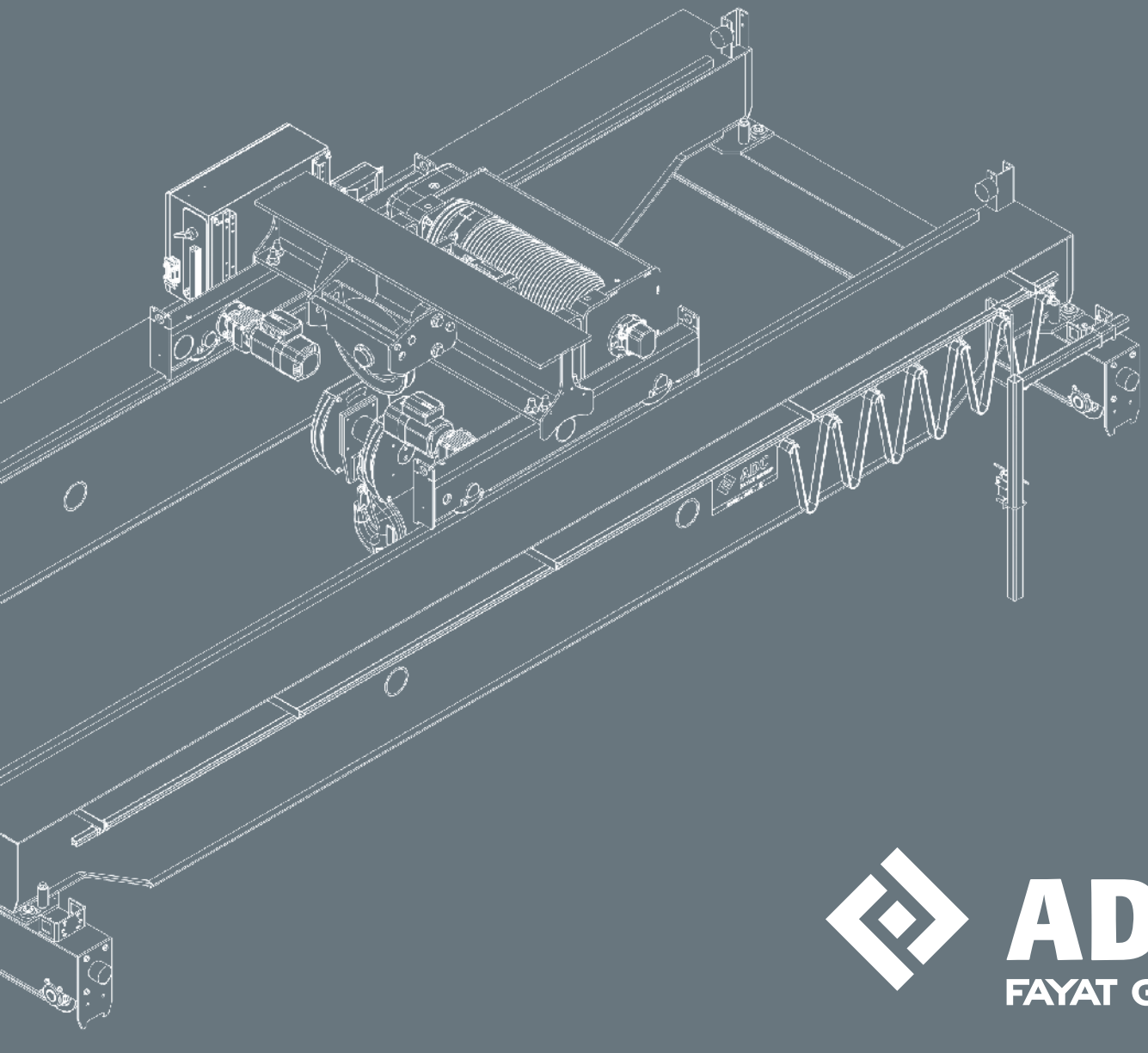


ADC
FAYAT GROUP

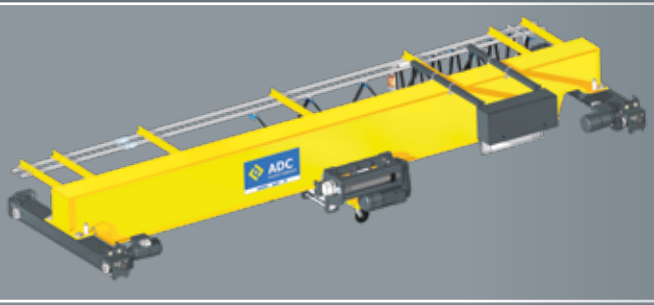
OVERHEAD CRANES

Range of overhead cranes

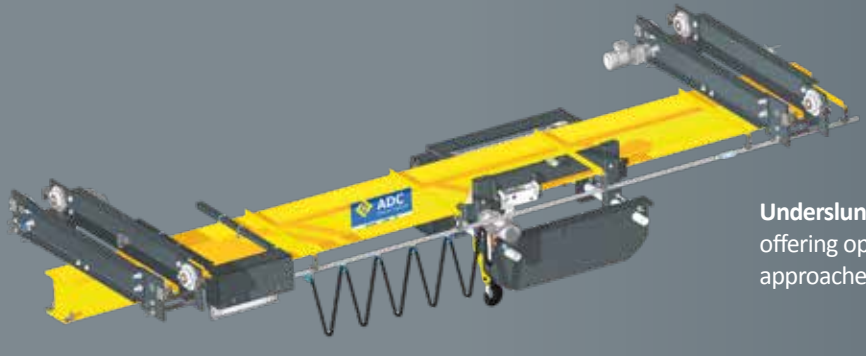
ADC is a well-known French manufacturer of handling and lifting solutions, largely recognized over the last 60 years.

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 :



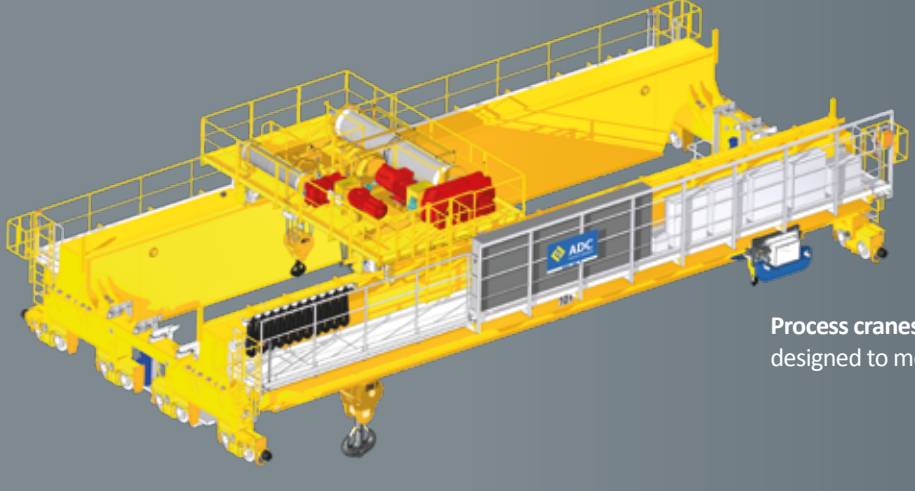
Single girder cranes
for regular and low-constraining uses.



