ADC,
IT’S ALSO:

1. Process overhead crane
2. Overhead crane
3. Jib crane
4. Dock lifting platform
5. Lifting table
6. Mobile lifting table
7. Gantry crane
8. Monorail tubular system
9. Light crane system
10. Steelworks
11. Services, maintenance, spare parts, modernization

ADC
FAYAT GROUP

Rue Marcel Beau
CS20069 - 79201 PARTHENAY Cedex
Tel. : +33 (0) 5 49 64 48 22
Fax : +33 (0) 5 49 64 18 99
www.adc.fr . adc@adc.fr
From design to on-site installation: a turnkey service!

R&D
The ADC advanced R&D teams study, develop and optimize standard-range or customized solutions that will meet your requirements. Entirely dedicated to the design of cutting-edge products, ADC is a major actor in the development of operational lifting & handling solutions worldwide.

MANUFACTURING
For more than 60 years ADC has been providing a strong expertise in the manufacturing of lifting equipment. As a subsidiary of the worldwide leader FAYAT GROUP, ADC is ISO 9001 certified. Extra-special attention is paid to quality, service and reliability at each step of the process from the engineering, purchasing and assembly phases to the testing and final approval.

INSTALLATION & STARTING UP
In order to provide you with a 100% turnkey solution, ADC teams of experts organize the delivery, on-site installation, starting up and testing of your equipment for your optimum satisfaction.

MAINTENANCE
Complete service from A to Z! ADC is at your disposal and provides you with a team specially dedicated to the constant maintenance of your lifting equipment: lifting platforms, overhead cranes, hoists, etc.

Range of overhead cranes
ADC is a well-known French manufacturer of handling and lifting solutions, largely recognized over the last 60 years.

Our product development policy: reducing the cost of ownership of your equipment by improving ROBUSTNESS and RELIABILITY.

Our long-term experience enables us to offer you a wide range of overhead cranes perfectly fitting your requirements:

**Single girder cranes**
for regular and low-constraining uses.

**Underslung overhead cranes**
offering optimized hook approaches.

**Double girder cranes**
for heavy loads and increased lifting heights.

**Process cranes**
designed to meet any cases.
### SINGLE GIRDER CRANES

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<th>SPAN (m)</th>
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### SINGLE GIRDER UNDERSLUNG CRANES

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### DOUBLE GIRDER CRANES

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### GANTRY & SEMI-GANTRY CRANES

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**Our commitment: durability & sturdyness of your equipment**

As part of their permanent quest for reliability and robustness, ADC teams always improve the durability of their overhead cranes subject to repeated stresses by integrating, from the design, the concept of strain calculation. The goal is twofold:

- Reduce the risk of weld cracking by avoiding stress concentrations. Design validated by finite elements calculation.
- Permanently control the tension in the bolted assemblies to avoid the risk of loosening by creep.

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**Make the choice of a tailor-made equipment!**

**CUSTOMIZATION**
- Adaptation to specific environment
- Bogie-type end-carriages
- Special girder design
- Tandem / cranes synchronization
- Strip doors crossing system
- A variety of long travel speeds
- Customization for specific process
- Working area automated management
- Maintenance walkway

**OPTIONS**
- Anti-collision system
- Crab guiding wheels
- Overhead crane guiding wheels
- Rail contact brushes
- Caps on gearmotors and electrical cabinet
- Oil collecting tray
- Protection against radiant heaters
- Specific painting system
- Working load display
- Dual-speed motorization
- Load anti-swinging system
- Control panel
- LED lighting

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**FORGED WHEEL**
Forged and machined wheels made of special wear limiting steel, thus guaranteeing the robustness of your sub-assembly.

**SINGLE CABINET**
Single electrical cabinet: efficiency and security for your staff.

**GIRDER CONNECTION**
Girder squared and designed for a better geometry, guarantee of reliability and robustness.

**DIRECT DRIVE**
Better efficiency of the kinematic chain, guarantee of performance.
**RANGE OF OVERHEAD CRANES**

**GIRDERS DESIGNS**
- Adaptation of the crane to your building
- Optimized lifting height
- Numerous designs available

**TYPES OF GIRDERS**
- Welded box
- Profile

All our girders are workshop-squared to guarantee a good geometry at the time of site installation.

**RANGE OF HOISTS**
- Wire rope hoists
- Chain hoists from 125kg to 5t

**END-CARRIAGES**
- Welded frame: better control of geometry and absence of mechanical distortion
- Optimized design: facilitates wheels replacement
- Multifunction support: adapted to any cases and options

**END-CARRIAGE/BEAM CONNECTION**
- Precise squaring with shearing dowel pins: limits wheels wear
- Assembly thought out to avoid loosening: a guarantee of reliability and security
- Shearing dowel pins: guarantee the geometry of the crane during its whole service life

**BOX-TYPE LONG-TRAVEL WHEELS SUB-ASSEMBLY**
- Forged and machined wheels made of special steel: reduces wear
- Double row spherical roller bearings: optimizes the service life
- Housings made of cast iron or steel: warranties robustness

**SINGLE CABINET**
- Electrical equipment grouped: simplified maintenance
- Optimized wiring harness: enhanced reliability

**LONG-TRAVEL GEARMOTOR**
- Direct drive floating mount: eliminates misalignment
- Variable speed: brings flexibility of use and limits the dangling
- Plug-in socket: for easier maintenance

**POSSIBLE CONTROL SYSTEMS**
- Movable pendant control station
- Radio remote control
- Spare pendant control station
- Control panel

Several speeds available on horizontal travels, driven by speed controller: 20/30/40 m/min.

Classification: 3m according to FEM Standard / M6 according to ISO Standard.