA

MANUFACTURE  SALES  SERVICE



**CNC CUTTING MACHINES AND TECHNOLOGICAL SOLUTIONS**

Slaughterhouse Modelhouse | Garment Machines | Garment Equipment

[www.altinmakina.net](http://www.altinmakina.net)



**V-SNAP Head**  
Used for I and V snapping.



**Electric Oscillating Head**  
For soft and medium density cardboard and car seat materials.



**Standard Cutter Head**  
Cuts fabric materials up to 5mm thick quickly and at low cost.



**Corrugated Folder Head**  
Used for creasing of corrugated cardboards up to 61mm thickness.



**Pneumatic Air Oscillation Head**  
Provides a solid performance on hard and soft form materials up to 50mm with its high acceleration speed.



FURNITURE



DENIM



PARACHUTE FABRIC



SWIMSUIT



WEAVING



SHIRT



AUTOMOTIVE



TECHNICAL FABRIC

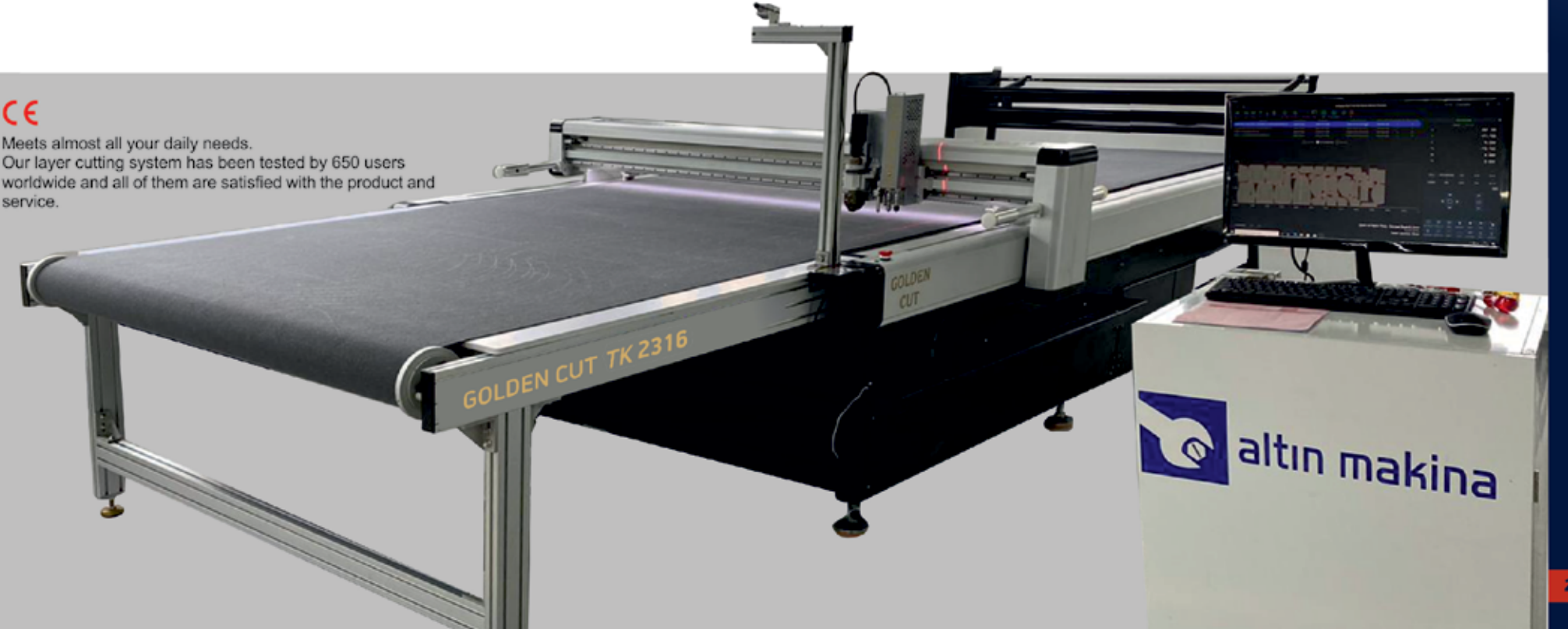
FEATURES

- \* Has a solid industrial structure.
- \*New vacuum system feed maintains constant vacuum during cutting.
- \*Works 24 hours a day, even in a busy working environment.
- \*Multi-functional cutting option is available
- \* Has a fast return on investment.
- \* Provides less waste and production cost.
- \*Overall cost of optimized machine is very profitable considering performance and cost of personnel.
- \* Provides visual management.
- \* Provides running hours management.
- \* User friendly.
- \*Process - operation oriented software is available.
- \*Highest speed and constant precision
- \*Easy tool change and maintenance
- \*Works with low noise.
- \*High-level engineering ensures long service life.
- \*A wide variety of moving head options are available.

TECHICAL FEATURES						
MODEL	1616V	1618V	1620V	1622V	2316V	2318V
WORKING AREA	160 CM*160 CM	160 CM*180 CM	160 CM*200 CM	160 CM*220 CM	230 CM*160 CM	230 CM*180 CM
CUTTING SPEED	Vector 1500 mm/s					
HOLE DRILLING	8 pcs/sec					
CUTTING TOOL WORKING HEIGHT	50 mm (Other dimensions can be customized.)					
CALIBRATION AND SOLUTION	±0.1 mm 600 dpi					
PLOT SPEED	95 m 7hours					
