



TRANSFER CARTS



Welcome to Fada

Battery Powered, Efficient, Innovative,
Movement, Automation

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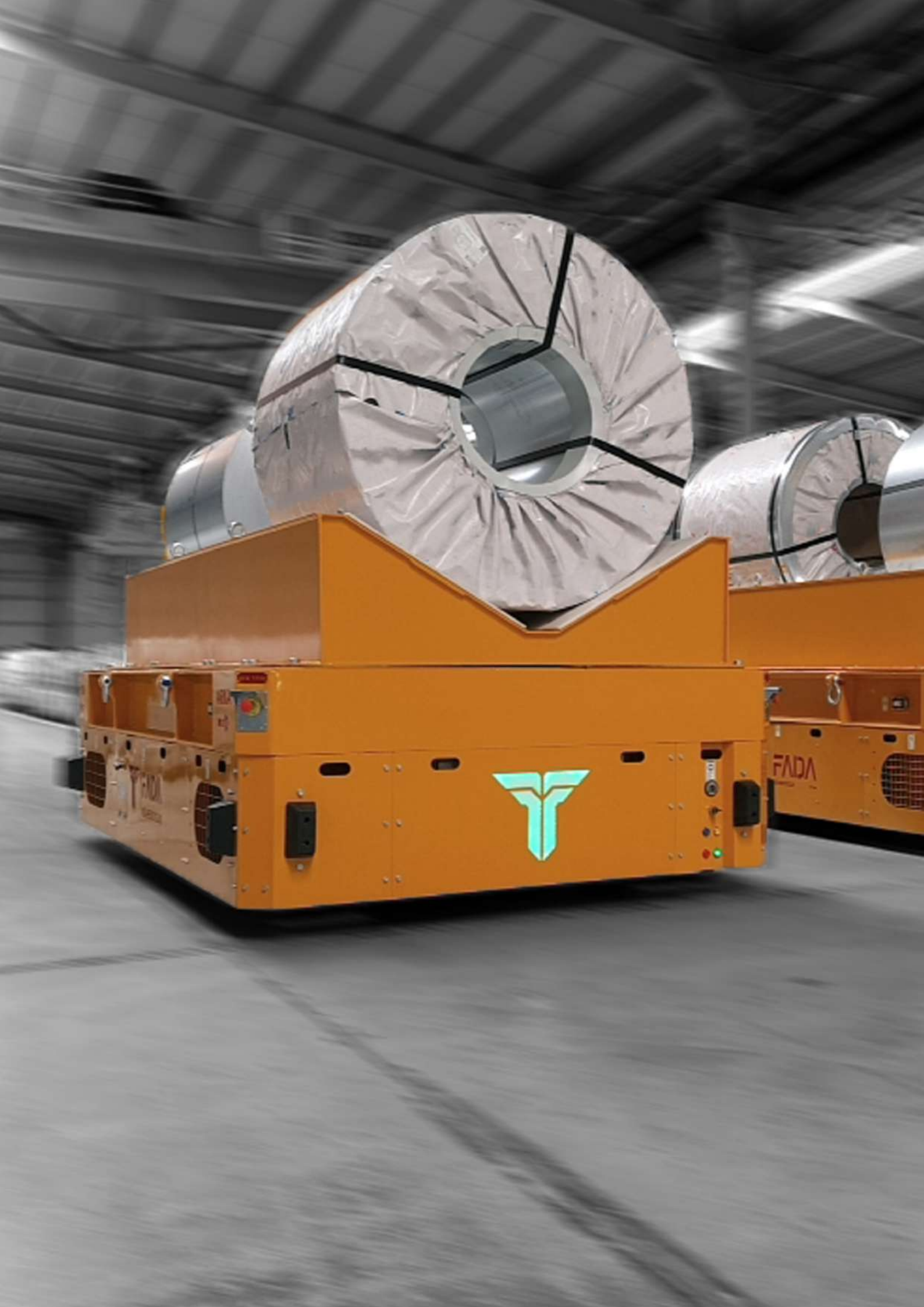
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01



About Fada



01 About Fada

About Us



Many years of experience, complete service and complete customer satisfaction.