Underslung overhead cranes
offering optimized hook approaches.



Double girder cranes
for heavy loads and increased lifting heights.



Process cranes
designed to meet any cases.

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

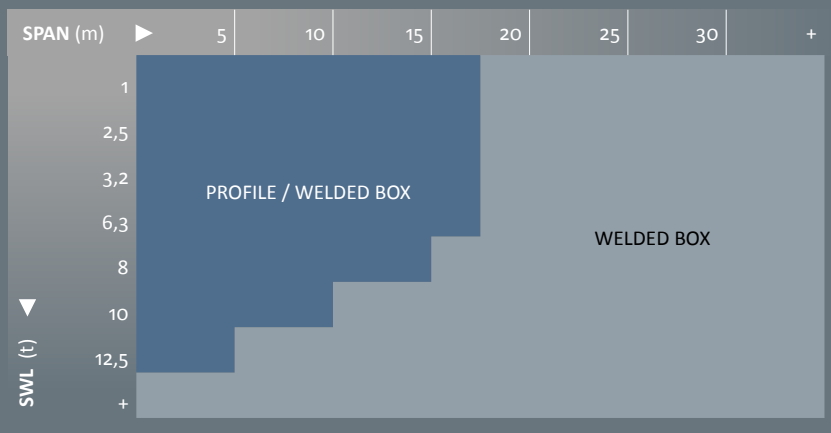
In order to provide you with a 100% turnkey solution, ADC teams of experts organize the delivery, on-site installation, starting up and testing of your equipment for your optimum satisfaction.