FILE FORMAT	HPGL(customizable)					
OPERATION SYSTEM	Windows					
PC INTERFACE	Ethernet / WIFI					
BUFFER SIZE	hard disk drive					
DRIVER SYSTEM	AC Servo Motor System / High Precision Planetary Reducer					
MATERIAL FIXING	Vacuum					
POWER	110V/220V@50-60HZ					
MAXIMUM POWER CONSUMPTION FOR CUTTER ONLY	1,5 KW					
WORK ENVIRONMENT TEMPERATURE	10-45 °C					
SAFETY	Light Curtain Sensor					
MATERIAL AND FUNCTION	MTM Flexible Material Cutting / Milling /Plotting / Marking					
TOOLS	Oscillating blade / Drilling rotary blade / Straight blade with tangent control / Milling / Plotting Tool					
CUTTING SURFACE	Flatbed Pallet / Storage Area / Clearing Area					
POWER CONSUMPTION FOR	7,5 KW / 9KW/112,5 KW (Choose according to user request )					



Meets almost all your daily needs. Our layer cutting system has been tested by 650 users worldwide and all of them are satisfied with the product and service.





## SINGLE-PLY FABRIC CUTTING MACHINE



Cutting Speed	70-120cm/sec
Material thickness	0.5mm-5mm
Available Materials	To 5mm Thickness Cardboard, to 0.75mm Thickness ... (Soft PVC, Fiber
Cutter Head	High Speed Vibrating CNC Cutting Head
Axis Motors	All axes work with Panasonic servo motor and motor drivers
Pen Type	Long-life stylus can be used with the Fisher 3.8" Series.
Pen / Blade Parameters	8 different pen or blade parameter can be used
Paper Fixing System	vacuum system with high drafting power.
Cutting Precision	0.07mm
Supported formats	HPGL, GPGL
Control Panel	2 lines LCD Display and control keypad
Head Conveyor System	High quality transmission and harmony between parts can be achieved through the linear rail system, synchronized gears and band.
Material Transfer System	User-controlled manual and automatic transfer can be made
Energy Requirement	200WAC220±10V50±1Hz
Energy Requirement (Vacuum Motor)	5.5 KW AC 380 ± 10V 50 ± 1Hz
Vacuum Power	5.5 KW



MODELS	TK MKT 2516	TK MKT 2518	TK MKT 2520
Working Area	250 cm x 160 cm	250 cm x 180 cm	250 cm x 200 cm

