

|
**TECHNOLOGY
FOR CHANGE**
|

**ALTINAY
PRODUCTION
SOLUTIONS**

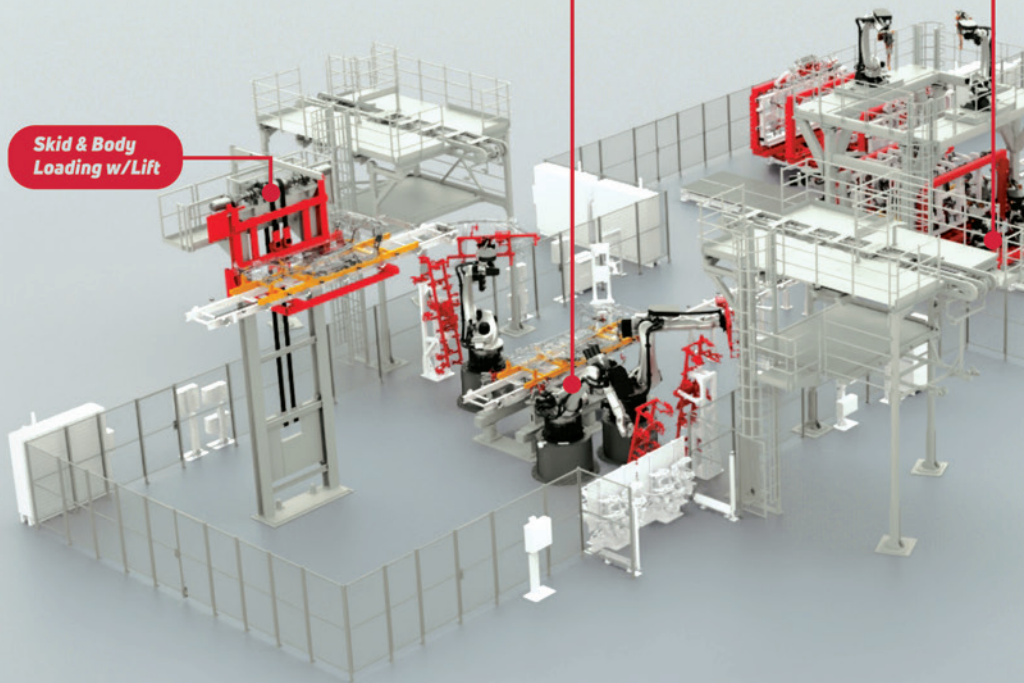
Bodyside Respot

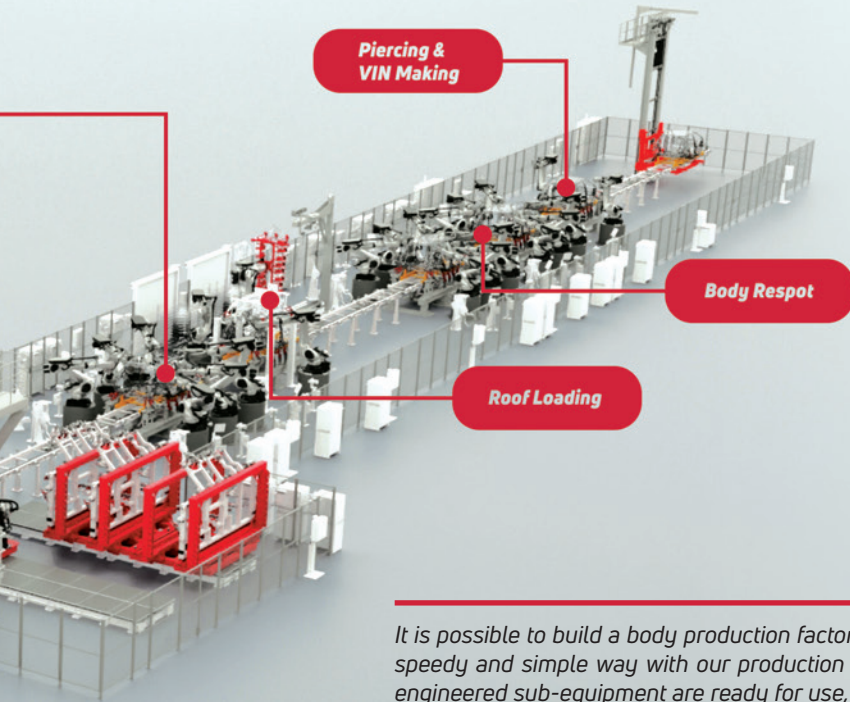
**Bodyside Loading
& Tapping**

Body Framing

**Skid & Body
Loading w/Lift**

**ALTINAY BODY IN WH
PRODUCTION SOLUT**



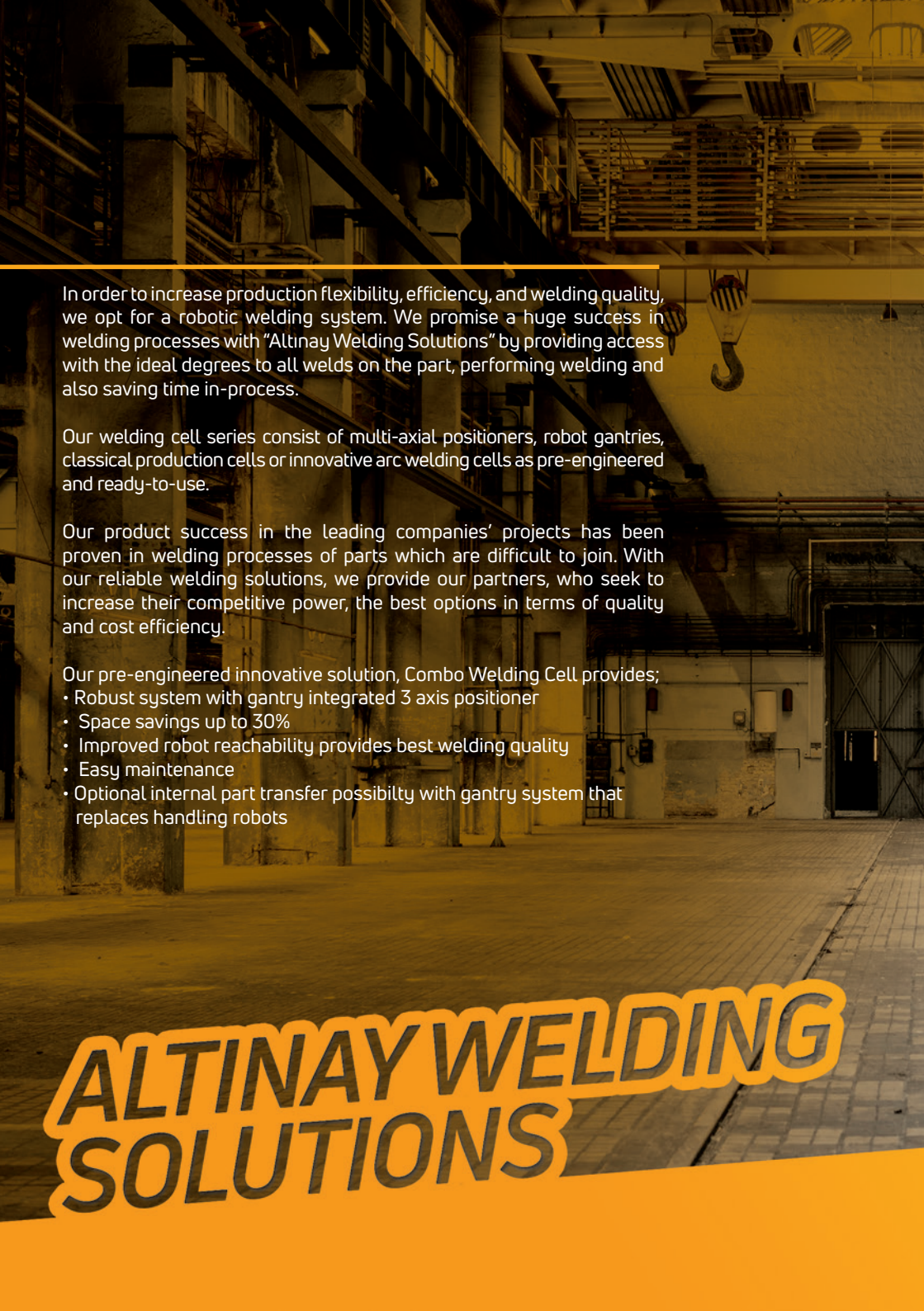


It is possible to build a body production factory from scratch in a speedy and simple way with our production solutions. Our pre-engineered sub-equipment are ready for use, thus we can match them into desired production volume and vehicle type.

Altınay Framing Solution with gate-type fixture technology provides a big advantage in terms of installation and vehicle model changes. As we can build our production line for a single model, we can also design systems that allow 4-8 models of vehicles that can be processed in the body assembly station. Thus, while immediately starting installation works, we can start the detailed fixture designs simultaneously with the vehicle data and so optimize the planning time.