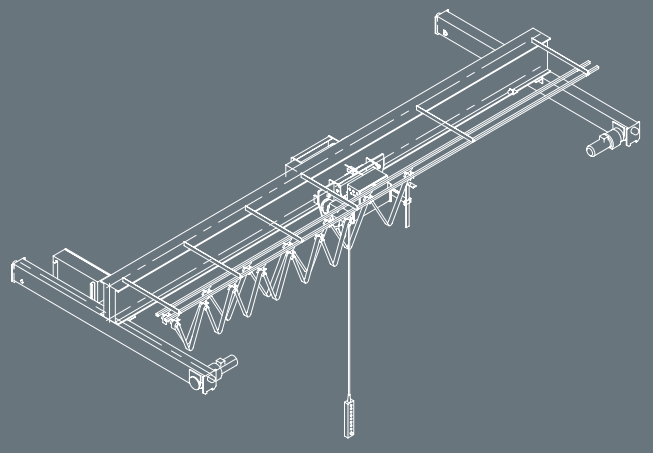
MAINTENANCE

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.

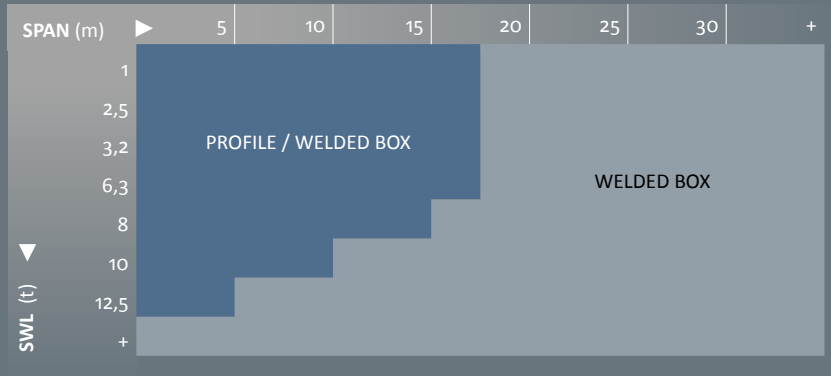


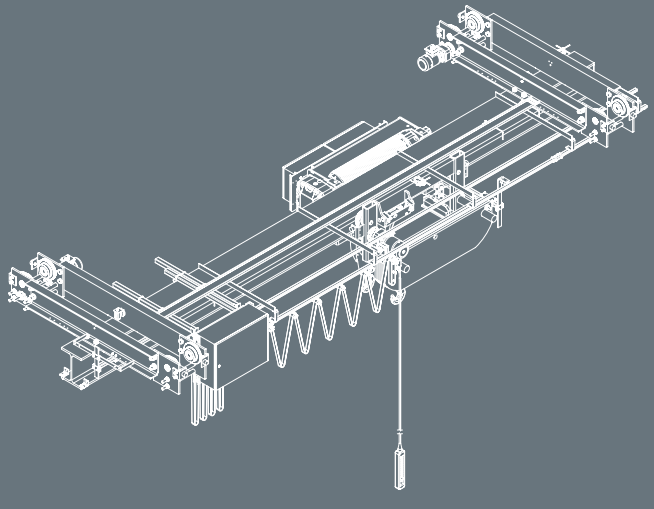
SINGLE GIRDER CRANES



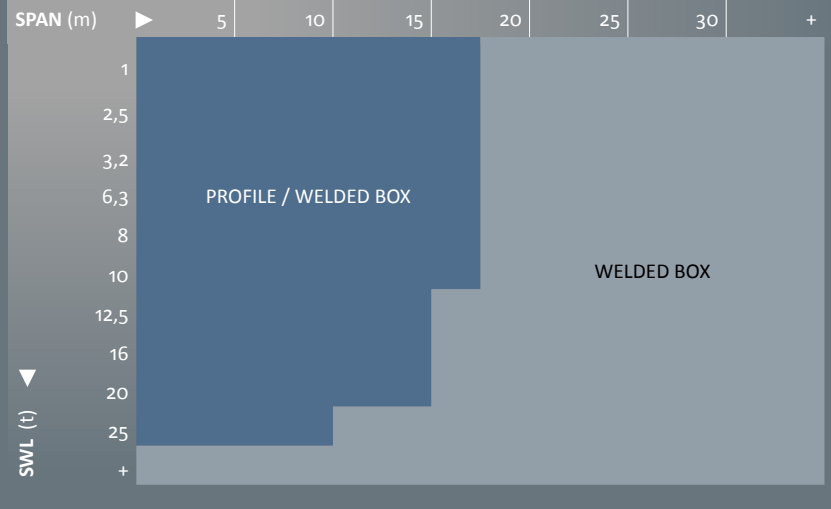


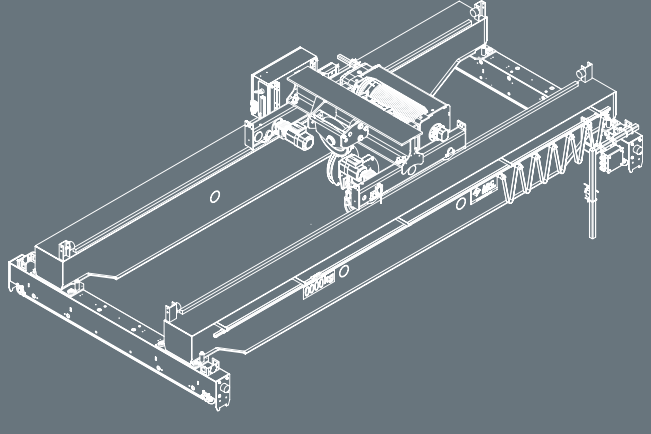
SINGLE GIRDER UNDERSLUNG CRANES



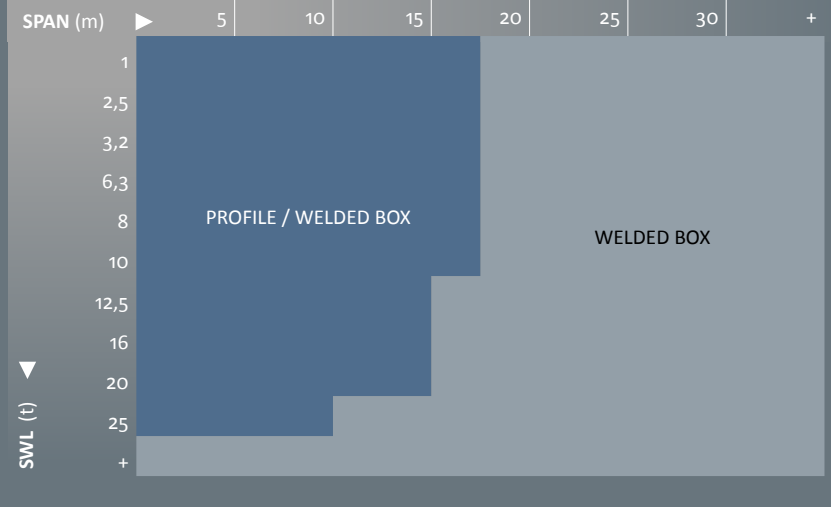


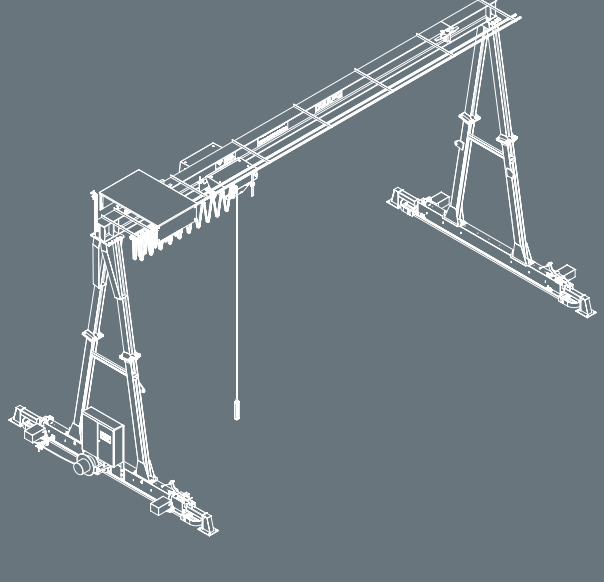
