



CORPORATE

INTRODUCTION FILE

Custom Machinery Design, Manufacturing and Project-Based Engineering Solutions

Special Purpose Machinery

Filling Systems

Test Systems

Conveyors

Cutting & Feeding

Brief Value Proposition

Kirin Mühendislik develops practical machinery solutions for manufacturers that need custom design, flexible production support and project-based engineering capacity.

Konya / Türkiye

Industrial manufacturing ecosystem

Engineering-led

Mechanical design & production follow-up

Project-based

From need analysis to delivery

Why Kirin Mühendislik?

A flexible engineering and manufacturing partner for custom industrial machinery projects.



Engineering in Türkiye + flexible manufacturing network

We combine mechanical engineering capability with the wide and agile manufacturing ecosystem of Konya to develop practical, project-specific machinery solutions.

01 Need-specific solutions

We focus on the actual production need instead of offering a standard machine for every case.

02 Fast decision making

A lean engineering structure enables quick technical evaluation and responsive project communication.

03 Strong manufacturing capability

Project-specific parts and assemblies are supported by Konya's broad supplier and subcontractor network.

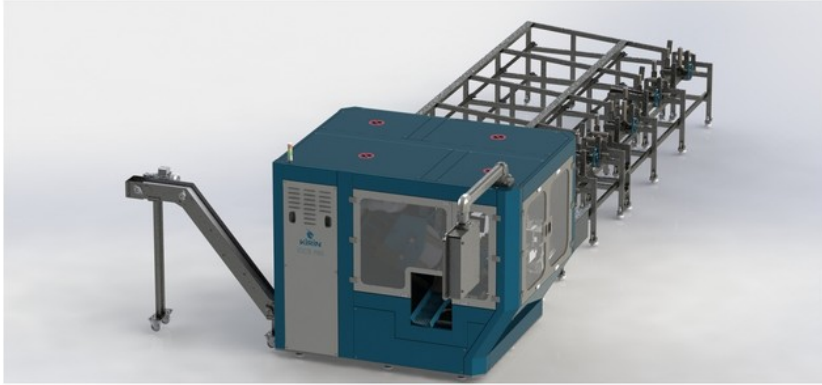
04 Partner-oriented approach

We can support integrators, machine builders and trading companies as a reliable project partner.

Solution areas: Test Systems, Filling & Assembly Lines, Conveyors, Cutting & Feeding

Productizable Solutions

Selected machinery solutions that can be adapted and standardized according to customer needs.

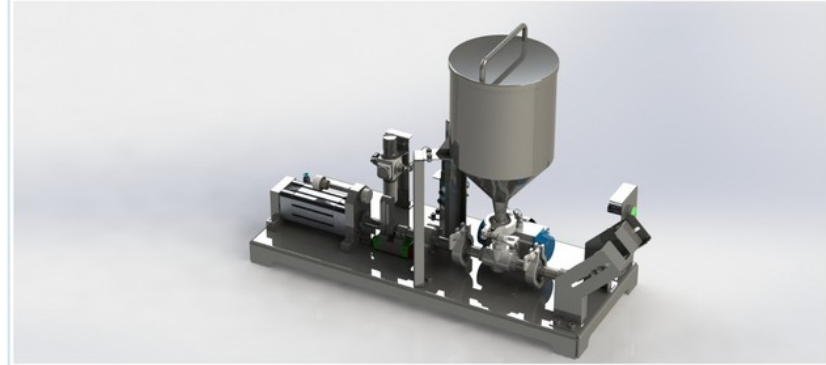


CUTTING & FEEDING

KIRIN CCS 160 Fast Cutting Saw

High-speed circular saw system for profile, pipe and bar cutting operations with automatic feeding support.

- ◆ Cutting capacity: Ø20-Ø160 mm
- ◆ Ø480 x 2.7 TCT saw blade
- ◆ 15 kW main motor
- ◆ 10.1" touch screen
- ◆ 6 m automatic loading magazine



FILLING SYSTEMS

Manual / Semi-Automatic Syringe Filling Unit

Compact, operator-assisted filling solution for viscous and gel-form products.

- ◆ Suitable for gel-form products
- ◆ Compact bench-top design
- ◆ Pneumatic filling group
- ◆ Product tank + dosing unit
- ◆ Project-specific customization

Armaş References | Test Systems

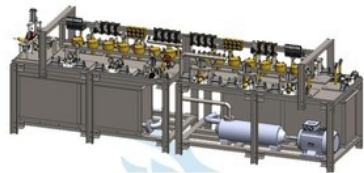
Reference projects with approved customer name usage. Design and field visuals are shown together for clarity.

REFERENCE

Armaş - Pilot Valve Test Machine

Capacity increase: 42 pcs/day -> 120 pcs/day

Design



Field

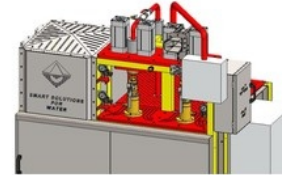


REFERENCE

Armaş - Test & Drain Valve Test Machine

Pressure and leakage testing in line with product standards.

Design



Field



Armaş References | Test Systems

Design and field visuals are kept large to show both the engineering concept and the delivered machine.



REFERENCE

Armaş - Sprinkler Test Machine

Pressure and leakage testing - 2,500 pcs/day capacity.