FADA Engineering is an engineering and machinery company that carries out various intralogistics projects such as storage, convey, rotation and transfer applications in many areas of the industry, in line with customer demands, and combines past experiences with technology and transfers them to the future.

The main themes of the products and services of Fada Engineering, which determines customer satisfaction as the basic principle, are superior quality and sustainability. Thanks to our dynamic staff with up to 15 years of experience, our suppliers with whom we have long and strong relationships, and our understanding of quality with a perfectionist perspective, we establish long-term and reliable relationships by providing the highest level of service to our customers.

With the passion of being innovation-oriented and creating added value, we work with great devotion to increase the productivity of our customers by producing solutions at international quality standards in all processes, from identifying needs to product delivery.

In the light of these principles, FADA Engineering, by realizing dozens of projects from the past to the present, serves to meet the needs of its customers in many different sectors such as railway industry, defense, foundry industry, energy, iron and steel, aluminum and industrial automation, especially in the automotive and logistics sector.

01 About Fada

Why Fada ?

Passion for R&D and Innovation

We are updating our route with investments, with our innovation-oriented vision; We benefit from all technological opportunities such as Industry 4.0, digitalization, modern technology and the internet of things, and we continue on our way by aiming to be one of the leading companies in the machinery manufacturing and to achieve sustainable growth with our works.

The Perfectionist Perspective

For customer satisfaction, we increase the competencies of our employees, follows national and international standards, protects nature with environmentally friendly products, creates a safe working environment and ensure the continuity by adhering to the principle of "safety first"

Technology and Human

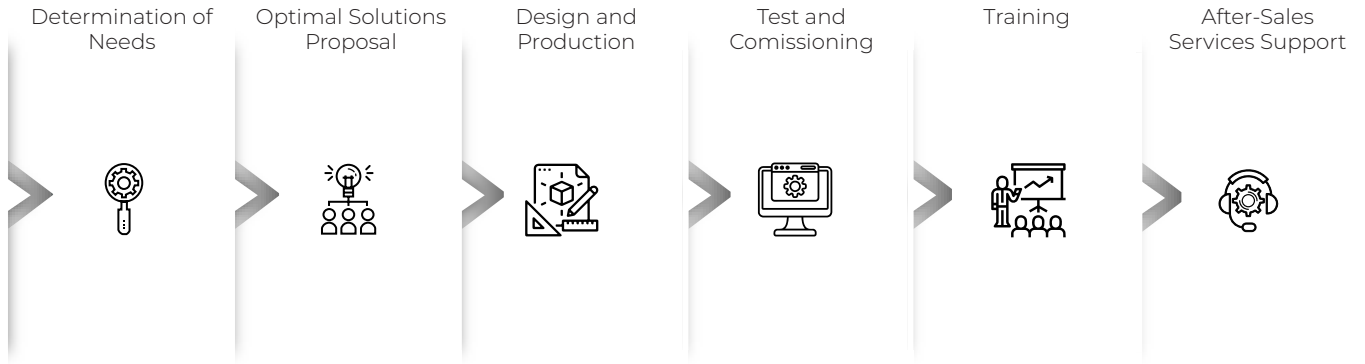
We train and support our employees with a dynamic, innovative and responsible vision that follows the latest technology.

QUALITY



01 About Fada

Work Flow Chart



- 1 Determination of Needs
- 2 Optimal Solution Proposal
- 3 Design and Production
- 4 Test and Commissioning
- 5 Training
- 6 After-Sales Services Support

01 About Fada

Work Flow Chart

1. The Significance of Training:

At Fada Engineering, well-trained employees are crucial for successful industrial transfer cart operation. Training ensures their proficiency in features, functionalities, and safety protocols, enhancing efficiency and promoting a safe work environment.