## MULTIPLE STRIP CUTTING MACHINES

MACHINE CAPACITY	Room 255 cm cutting feature
Cutting Length	LCD Touch screen
2.250mm	automatic sharpening
Cutting Range	Automatic shutdown at job completion
1mm-2.250mm	Multi-measurement feature in one product
Shaft Thickness Range	Zero error cutting feature in dimensions
Max Diameter Width	Max Blade motor speed adjustment between 0-1400 min
400mm	Fabric, size, cutting motors 0-300 min speed adjustment with reducer
Cutting Precision	Grinding motor 0-300min
±0.1mm	400 mm diameter blade
	Fault indication feature
	Speed adjustment feature on all motors



automatic piping strip cutting machine



It has a digital display. It works with circuit protected driver. The blades of the Piping Stripe Cutting Machine must be lubricated. Extremely high quality and standard cut is obtained.

## INTERLINING AND IRONING / AUTOMATIC PRESS MACHINE

It is used in the garment industry for interlining and ironing purposes. The application area is mostly the bonding of trousers, shirts and t-shirt interlinings. Band control and pressure system is pneumatic.

- MODEL: TYK-M-20—TYK-M-40—TYK-M-60
- SIZE: 92X188X128—94X188X128—96X188X128
- WEIGHT: 120 KG—155 KG—250 KG
- ELECTRIC CONTROL: 380 V—380 V—380 V
- POWER: 3 KW—4 KW—5 KW
- CAPACITY: —
- COMPRESSAIR:



electric snapping machine



- \*Km 400
- \*Button Fastening Rivet Fastening
- \*Eyelet Fastening Snap Fastening
- \*Click Snap Fastening
- \*Hook and Eye Fastening
- \*Pants And Boots Hook Fastening

## PNEUMATIC TABLE SAW

DC 900-B speed control pneumatic



Automatic Fabric Spreading Machine



It is suitable for one person to work, it is enough to press the button on the head of the machine for fabric cutting, the head cuts the material and returns.

Ideal for normal type fabrics.





Operating Environment temperature	0C-50°C
Moisture	<90%
Ventilation	Required
Power Voltage	380V ±10%
Power HZ	50HZ
Input power	<18KW
Ground Line	Required
Gas pressure	0.55Mpa 160L/min

**FEATURES**

**HIGH EFFICIENCY MOVING CUTTING HEADS**

The versatile moving cutting head using intelligent Z axis and height control systems reaches 1200mm/s speed, providing much faster cutting than manual cutting. It is powerful and long-lasting with the superior Japanese technology Mitsubishi motors that do not show even millimeter deviations with the metal gear system.

**PRECISE POSITIONING AND CUTTING SYSTEM**

The head unit, equipped with laser technology, allows positioning with an accuracy of 0.1 mm, allowing you to cut accurately and error-free at all times.

**FLEXIBLE AREA OF USE**

You can perform operations such as cutting, drilling, engraving and folding on the same machine with different cutter heads and auxiliary apparatus.

**AUTOMATIC CONVEYOR SYSTEM**

Thanks to the automatic conveyor system, the cutting area can be cleared effortlessly and you can continue cutting in a short time.

The extension of the conveyor band allows simultaneous removal of the cut pieces while the cutting continues without stopping.

**SAFE OPERATION**

It is your employee-friendly business partner that prevents work accidents without incident by ensuring the safety of operators and employees with infrared anti-collision sensors and systems.