DOUBLE GIRDER CRANES





GANTRY & SEMI-GANTRY CRANES





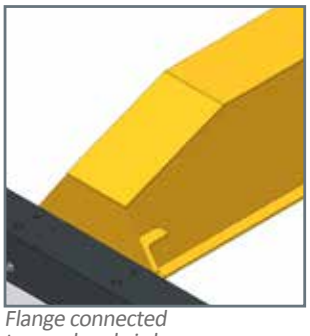
RANGE OF OVERHEAD CRANES

GIRDERS DESIGNS

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



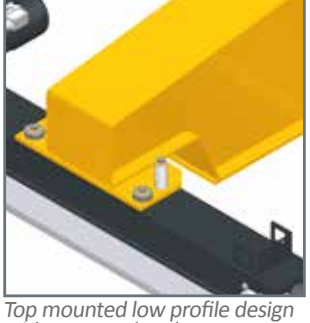
Top mounted



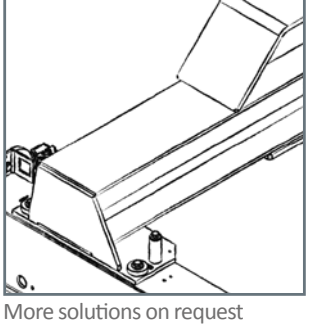
Flange connected tapered end girder



Top mounted raised girder with a tapered end



Top mounted low profile design with a tapered end