2. Importance of Test and Commissioning:

At Fada Engineering, Test and Commissioning are vital steps in the manufacturing process. This stage involves meticulous examination and verification of each transfer cart's functionality and performance. Our services aim to identify any potential issues, guarantee optimal performance, and provide customers with reliable and efficient solutions.

3. The Significance of After-Sales Services Support:

At Fada Engineering, we understand that the journey with our customers does not end with the delivery of the transfer carts. After-sales services support is a critical aspect of our commitment to customer satisfaction. Our goal is to ensure that our customers receive unparalleled support and assistance, even after the initial purchase.

4. Design and Production: Crafting Excellence for Customer Satisfaction

At Fada Engineering, we take immense pride in the quality and ingenuity that goes into the design and production of our transfer carts. As a company dedicated to meeting the diverse needs of our customers, we understand that the journey does not end with the delivery of our products. After-sales services support is a critical aspect of our commitment to customer satisfaction, and it all starts with the meticulous process of design and production.

5. Determination of Needs: An Essential Step in Enhancing Customer Satisfaction

At our company, customer satisfaction is our top priority in manufacturing industrial transfer carts. Therefore, we place great importance on the "Determination of Needs" process.

Understanding our customers' needs is a fundamental step in providing them with the most suitable solutions for their operational processes. We work diligently to listen to and comprehend the specific requests and operational requirements of each of our collaborating customers.

6. Optimal Solution Proposal: Customized Transfer Cart Solutions According to Needs

Our company adopts a customer-centric approach in the production of industrial transfer carts. The "Optimal Solution Proposal" process is a crucial step in providing our customers with the best transfer cart solutions that meet their needs.

We begin by understanding our customers' requirements through the "Identification of Customer Needs" process. We carefully assess the business processes, operational demands, and specific requirements of each customer we collaborate with.

**REDUCE
YOUR
CARBON FOOT PRINT
WITH
BATTERY POWERED
TRANSFER CARTS !**



ARGE MERKEZİ

4
MONTAJ

3
MONTAJ

2
MONTAJ

1
MONTAJ



01 About Fada

Industrial Sectors

Fada Engineering, with its design capability, offers high efficiency, low cost, fast and flexible transportation solutions for your industrial load transfer applications.

In this context, from past to present, Coil Handling and Sheet Carriage Trolleys for Iron and Steel Industry and Steel Service Centers; Die Transfer Carts for Automotive, Logistics Industries; Concrete Traverse Transfer Trolleys and Concrete Piece Transfer Carts for Concrete Block Production Sector; Tanker Transport Vehicles, Wagon Transfer Trolleys for Logistics, Railway and Trailer Manufacturing Industries; Wind Turbine and Blade Transfer Carts for the Energy Sector; Transformer Transport Carts, Transformer Transfer Trolleys for Transformer Manufacturing Sector; FADA carries out various studies on Ship Parts Transfer Carts, Yacht and Ship Transport and Transfer Carts for the Shipyard Industry.



AND MANY OTHERS...

01 About Fada

Our Numbers

15⁺

Industries Served

220⁺

Client Served

60⁺

Highly Experienced Staff

3500⁺

Indoor Production
Facilities

4-6[€]
million

Annual Sales

700⁺

Project



01 About Fada

They Trusted Us

 TIRSAN

 armtek
ELEKTRİK

 ENPAY
Transformer Components

 TOSÇELİK TOYOTETSU

 ünallar
METAL

 CEMTAS

 TATMETAL

 TEKNOSER

 耀王企業股份有限公司
HWE WANG ENTERPRISES INC.