**Technical Parameters**

Model	KP-X1725	KP-X2025	KP-X2325	KP-X1733	KP-X2033	KP-X2333
Cut Area, Width	1700*2500mm	2000*2500mm	2300*2500mm	1700*3300mm	2000*3300mm	2300*3300mm
	63" * 98"	75" * 98"	87" * 98"	63" * 130"	75" * 130"	87" * 130"
	The extension of the conveyor band allows simultaneous removal of the cut pieces while the cutting continues without stopping.					
Cut Thickness,	Max. 70mm(Vacuum)					
Materials to be cut	Textile Fabric (Knitted and Woven), Plush toy, Shoe Leather, Sofa Furniture fabrics, Car Seat Fabric, Underwear Bra, Medical fabrics, Composite fabrics, etc.					
Max. Processing speed	60m/min					
Max. Cutting Speed	6-12m/min (depending on material type)					
Cutting Precision	≤ ± 1 mm					
Power	16-25kw					
cut method	up-and- down continuous straight blade					
Software	Developed special automation KP-ACS software					
Language)	Turkish / English and many language support					
Determined Cut	double gear derogatory method					
Air pressure supply	7 KPS					
Max. Speed	4000rpm/min					
Motor/Driver (CNC)	Panasonic servo motors					
Cooling system	Automatic Air cut cooling system					
Control system	KP-ACS Copyright system. Compatible with all CAD systems					
Voltage	AC380V/50HZ(Please provide voltage before order)					
Weight (kgs)	2500	2700	2900	3200	3400	3600
	6180*2800*1500	6180*3100*1500	6180*3400*1500	7780*2800*1600	7780*3100*1500	7780*3400*1500



DANTE SMART HP45 PLOTTER



DANTE ICON HP11 PLOTTER



FEATURES

DANTE inkjet plotter, which is designed to work in harmony with all software, started to be produced in 1997 and was presented to the World Textile Industry.

Thanks to its superior technology, speed, quality materials used in its production and superior engineering, it has never been a problem in the workflow, and today it has become the first choice of companies engaged in the production of ready-made clothing. DANTE inkjet plotter, which provides the opportunity to work seamlessly with all software, is represented by Altın Makina in Turkey. Our company, which has the most experienced and knowledgeable team in Turkey's model room software and hardware, has adopted the principle of providing the best service to its customers in the field of DANTE inkjet plotter with its offices in Bursa, Istanbul, Adana, Mersin, Gaziantep as well as its Izmir head office, and also with its dealer network spread all over Turkey..

DANTE SMART HP11 PLOTTER



2 Roll Paper Insert with 2 Motors



4 Cartridges

Automatic Paper Cutting



Digital Display



Technical specifications

- \* 200-220 cm Fabric Width
- \* 4 pcs HP45 Cartridge Plotter Head
- \* Easy Operation with Digital Display
- \* Double Paper Motor
- \* Capable of Loading 2 Rolls of Paper
- \* Automatic Paper Cutting at the End of Drawing
- \* Ability to Draw with One / Three Cartridges
- \* Multi-User with Network Connection
- \* Low Noise Operation
- \* Drawing Speed of 200 square meters per hour
- \* HPGL and PLT File Formats



CARDBOARD PATTERN CUTTING MACHINE

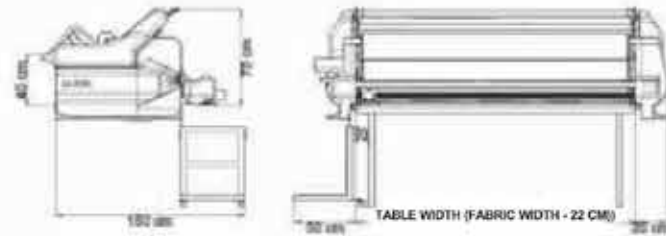




## FULL AUTOMATIC FABRIC SPREADING MACHINE

### FEATURES

- It has the ability to lay the fabric at the desired tension in every part of the marker thanks to the conveyor band, servo motor driven fabric feeding system,
- There is a back lying basket system for fabric loading.
- Automatic tension control can be done.
- It has an easy to use touch screen feature.
- It has programmable marker length and number of plies.
- Precise length control can be done with the electronic measuring system.
- Fabric rewinding can be done in one direction and zigzag spread.
- One-way fabric laying and cutting can be done with the cutting apparatus.
- It provides the opportunity to cut fabric in the zigzag apparatus.
- Automatic marker height adjustment can be made.
- Side edge smoothness can be adjusted through photocell sensors
- It has a safe operator platform feature.
- Ergonomic solid chassis developed for heavy fabrics is available.
- It can be used on more than one table with the transfer table.
- It is guaranteed for 2 years against manufacturing defects.



