

LUCAS

ROBOTIC SYSTEM

A full range of axes for moving your robots around.

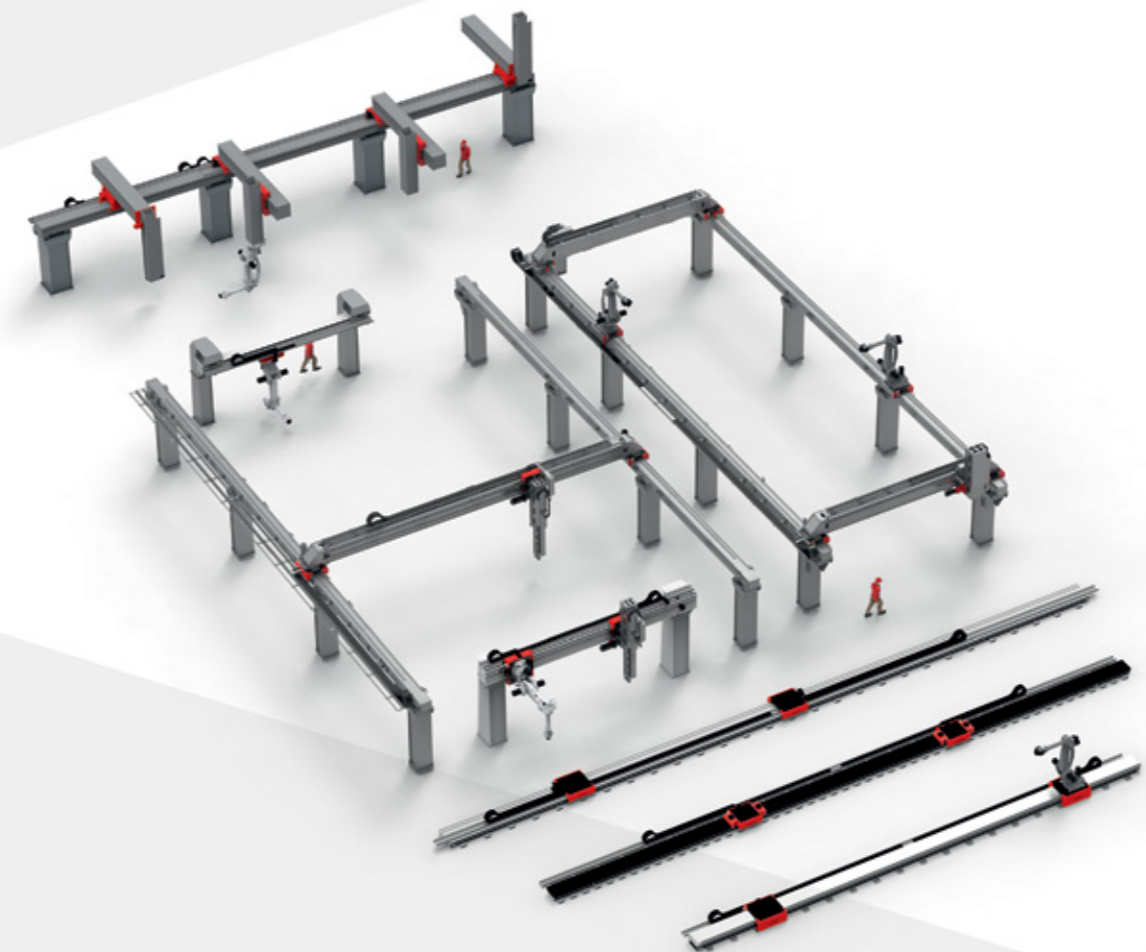
Robots from 100kg up to 6,000kg for all your applications.

Specialist axes for your applications:

- Painting
- Machining
- Shot blasting
- Welding

Control cabinets.

A robot recalibration service using laser trackers
(static and dynamic).