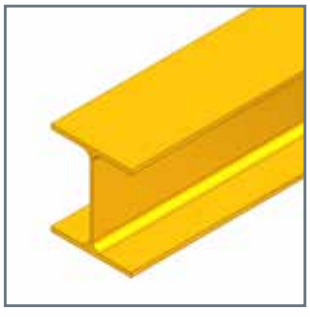


More solutions on request

TYPES OF GIRDERS



Welded box



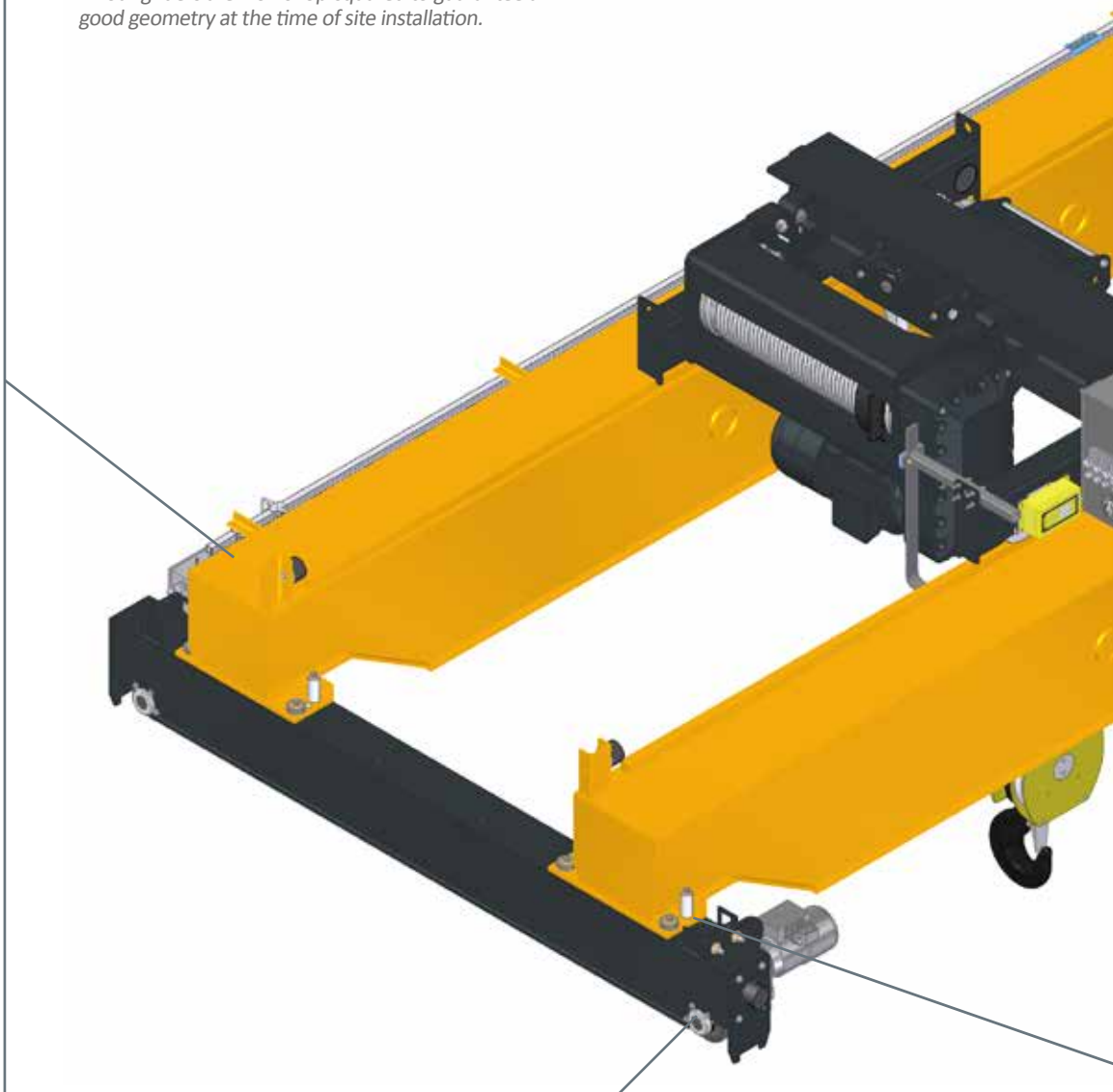
Profile

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

RANGE OF HOISTS

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

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

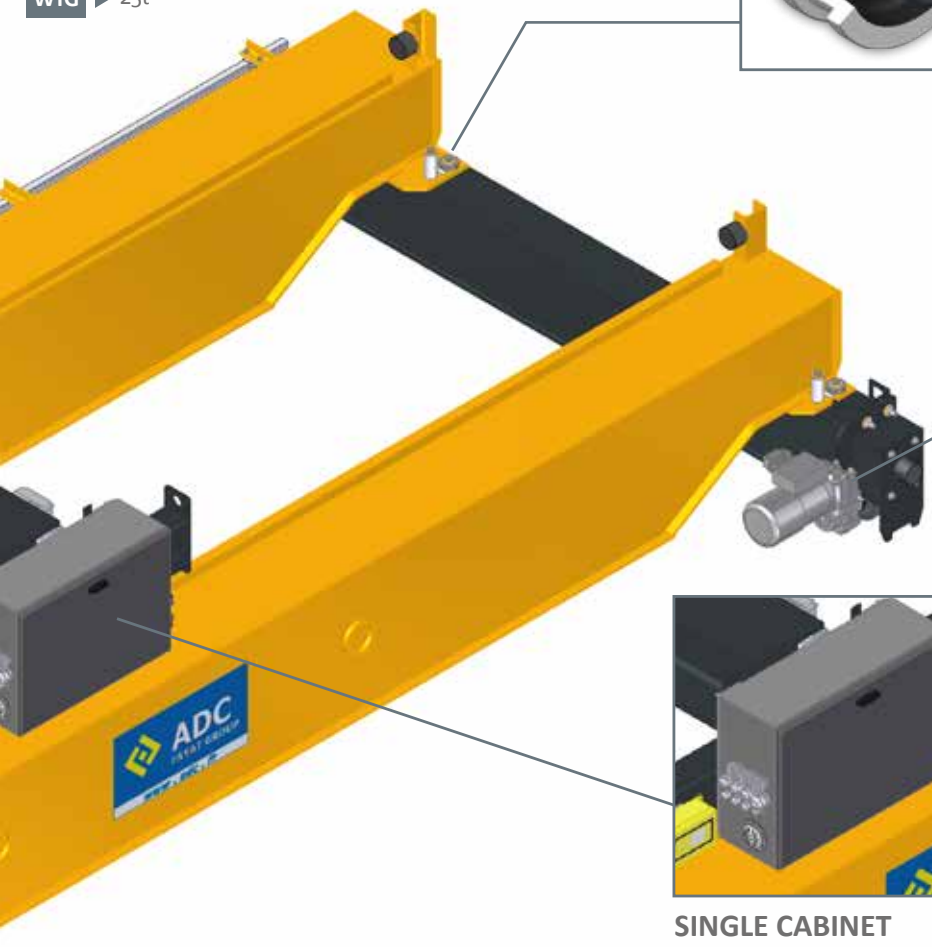
Wire rope hoists

TE	▶ 3.2t	TH	▶ 25t