With our wide product portfolio, we provide options that allow various alternatives depending on the line flow. In terms of body assembly process, we design ideal body factories with our products such as skid, roller bed, roller bed with scissor lift, column lift, roller bed with cross transfer / turn table.

WHITE TIONS

The background of the entire page is a photograph of an industrial facility, likely a factory or warehouse, with various structural elements like beams, pipes, and a crane hook visible. A semi-transparent yellow rectangular box covers the upper portion of the image, serving as a backdrop for the first two paragraphs of text.

In order to increase production flexibility, efficiency, and welding quality, we opt for a robotic welding system. We promise a huge success in welding processes with "Altinay Welding Solutions" by providing access with the ideal degrees to all welds on the part, performing welding and also saving time in-process.

Our welding cell series consist of multi-axial positioners, robot gantries, classical production cells or innovative arc welding cells as pre-engineered and ready-to-use.

Our product success in the leading companies' projects has been proven in welding processes of parts which are difficult to join. With our reliable welding solutions, we provide our partners, who seek to increase their competitive power, the best options in terms of quality and cost efficiency.

Our pre-engineered innovative solution, Combo Welding Cell provides;

- Robust system with gantry integrated 3 axis positioner
- Space savings up to 30%
- Improved robot reachability provides best welding quality
- Easy maintenance
- Optional internal part transfer possibility with gantry system that replaces handling robots

ALTINAY WELDING SOLUTIONS

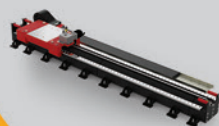
Apollon H TYPE



Apollon V TYPE



TITAN LINE



**Patented Innovative Solution
Combo Welding Cells**



Our logistics solutions provide the transfer of raw materials or semi-finished goods from the first point of entry to the production line within the desired time and frequency, with the optimum route and content. In addition, we ensure the following of the product during the whole process with the installed automation infrastructure.

ASRS

Altinay ASRS solutions operate fully automatic in high speed and accuracy and equipped with computer-controlled warehouse management functions. They provide service in a single or multi halls with maximum material load capacity.

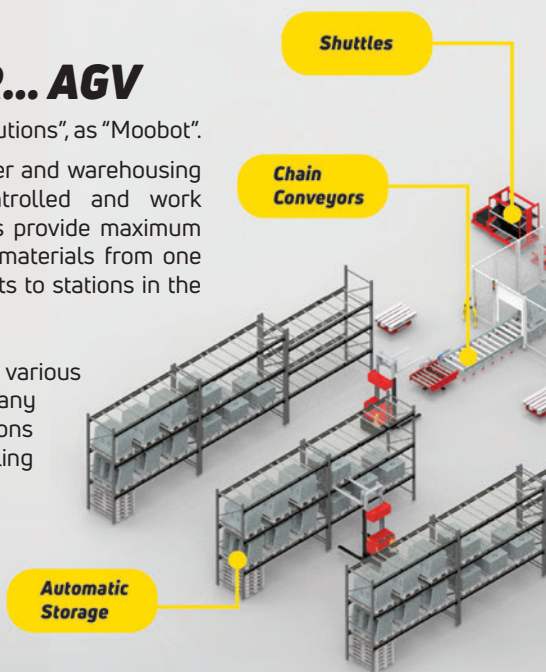
We choose the most suitable storage and transfer methods depending on the material size and property used by our customers. We can develop different variants from semi-automatic/ fully automatic to flexible and smart warehouse.