### TECHNICAL INFORMATION

Standard Roll Diameter	: 50 cm
Standard Roll Weight	: 250 Kg
Standard Spreading Height	: 25 cm
Standard Spreading Width	: 160-240 cm
Zigzag Spreading Height: 16 cm	
Max. Spreading Speed	: 105m/min
General Machine Weight	: 350 Kg
Electrical Requirement	: 220 V 50 Hz 3,5 Kw



## CONTROL MACHINES

### KNIT FABRIC CHECK

All kinds of knitted fabrics (dyed and cam) are tension-free and a smooth winding is obtained by opening the edges with the help of air.

### FEATURES

- It works in the form of wrapping the roll on the roll or on the roll from the shaken fabric.
  - It provides a smooth side wall formation with photocell control.
  - It has sensitive roller feature with automatic tension adjustment.
  - It provides easy use with fabric end stop photocell.
  - There is abraze control with the special purple light in the top lighting.
  - Optional computer assisted data collection and analysis system is available.
- Automatic tension control machine specially designed for full lycra knitted fabrics.

EM 2



### WOVEN FABRIC CONTROL

### FEATURES

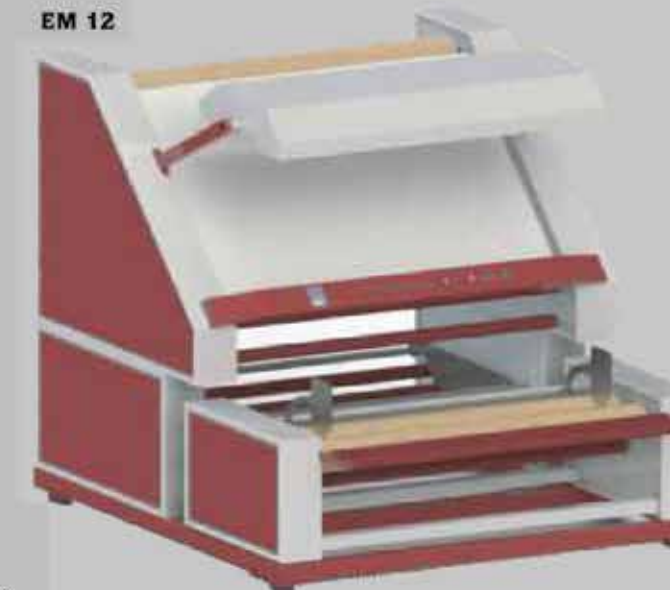
- It provides smooth and fast fabric control with a single operator.
- It has the feature of rolling with smooth edges with the fabric edge control system.
- It has automatic stop feature with fabric end sensor.
- Provides healthy fabric control with top and bottom lights.
- Meter measurement can be made with 0.2% sensitivity.
- Roll or marker fabric input feature and fabric rolling stiffness can be adjusted electronically.
- Manual fabric tension can be adjusted.
- It has an automatic stop feature at the desired length.
- 55 degree inclined control screen is available.
- Easy fabric input feature.
- It has an industrial light control panel.

### TECHNICAL INFORMATION

- Max. Speed: 0-60 m/min
- Fabric Width: 2400 mm
- Max. Roller Diameter : 450 mm
- Max. Roller Weight : 150 kg
- Max. Machine Height: 2500 mm
- Width \* Depth: 2500x2200 mm Machine Weight: 300 kg
- AC Motor Speed Control Drivers: 2 Pcs.
- Electrical Information: 1.5kW/380V/50Hz



EM 12



## FABRIC SHAKING MACHINE



It is a shaking apparatus for dyehouses and for unwinding stretched rolled fabrics. It runs from roll to shaking or from shaking to shaking.