TF	▶ 6.3t	WTH	▶ 50t
TG	▶ 12.5t	TJ	▶ 80t
WTG	▶ 25t		



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





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

SINGLE CABINET

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



END-CARRIAGE/BEAM CONNECTION

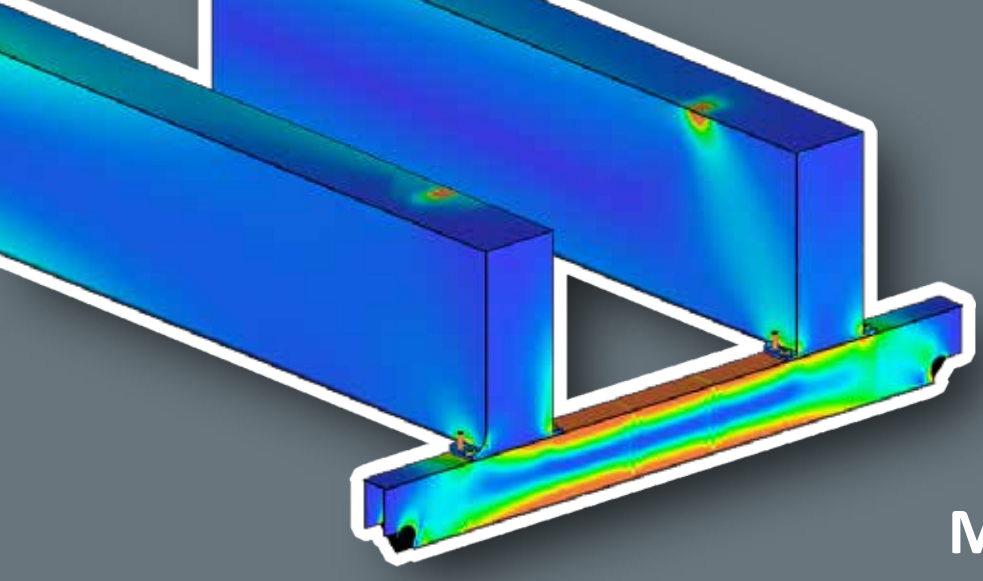
- Precise squaring with shearing dowel pins : limits wheels wear
- Assembly thought out to avoid loosening : a guarantee of reliability and security
- Shearing dowel pins : guarantee the geometry of the crane during its whole service life

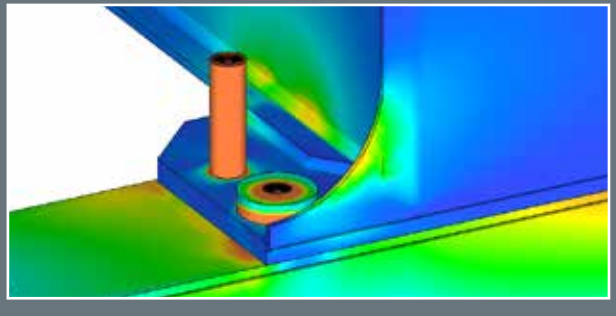


POSSIBLE CONTROL SYSTEMS

- Movable pendant control station
- Radio remote control
- Spare pendant control station
- Control panel

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





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.