FASTER AND SMARTER... AGV

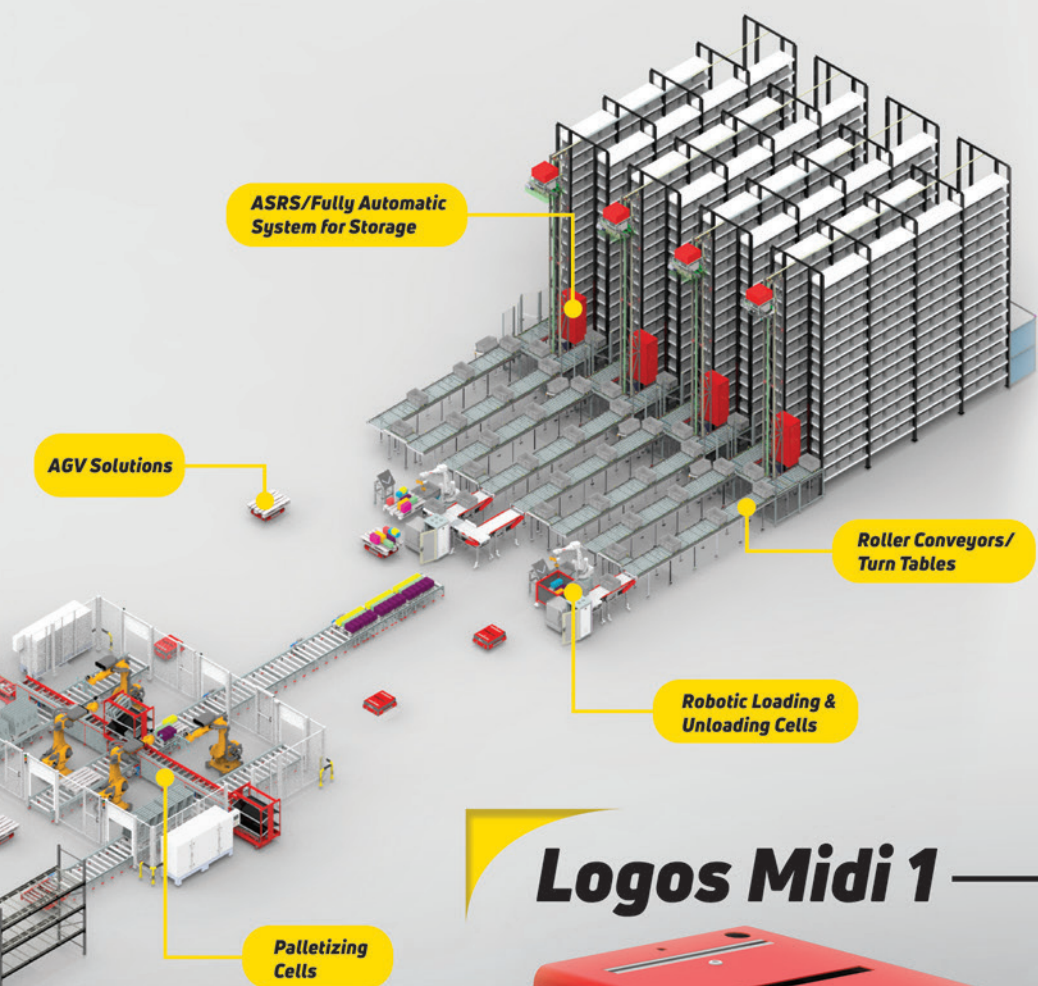
We call our automated guided vehicles, "AGV solutions", as "Moobot".

We design systems that provide ease at transfer and warehousing needs. Our systems which are center-controlled and work "autonomously" without any need of operators provide maximum efficiency in applications such as transferring materials from one point to another, placing them and bringing parts to stations in the assembly line.

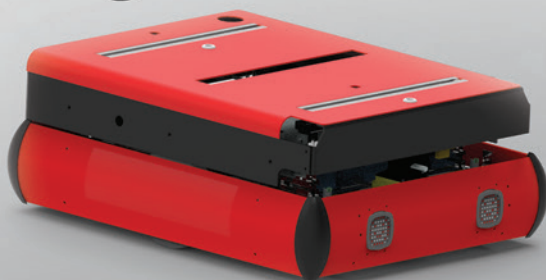
Our AGV systems allow actualization of various applications in a way that does not require any arrangement around the workplace with the options of natural navigation, varying load capacity, pulling or carrying system and transfer with roller bed.



ALTINAY INTRALOGIS SOLUTIONS



Logos Midi 1



STICS

BODY IN WHITE PRODUCTION SOLUTIONS

WELDING SOLUTIONS

INTRALOGISTICS SOLUTIONS

Headquarters & Design Center
ALTINAY ROBOT TECHNOLOGIES
İstanbul Endüstri ve Ticaret
Serbest Bölgesi Aydınlı SB Mah.
Orjin Cad. 10. Sok. K:2/201
Tuzla-İstanbul, Turkey
☎ +90 (216) 581 32

R&D Center
ALTINAY ROBOT TECHNOLOGIES
Aydınlı-İstanbul AYOSB Mah.
2. Sanayi Cad. No. 22
Tuzla-İstanbul, Turkey
☎ +90 (216) 593 25 00

KSM GmbH
Frankfurter Strasse 661,
51145 Köln (Porz-Eil)
☎ +49 (2203) 925 79-0

OLBRICHT Automation GmbH
Max-Planck-Str. 2
46414 Rhede, Germany
☎ +49 (0)2872 80925-0

 **altinay**
Robot Technologies

✉ sales.art@altinay.com
🌐 www.altinay-robot.com
📺 Altinay Robot Teknolojileri
📷 altinayrobotteknolojileri