



since 1957

MECHANICAL AND CONSTRUCTION WORKSHOPS
INDUSTRIAL ASSEMBLY AND MAINTENANCE
SALE AND ASSEMBLY OF CRASH BARRIERS



INDUSTRIAL ASSEMBLY
AND MAINTENANCE







Our assembly and maintenance team has over 60 years of experience in the industrial sector. It uses a wide range of handling equipment and is supported in its work by mechanical and electro-mechanical engineers, among others.

With a surface area of 22,000 m², our machining, machine welding and other workshops are unique in Luxembourg and the Greater Region. This allows us to avoid subcontracting as much as possible.

It also means that our clients can be helped with the supervision of entire projects.

Our engineering department is available for any support related to our services as well as for conversions, storage of machinery and accessories, manufacture and development of prototypes, etc.

Our services are there to take care of your specific needs.



Type of company – Client: Public authority – Tertiary

Client request: Relocation of a temporary exhibition.

Conventional solution: Division of the exhibition into five parts with disconnection of the computer and electrical network cables.

Solution provided: Relocation in two parts using a 60 t crane and low loader with authorisation for exceptional transport without removal and reconnection of the computer and electrical network cables (Dimensions: 12.5 x 5.4 x 2.6 m).

Advantages: Safety – Speed of action – Good execution – Reduced cost of operation

Type of company – Client: Public authority – Contractors – Civil engineering

Client request: Installation of pre-cast concrete elements (weight: 6.8 and 11 t, height: 7 m) underneath a concrete terrace. Site not accessible by all-terrain cranes with normal hooks.

Conventional solution: 150 t external crane with special spreader.

Solution provided: Design and manufacture of the suspension system by our teams and assembly using our electric cranes.

Advantages: Successful execution of assembly – Customer service

Our company is based on more than 60 years of know-how and expertise...

Type of company – Client: Industry

Client request: Assembly of a metal structure and installation of a machine (length 6 m, diameter 2.5 m, weight 12 t).

Conventional solution: Opening the roof and inserting the machine from outside using a 700 t crane.

Solution provided: Assembly with 60 t electric crane.

Advantages: Roof closed – Reduced productivity loss – Reduced cost of operation



Type of company – Client: Automotive – Precision engineering

Client request: Installation of a testing machine in a narrow space with lifting height limitation.

Solution provided: Use of a compact 10 t electric crane with a 360° range of movement.

Advantages: Safety – Ease of execution – All-in-one service

Type of company – Client: Industry – SME

Client request: Relocation of a travelling crane (length 20 m, lifting capacity 20 t).

Conventional solution: Dismantling and moving the travelling crane in five parts.

Solution provided: Moving the travelling crane in one section using our 60 t electric crane.

Advantages: Safety – Speed – Time savings – Reduced cost of operation



Type of company – Client: Industry

Client request: Dismantling of an obsolete piston (length 5 m, weight 8 t).

Conventional solution: Dismantling on site. Repair with overhaul of parts in our workshops. Hydraulic tests and assembly at customer site.

Solution provided: All work carried out by our departments with creation of plans.

Advantages: Just one subcontractor

Type of company – Client: Agri-food industry

Client request: Installation of insulated tanks in brushed A4 stainless steel in small spaces during production.

Conventional solution: Opening of the roof and insertion of the tanks from outside using a 450 t crane (crane axis – tank axis: 42 m).

Solution provided: Manufacture of stainless steel structures to support tanks. Use of our compact electric cranes for the installation of structures and tanks.

Advantages: Reduced productivity loss –
Reduced cost of operation



Type of company – Client: Automotive – All industries

Client request: Complete mechanical overhaul of a 62 t machine on site.

Conventional solution: Dismantling, measuring, reaming with portable reamers, manufacture of custom-made bushings. Reassembly of the machine after machining.

Solution provided: Turnkey service with more than 20 years of experience in this sector.

Advantages: All-in-one service – Speed –
Productivity gain



Type of company – Client: Automotive industry

Client request: Dismantling of a 36 m double-walled, insulated chimney with recycling.

Solution provided: Dismantling of the chimney in two 18 m sections. Organisation of cranes for dismantling. Transfer in special convoy to the recycling centre.

Advantages: All-in-one service – One subcontractor





Type of company – Client: Industry – Renewable energy

Client request: Replacement of a gas boiler (old 24 t and new 41 t)

Conventional solution: Use of an 800 t crane above the building with blocking of the traffic on Kirchberg during handling.

Solution provided: Unloading and transporting to the building entrance using two electric cranes. Installation inside the building on 12 tracked vehicles to take a maximum load of 3.5 t per m². (Handling on a concrete slab above a cellar.)

Advantages: No blocking of the traffic – Reduced crane costs – Work carried out on weekday



Type of company – Client: Public authority – SME – Industry

Client request: Location of a salt silo in a prestige building.

Conventional solution: Handling of the item in one piece

Solution provided: Handling with a single crane and assembly of the silo in two parts

Advantages: Precision work – Reduced site intervention time



Type of company – Client: Engineering – Public authority – Defence

Client request: Partial manufacture of a parabolic antenna (diameter 14 m, weight 45 t) according to customer's design and completion of assembly for test phase.