 arçelik

 TURASAS

 ASAŞ

 Kässbohrer

 VOLT electric
motors

 TELOS
Smart Automation Solutions

 SCHMITZ
Cargobull

 talson
TRAILER

 RST

 YCONOX

 NORBO

 COIM

 GUIDA
COIL PROCESSING EQUIPMENT

 ENTRA

 PREZEZZI
EXTRUSION

 BMC

 Ford
FORD OTOSAN

 KUZEY STAR
SHIPYARD

 ALFA
SOLAR ENERJİ

 Hasçelik

 AssanAlüminyum

 HiCRi ERCİLi

 Kibar



1111

PERICOLO
PERICOLO
PERICOLO

TEMLICE
VĚSTVA OHLAVENÍ
VĚSTVA OHLAVENÍ
VĚSTVA OHLAVENÍ

NEBO
MACHINARI
VĚSTVA OHLAVENÍ

FADA MAX. 35 TON

02



Our Portfolio

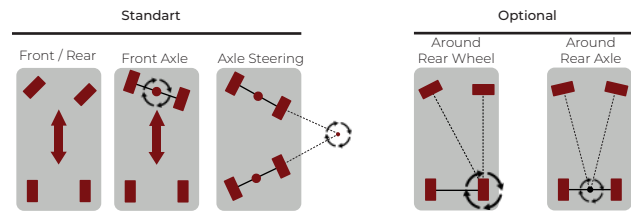
02 Our Portfolio

FRONT WHEEL STEERING TRANSFER CART (FTC)



- Remote and Autonomous Control
- Ergonomic Design
- Anti-collision Safety System
- Hydraulic Lifting Systems (Optional)
- Rotating Systems (Optional)

- Customized Top Platform Design for the Load
- Wheel Options Suitable for Ground



Technical Data

Capacity	5 tons to 250 tons	Power Source	Battery / Diesel
Speed	Up to 30m/min	Motors	PMAC / AC High Efficiency Motors
Steering	Front Wheel Steering	Loading Table	On Request
Wheel Type	Rubber / Polyurethane	Security	Laser and Ultrasonic sensors, bumpers
Control	Remote Control / Autonomous	Dimensions	On Request

Certification

- OHS Regulations
- EN Standards
- CE Certificated



02 Our Portfolio

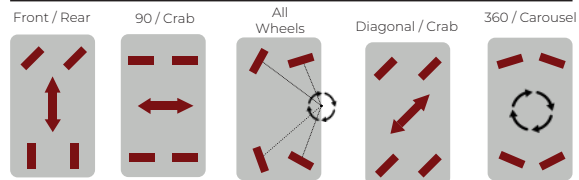
MULTIDIRECTIONAL STEERING TRANSFER CART (MTC)



- Remote and Autonomous Control
- Ergonomic Design
- Anti-collision Safety System
- Hydraulic Lifting Systems (Optional)
- Rotating Systems (Optional)

- Customized Top Platform Design for the Load
- Wheel Options Suitable for Ground

Standart



Technical Data

Capacity	5 tons to 250 tons	Power Source	Battery / Diesel
Speed	Up to 30m/min	Motors	PMAC / AC High Efficiency Motors
Steering	All-Wheel Steering	Loading Table	On Request
Wheel Type	Rubber / Polyurethane	Security	Laser and Ultrasonic sensors, bumpers
Control	Remote Control / Autonomous	Dimensions	On Request
Certification	- OHS Regulations - EN Standards - CE Certificated	Movements	360° rotation (Carousel) and crab movement (horizontal and diagonal movements)



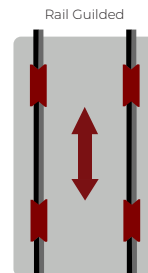
02 Our Portfolio

RAIL TRANSFER CART (RTC)



- Remote Control
- Ergonomic Design
- Anti-collision Safety System
- Hydraulic Lifting Systems (Optional)
- Rotating Systems (Optional)

- Customized Top Platform Design for the Load
- Wheel Options Suitable for Ground