### FEATURES

- It is a shaking apparatus produced for dyehouses and for unwinding stretched rolled fabrics.
- It runs from roll to shaking or from shaking to shaking.

### TECHNICAL INFORMATION

Speed	0-60 m/min
Roll Diameter	500 mm
Fabric Width	1800 mm
Machine Weight	1000kg
Machine Dimensions	2580*2300*1700 mm
Electrical Requirement	220 v 50/60 Hz AC
Power Consumption	3.8 Kw



## SEWING MACHINES



- ✓ New stylish design
- ✓ Excellent sewing quality
- ✓ Ergonomic design, easy-to-use
- ✓ Automatic thread trimming
- ✓ Automatic footlift.
- ✓ Energy-saving Servo motor

### Scope of application

• Shirt, Cloth Pants, T-shirt etc.



D-Drive Electronic Programmed Lock Stitch Bartack (For Medium Material)  
D-Drive Electronic Programmed Lock Stitch Bartack (For Thick Material)  
D-Drive Large Hook Electronic Programmed Lock Stitch Bartack



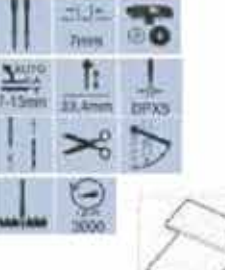
**CLUTCH MOTOR**  
flatbed interlock stitch



**SERVO MOTOR**



D Drive Transverse Shuttle Double needle without needle bar  
D Drive Transverse Shuttle Double needle with needle bar  
D Drive Longitudinal Shuttle Double needle without needle bar  
D Drive Longitudinal Shuttle Double needle without needle bar



D. Drive Electronic Programmed Eyelet buttonhole (for Jacket)  
D. Drive Electronic Programmed Eyelet buttonhole (for Jeans)



4 Thread Overlock Machine  
4-thread Backlatching Overlock Machine  
5 Thread Overlock Machine  
5 Thread Overlock Machine  
4 Thread Electric Thread Trimmer Overlock Machine  
5 Thread Electric Thread Trimmer Overlock Machine



D-Drive Electronic Buttonhole Machine  
D-Drive Electronic Buttonhole Machine (12 cm Frame)



**D-Drive Electronic Programmed Lock Stitch Button Machine (Juki Type)**

## GARMENT EQUIPMENT

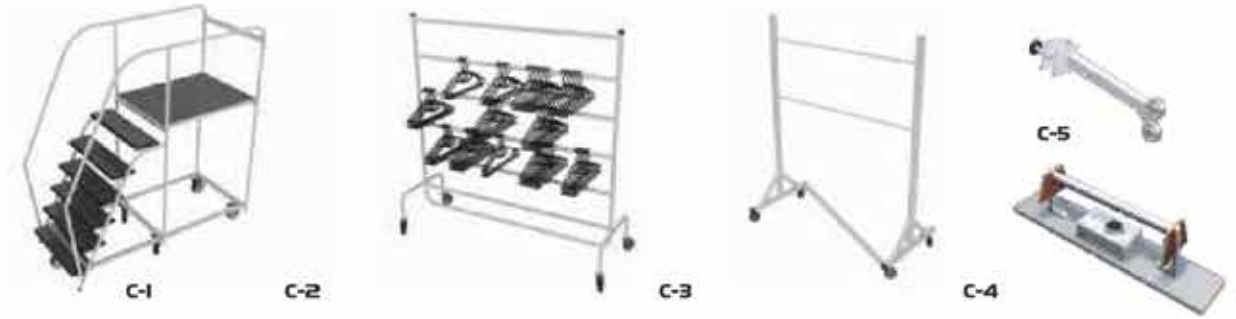
**WIRE BASKET**  
\*\* Production is made in desired dimensions and features.