Solution provided: Manufacture of various parts in our workshops. Completion of assembly for test phase. Transfer in special convoy. Installation on site by our teams.

Advantages: Support with client project and response to requirements

Type of company – Client: Steelmaking – All industries

Client request: Transfer and assembly of an insulated firebrick hood weighing 13 t.

Conventional solution: Production line shut-down for a long time for work involving numerous people and a high risk of accidents.

Solution provided: Use of a 60 t electric crane with a certified spreader in complete safety with a minimum of personnel.

Advantages: Working time reduction



Type of company – Client: Private sector – Public authority – Tertiary

Client request: Design and erection of an entire new hall.

Solution provided: Generation of certified plans. Manufacture of metal framework, installation of the whole using our handling equipment.

Advantages: All-in-one service



Type of company – Client: All industries – Flooring manufacturer

Client request: Responsibility for and assembly of a complete new production line.

Conventional solution: Use of handling equipment with combustion engines.

Solution provided: Use of our cranes with fixed hooks to reduce the slinging height.

Advantages: Safety – Workplace well-being



Type of company – Client: Industries – Public authority – Tertiary

Client request: Opening of a wall over 20 m, removal of 3 feet of the framework and installation of two new beams in order to install a new machine.

Conventional solution: Development of the solution by the subcontractor.

Solution provided: Installation of temporary feet. Generation of workshop plans. Manufacturing of the customised beam in our workshops. Installation using two mobile cranes.

Advantages: Only one subcontractor – Speed of execution



Type of company – Client: Industry

Client request: Replacement of an 11 t heat exchanger.

Conventional solution: Opening the roof and inserting the heat exchanger from outside using a 300 t crane.

Solution provided: Assembly, disassembly of the exchanger through the side opening using our 60 t crane with forks and fixed hook.

Advantages: Reduced loss of productivity – Plant remains dry, hot and clean – Reduced cost of operation



THE DIVERSITY OF
OUR COMPETENCES IS
MEASURED BY THE EXTENT
OF OUR CREATIONS

Type of company – Client: Private client – Public industry

Client request: Manufacture of a reinforcement structure in HEB 700, length 15 m, weight 3.7 t with very specific assembly for Shell (Berchem services area) in the largest petrol station in the world.

Conventional solution: Reinforcement by slab shoring with extended closure of the area

Solution provided: A suitable and certified support for our electric crane was developed and manufactured in-house in order to handle the beams inside the building without placing weight on the slabs.

Advantages: Work done on time, in complete safety



Type of company – Client: Roads department

Client request: Erection of roadside signs on a large section of the national motorways. Here in a 31 m large section.

Conventional solution: Assembly at height using two cranes

Solution provided: One-piece assembly and bolting at ground level then assembly at height using 2 cranes

Advantages: Reduction of the risks associated with working at height – One lane of traffic blocked instead of two – Reduction of the cost of the operation – Speed of execution



Type of company – Client: Industries – Tyre manufacturer

Client request: Relocation and overhaul of 20 machines (ranging from 12 to 52 t) from a testing laboratory.

Solution provided: Dismantling on site, transfer to workshop, overhaul and repair (sandblasting, weld inspection, weld repair by qualified personnel). Reinstallation of the machine on site.

Advantages: All-in-one service: disassembly, crane operation, sandblasting, boring, turning, painting, reassembly.





Type of company – Client: Banking – Tertiary – Public authority

Client request: Replacement of an 8 t boiler located in the basement of the building.

Conventional solution: Dismantling and reassembling the boiler on site in several sections (up to 800 kg)

Solution provided: Installation of our electric crane using a construction crane in a ventilation hole. Installation of the boiler on a 30° slope in the second basement.

Advantages: Work done in one day with three handlers.

Noise and dirt avoided throughout the office complex..



Type of company – Client: Industry

Client request: Preventative and corrective maintenance on gearboxes from 1 to 38 t.

Conventional solution: Disassembly and return to the manufacturer for overhaul.

Solution provided: Repairs on site or in our workshops with the possibility of machining the axles and bearing seats with dismantling and re-assembly of the gearboxes using our cranes.

Advantages: Flexibility, speed, experience, know-how



Type of company – Client: All industries

Client request: Transfers of electrical cable reels with a diameter of 3.6 m and a weight of 11 t.

Conventional solution: Manual handling with many helpers

Solution provided: Transfer of the item using our 60 t electric crane equipped with 20 t forks.

Advantages: Work done on time, in complete safety. No material damage.

Type of company – Client: Cosmetics – Agri-food – Chemicals

Client request: Installation of a 9 t, double-walled, A4 polished stainless steel tank.

Conventional solution: Opening the roof and inserting the tank from outside using a 350 t crane.

Solution provided: Installation of the tank by means of a beam acting as a spreader held by two electric cranes.

Advantages: Safety – Reduced loss of productivity – Plant stays dry, warm and clean – Accuracy – Non-polluting



Type of company – Client: Agri-food industry

Client request: Unloading and assembly on upper level of various series of pre-assembled and ready-to-use machinery (length: 7.5 m).