Techinal Data

Capacity	1 tons to 250 tons	Power Source	Spring Drum, Bus-Bar, Cable Carrier, Battery, Diesel
Speed	Up to 60m/min	Motors	AC / DC Electric Motor, Hydraulic / Pneumatic Actuator
Steering	All-Wheel Steering	Loading Table	On Request
Wheel Type	Steel / Casting Wheel	Security	Laser and Ultrasonic sensors, bumpers
Control	Remote Control / Autonomous	Dimensions	On Request

Certification

- OHS Regulations
- EN Standards
- CE Certificated



03



Control and Safety Systems

03 Control and Safety Systems

Control Systems

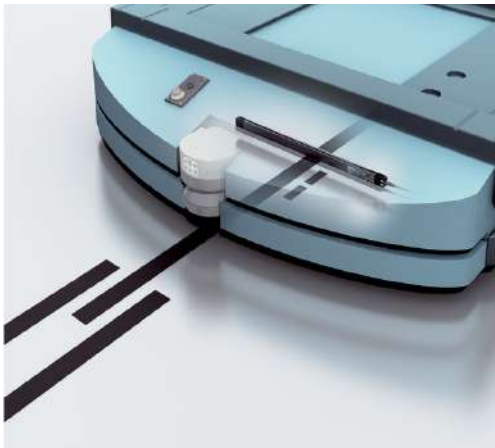
Remote, MTC,
Natural Navigation

Industrial transfer carts are often used for moving heavy loads and the four control systems mentioned allow for the use of these carts in various circumstances and different conditions.

1- Remote Control: This control system allows an operator to control the transfer cart from a certain distance. The remote control is an important safety feature, especially when working in hazardous or hard-to-reach areas. It is useful in situations that require the operator to be near the cart.

2- Magnetic Track Guided: Magnetic track guided allows a transfer cart to move automatically on a specific path. This system is often used for transfer carts that move regularly on a specific route in factories or warehouses. The cart proceeds on the route where magnetic tapes are placed and follows this tape.

3- Natural Navigation: The natural navigation control system allows the transfer cart to operate on its own, without the need for human intervention. These systems typically use sensors, artificial intelligence, and machine learning technologies to make the cart interact with its environment. Autonomous control systems can follow complex routes and automatically respond to various obstacles.



Our Partners :





03 Systems

Safety Systems

Laser Scanner, Ultrasonic Sensor, Bumper

Laser Scanner: Laser scanners are sensors used to provide safety measures for industrial transfer carts. They use laser beams to continuously scan their surroundings and detect objects in the environment. By performing these scans, they can identify obstacles around the cart and minimize the risk of collisions. If an obstacle is detected, the system may reduce the cart's speed, bring it to a stop, or alert the operator. This provides an important safety layer for protecting workers and preventing damage to goods.

Ultrasonic Sensor: Ultrasonic sensors are another safety system used for distance and obstacle detection in industrial transfer carts. These sensors emit sound waves to measure distances and prevent potential collisions. The sensors send out ultrasonic waves, and by measuring the time taken for the waves to bounce back after hitting an object, they can determine the distance to nearby objects. This information can be used to automatically slow down or stop the cart to prevent collisions.

Bumper: Industrial transfer carts are typically equipped with bumpers at their front and rear. These bumpers serve to cushion the impact in case of a collision, reducing the risk of damage to both the cart and the surrounding materials. Considering that transfer carts can potentially be hazardous even at low speeds, bumpers help mitigate the effects of such collisions.

These safety systems are used to ensure worker safety and protect equipment during the operations of industrial transfer carts. Thanks to automation and sensor technologies, these vehicles can perceive environmental factors more accurately and minimize collision risks, creating a safer working environment.