Design



Field

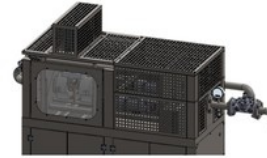


REFERENCE

Armaş - Flow Switch Test Machine

Pressure, leakage, electrical switch and switch assembly control - 130 pcs/day.

Design

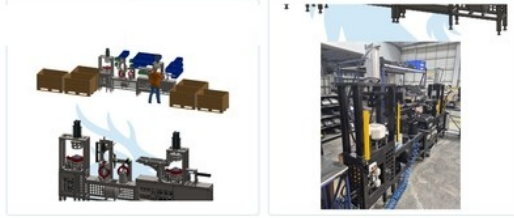


Field



Other References and Application Areas

Selected project examples across assembly, food processing and packaging applications.



ASSEMBLY LINE

Armaş - Butterfly Valve Assembly Line

Assembly process designed to improve production continuity and reduce operator dependency. Capacity: 150 pcs/day.



FOOD / DOSING

Food Sector - Chocolate Depositor Prototype

Prototype with 7 servo motors, dual temperature control, one-shot and ribbon capabilities.



PACKAGING

Horizontal Stretch Wrapping Machine

5 m infeed and 5 m outfeed conveyors, Ø200 mm stretch diameter and 250 mm stretch width.

Manufacturing, Assembly & Automation Capability



Hands-on workshop capability for custom machinery, welded structures, conveyor systems and basic automation.

Project-based manufacturing - from welded structure to assembled machine

Flexible workshop support for prototypes, low-volume production and custom machinery components.



CAPABILITY

Welded Steel Structures

Frame and body structures for machinery projects.



CAPABILITY

Sheet Metal & Frame Assembly

Fabrication, fitting and assembly of custom components.



CAPABILITY

Control Panel & Basic Automation

Operator panel, signal tower, emergency stop and basic control integration.



CAPABILITY

Conveyor & Mechanical Integration

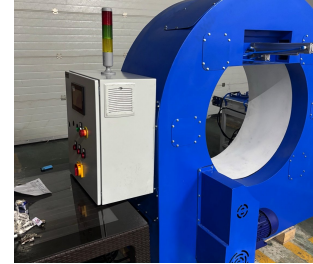
Conveyor systems integrated with special-purpose machinery.

Food-Grade Stainless Steel & Hygienic Design:

We support food-grade stainless steel manufacturing with AISI 304/316 materials, smooth welding practices, hygienic conveyor structures and custom mechanical sub-assemblies. Our team has hands-on engineering background in chocolate enrobing lines, tempering systems and cooling tunnels, giving us a strong understanding of hygienic design requirements in confectionery and bakery machinery.

Recent Project Reference | Conveyor-Based Wrapping Line

Manufacturing and assembly visuals demonstrate delivered machinery and integration quality.



REFERENCE

Horizontal Stretch Wrapping Machine

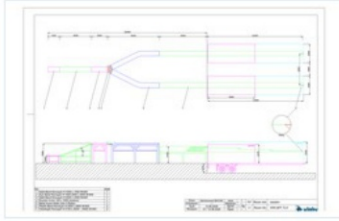
- Conveyor-based infeed and outfeed layout
- Welded steel frame and sheet metal body
- Mechanical ring structure and motion integration
- Control cabinet, signal tower and emergency stop
- Project-based manufacturing and assembly support

Process proof: welded frame -> sheet metal body -> conveyor integration -> panel & basic automation.

Concept and Ongoing Project Studies

Company names are not shown for projects that are at concept, proposal or ongoing development stage.

CONVEYOR



Telescopic Truck / Container Loading Line

Telescopic conveyor based loading layout for truck/container operations.

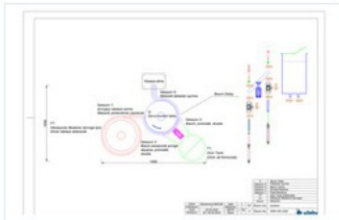
FILLING



Weighing Filling & Cap Closing Line

Integrated concept with infeed conveyor, weighing conveyor, filling, cap feeding and cap closing.

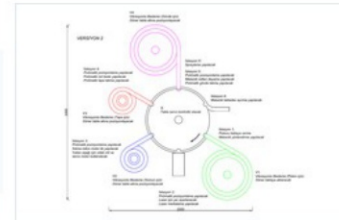
SYRINGE FILLING



Automatic Syringe Filling Concept

Gel-form product tank, syringe feeding, servo table and pneumatic filling group.

ASSEMBLY



Servo-Controlled Syringe Assembly Concept

Multi-station rotary table concept with vibration feeding, tightening, plug insertion and body assembly.

Working Model

A simple project flow designed to make technical scope, responsibility and delivery expectations clear.



01

Need Analysis

Product, capacity, space, process and constraints are clarified.

02

Technical Evaluation

Mechanical concept, process flow and key risks are reviewed.

03

Scope & Offer

A project-specific technical and commercial scope is prepared.

04

Manufacturing & Assembly

and assemblies are produced and followed up.

05

Delivery & Support

Installation, commissioning support and technical follow-up are planned according to scope.

Partnership Approach

Kirin Mühendislik can support manufacturers, system integrators and trading companies as a project-based design and manufacturing partner in Türkiye.



For your next project, let us develop a technical solution.

We provide project-based engineering, design and manufacturing support for custom machinery, test systems, filling systems and production line equipment.

- Share your product and process need
- Send capacity and layout expectations
- Let us evaluate the technical scope
- Receive a project-based proposal

As designed. Exactly as needed.

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