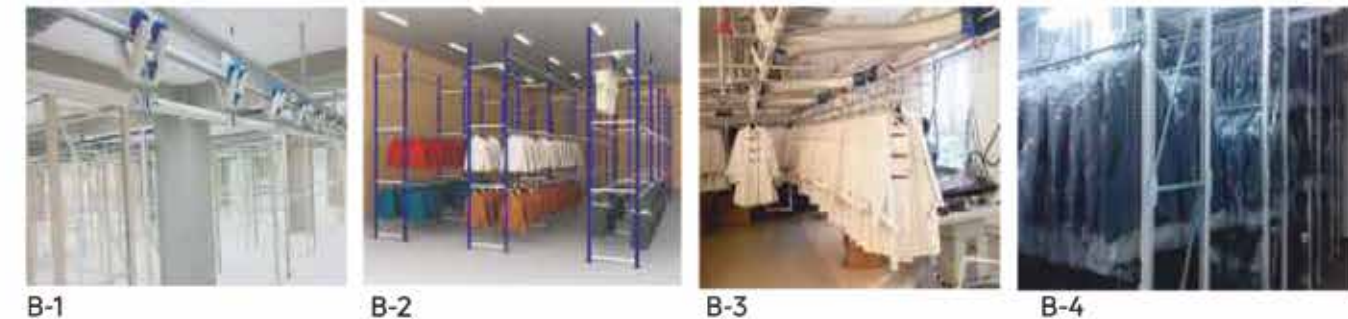
**METAL BOXES**  
\*\* Production is made in desired dimensions and features



**TEXTILE EQUIPMENT**  
\*\* Production is made in desired dimensions and features.



**HANGING SYSTEMS**



- WAREHOUSE RACKING SYSTEMS
- HANGING PIPE STORAGE SYSTEM
- STANDS - TABLES
- QUALITY CONTROL
- BOXES
- TRANSPORT TROLLEYS

### WAREHOUSE RACKING

\*\* Production is made in desired dimensions and features.





## SLAUGHTERHOUSE TABLES AND STANDS

We produce all kinds of models and sizes of tables and stands used in slaughterhouses.

- Spreading Table
- Covered machine table
- Foreman stand
- Machine side T Table

- Table with side cover
- Wheeled tube roll remover
- Z stand



## BAND STANDS



## TRANSPORT TROLLEYS

WAREHOUSE RACKING SYSTEMS  
HANGING PIPE STORAGE SYSTEM  
STANDS - TABLES

QUALITY CONTROL  
BOXES  
TRANSPORT TROLLEYS



## QUALITY CONTROL

\*\* Production is made in desired dimensions and features



Light Booth



Top Illuminated Quality Control Desk (Wheeled)



Beveled Control Desk



Triangle Quality Control Desk



Triple Quality Control Desk

## CUTTING MACHINE MOTORS



PLS-108  
Vertical Cut Scissors (470 W- 5 inch)  
Scissors Vertical Cut (550 W- 8 inch)  
Vertical Cut Scissors (550W-10 inch)

# ALTIN MAKINA

MANUFACTURE SALES SERVICE

SOME OF OUR REFERENCES



www.altinmakina.net



# DesignCad™

**Solutions**  
that will accelerate the production of your company in the  
garment, furniture and automotive industry, and will bring  
profit and professionalism to your company

## DESIGNCAD PATTERN AND CLOTHING PREPARATIONS SYSTEM

- Comfortable and easy-to-use feature under the Microsoft Windows operating system is available.
- Fast and easy grading can be done with hand grading logic.
- Serial copying, proportional and non-proportional grading can be done.
- It provides an average of 9% savings from fabric in your marker layout.
- Through its photodigit module, it provides error-free digitalization in a single operation.
- Seamless pattern exchange can be made in DXF format with all CAD systems.
- All Turkish menu system and automatic backups can be made.
- Technical card creation module is available.
- Unit and order cost calculation module is available.
- It has a company-specific file protection system feature.
- Unlimited training and technical support can be obtained for one year.



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