Our Partners :





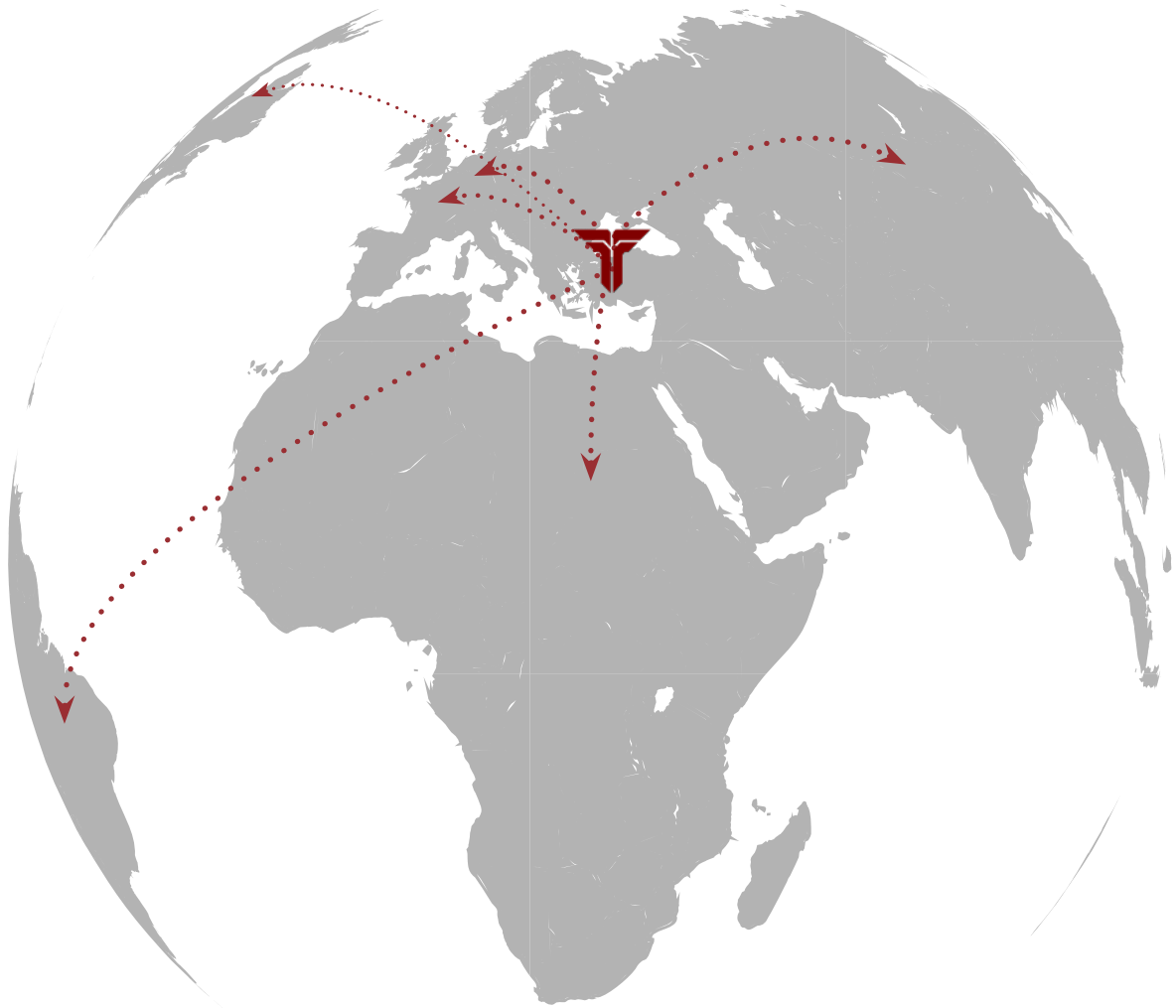
After-Sales Support

After-sales support is crucial to ensure the continuous and effective operation of industrial transfer cars. This service includes various maintenance services, part replacements, technical support, and training.





“Fada Engineering is Expanding Globally.”





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