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-speel motorization
- Load anti-swinging system
- Control panel
- LED lighting

FW

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

SC

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

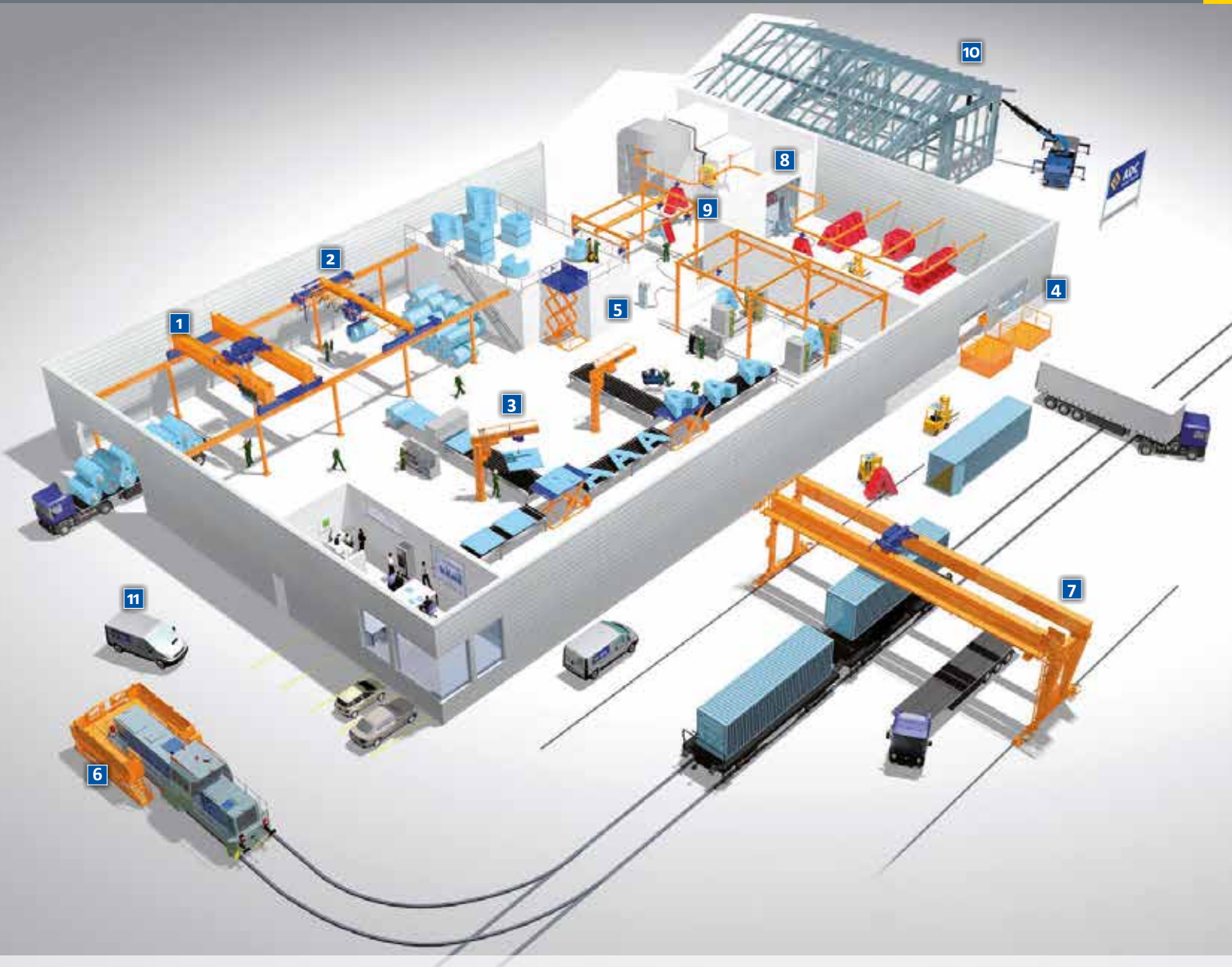
GC

GIRDER CONNECTION
Girder squared and designed for a better geometry, guarantee of **RELIABILITY** and **ROBUSTNESS**.

DRD

DIRECT DRIVE
Better efficiency of the kinematic chain, guarantee of **PERFORMANCE**.

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
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