Conventional solution: Installation and assembly of machine modules on site.

Solution provided: Design and manufacture at our company of a certified handling platform to ensure safe handling in one step.

Advantages: Safety – Reduced loss of productivity – Speed of action – All-in-one service



Type of company – Client: Cement industry – Steel industry

Client request: Change of a supply line during a factory stoppage.

Conventional solution: Handling with site crane, hoist and several handlers.

Solution provided: Handling using a 60 t electric crane equipped with 20 t forks and only 3 technicians.

Advantages: Safety – Fast action at low cost.





MORE THAN

140

EXPERIENCED
EMPLOYEES

OUR ELECTRIC CRANES

we lift up eletrically



Crane	Capacity in kg	Dimensions HxLxW in mm	Turning radius in mm	Wight in kg	QR Code
2 t	2000	1690 x 2620 x 950	1930	2100	
2.5 t	2500	1650 x 2120 x 940	1800	2450	
4.5 t	4500	1855 x 2775 x 1200	2510	4700	
8 t	8000	2010 x 4070 x 1400	2800 / 3400	8200	
12 t e	12,000	2360 x 4315 x 2130	4100	13,900	
12 t es	12,000	2360 x 4200 x 2100	4100	12,400	
12 t evo	12,000	1990 x 4060 x 1950	4050	14,120	
18 t	18,000	2515 x 4780 x 2200	4480	19,230	
25 t	25,000	2430 x 5200 x 2290	4800	25,600	
37 t	37,000	2475 x 5200 x 2400	5100	28,700	
60 t	60,000	2495 x 5480 x 2400	5300	44,000	



MORE THAN

60

YEARS OF
EXPERIENCE

OUR FORKLIFTS AND WORKING PLATFORMS



we lift up eletrically

Machine	Capacity in kg	Dimensions HxLxW in mm	Wight in kg	QR Code
Aerial plat- form 5 m	250	1955 x 1200 x 700	430	
Aerial plat- form 12 m	230	1990 x 5705 x 1200	7510	
Aerial plat- form 14 m	230	2670 x 2400 x 890	3600	
Forklift 3 t	3000	2260 x 3630 x 1230	5900	
Forklift 5 t	5000	2200 x 5500 x 1460	8500	
Forklift 7 t	7000	2200 x 5460 x 1620	11,700	
Forklift 20 t	20,000	2475 x 5480 x 2400	44,000	

THE PLURALITY OF OUR
POSSIBILITIES IS MEASURED
BY THE NEEDS OF OUR
CUSTOMERS



MORE THAN

1000

CONSTRUCTION SITES
PER YEAR

AMECO

also means:

PRECISION ENGINEERING

- Turning & milling
- Miscellaneous machining
- Cladding
- Machine assembly

INDUSTRIAL WELDING

- Machine welding
- Metal structures
- Metalworking
- Sandblasting cabine
- Plasma cutting and with oxy-fuel in 3D

DESIGN OFFICE

- From the conception of your projets to their full completion
- Multidisciplinary, qualified and experienced engineers

ROAD SAFETY

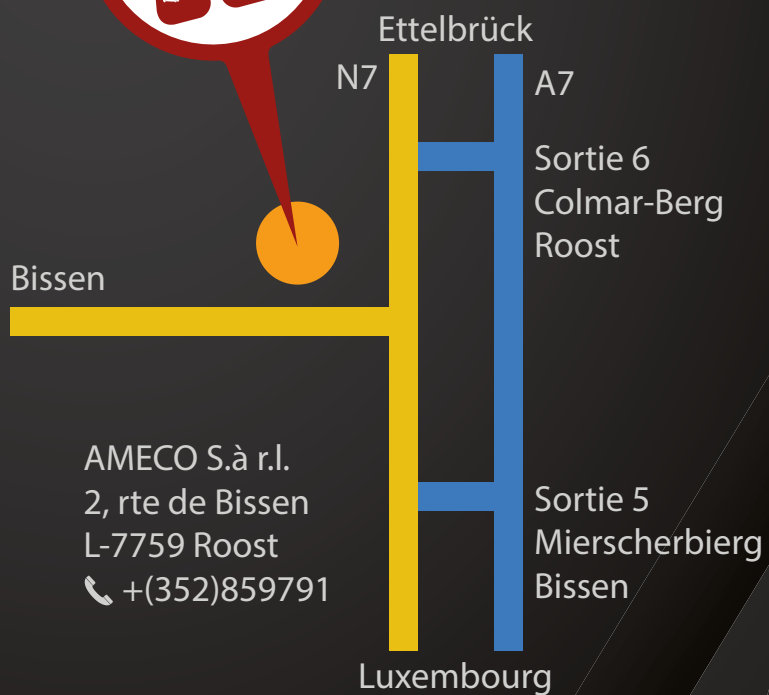
- Sale and assembly of crash barriers and additional elements
- More than 35 years of experience in this field



MORE THAN

2

QUALIFIED TRADES



www.ameco.lu

Find us on 

You 