LUCAS FRANCE

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INDUSTRY 4.0

BY LUCAS ROBOTIC

www.lucas-robotic-system.com

Tracks
 LUCAS
 RS
 Hybrid
 motion

LUCAS MANUFACTURER

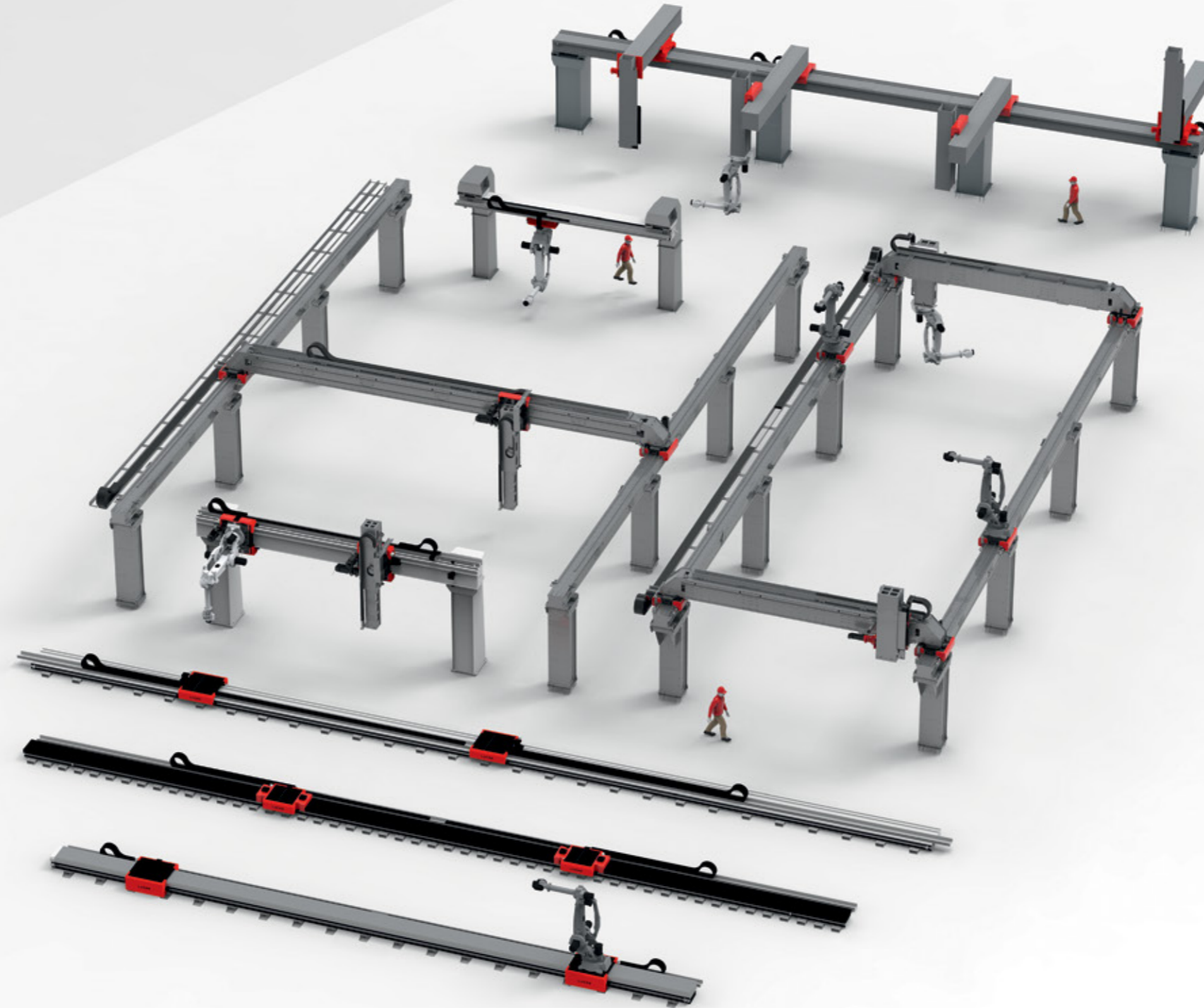
Lucas France offers a range of comprehensive automation solutions, suited to the Industry 4.0 for robotic system integrators and digital axis machine manufacturers.

CANTILEVER

CANTILEVER ROBOTS PROVIDE ECONOMICAL SOLUTIONS FOR THREE-DIMENSIONAL APPLICATIONS IN CONFINED SPACES.

LUCAS TRACKS

LUCAS TRACKS INCREASE THE RANGE OF POLYARTICULATED ROBOTS FOR EXTENDED OPERATIONS.



3/4-AXIS LINEAR MODULES

THREE-AXIS ROBOTS ARE IDEAL TOOLS FOR BUILDING THREE-DIMENSIONAL APPLICATIONS IN EXTENSIVE SPACES. THESE ROBOTS ARE STANDARDISED, MODULAR AND FULLY CONFIGURABLE.

HYBRID MOTION

LUCAS' ROBOTS COMBINE DIFFERENT KINEMATICS FOR FASTER MOVEMENT OVER LONGER DISTANCES

SPECIALIST AXIS

INTEGRATORS HAVE A VARIETY OF NEEDS AND REQUIREMENTS. FOR THIS REASON, LUCAS HAS DEVELOPED SPECIALIZED VERSIONS OF OUR STANDARD RANGE

LUCAS SPECIALIST APPLICATIONS

Your business has specific automation needs. Lucas France will work with you to develop suitable robotic solutions

SURFACE TREATMENT

Processes like painting, metallisation and shot blasting require enclosed axes, frequently compliant with ATEX directives. These type of axes require comprehensive and smart enclosures, capable of isolating sensitive components from the surrounding atmosphere.

WELDING

Welding massive parts over tens of meters requires a combination of great dexterity and a large range of action, which makes our hybrid motion concept ideal for welding units.

PALLETISATION/ORDER PREPARATION

With the widespread use of internet, robotic installations in logistical warehouses and at the end of productions lines have never been so essential. The three axis gantry robot is the key system for these vast and three dimensional spaces.

LOADING/UNLOADING MACHINES

Loading and unloading machines requires rigid axes, combined with high speed and rapid acceleration. LUCAS' two axis robots are capable of unrivalled performances in these applications.

AERONAUTICS

The aeronautic sector makes an increasing use of robots in bespoke applications. The high performance, flexibility and precision of LUCAS' robotics axes are also perfectly suited for innovative uses in the production or quality control of avionics systems.

PRODUCT CONFIGURATOR

LUCAS France has an online configurator at your disposal, enabling clients to design their own customized robots. You can use this online system to design your own bespoke product, choosing the robot's type, speed, size, acceleration, etc.

