

COMPANY PROFILE & SERVICE CAPABILITY STATEMENT

Lifting the Kingdom

**Overhead Crane Installation, Testing (Functional & Load)
& Commissioning
Steel Structure Assembly & Erection Works**

OEM-backed installation, statutory inspection and 24/7 breakdown response
— delivered by engineers resident in the Kingdom, for the Saudi Arabia & GCC
industrial market.

99.4%

Target crane uptime

<4 hrs

Emergency response SLA

365

Days hotline coverage

2000+

LTI-free man-hours

The Company at a Glance

Veltrixair Industries is a specialized industrial services company delivering end-to-end overhead crane solutions — installation, commissioning, testing (functional & load), preventive maintenance and AMC services across the Kingdom of Saudi Arabia. Working as an in-Kingdom partner of leading global crane OEMs, we cover overhead, gantry, jib and self-standing crane systems from first site survey to lifecycle service contract, including dismantling, statutory inspection and 24/7 breakdown response across the industrial corridors that anchor Vision 2030.

2 Hubs

Riyadh + Jubail

<4 hrs

Major-corridor response
SLA

365 Days

Continuous hotline
roster

2000+

LTI-free man-hours on
site

MISSION

To deliver safe, compliant, and technically excellent crane installation and structural steel erection services that protect our clients' people, assets, and operations, while building long-term partnerships founded on transparency, reliability, and engineering integrity.

Safety

Full compliance with Saudi regulations, client HSE requirements, and ISO 45001 standards.

Quality

ISO 9001 quality management principles, approved engineering procedures, continuous improvement.

Integrity

Transparent communication, accurate documentation, and accountable execution.

Excellence

Certified, in-Kingdom personnel and proven installation methodologies.

WHY WE EXIST

Saudi Arabia's industrial transformation created a gap that was operational, not commercial. The market was not short on equipment manufacturers; it was short on independent inspection authority, parts hubs holding real stock, mobile workshops able to honour sub-4-hour response, and engineering teams resident in the Kingdom under valid Iqama rather than mobilised from Europe on multi-week visa cycles.

Six Service Lines, One Accountable Partner

VELTRIXAIR INDUSTRIES

From greenfield installation and self-standing structures to controlled decommissioning and site clearance, Veltrixair owns every touchpoint of the crane lifecycle under a single point of accountability — eliminating the fragmentation that occurs when installation, inspection, and maintenance are split across multiple vendors.

01

Installation, Testing (Functional & Load) & Commissioning

Runway and rail installation, crane assembly, electrical integration, load testing and SASO-aligned commissioning.

02

Self-Standing Structure Erection

Free-standing portal frames, towered jib cranes and stand-alone gantry systems as independent load-bearing frameworks.

03

Statutory Inspection & Load Testing

Independent third-party inspection authority, NDT, wire rope assessment and documentation packs for audit and insurance.

04

24/7 Breakdown Response

Round-the-clock callout with sub-4-hour targets and mobile teams equipped for on-site diagnosis, repair and provisional commissioning.

05

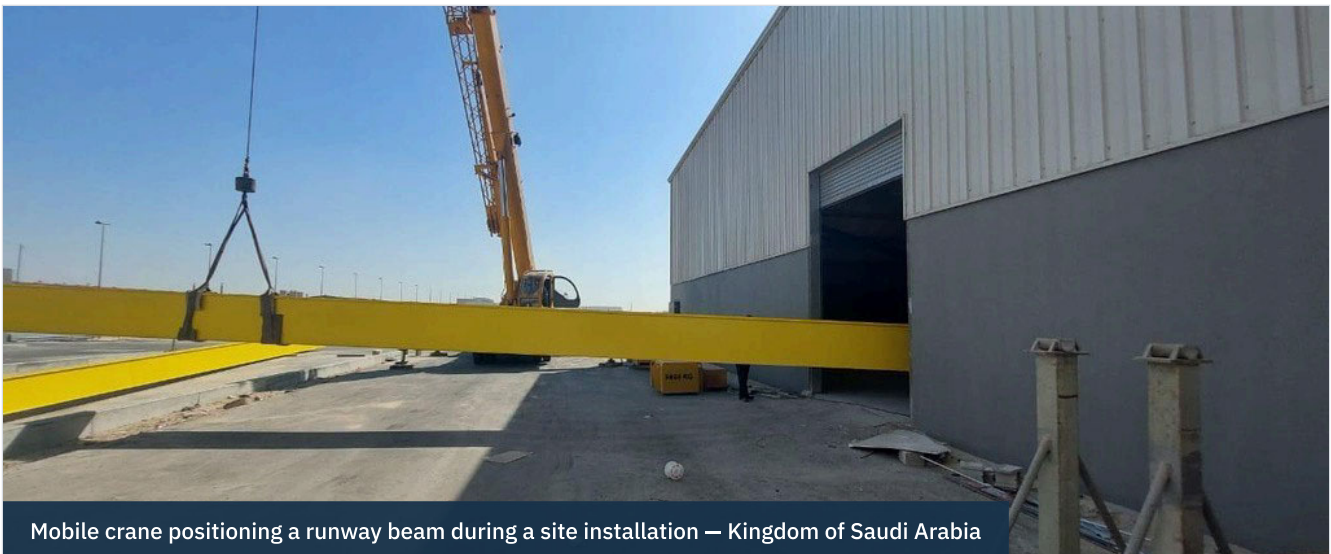
Lifecycle Maintenance Contracts

Three-tier SLA-backed AMC with scheduled inspection, condition monitoring and quarterly KPI-reported reviews.

06

Dismantling & Decommissioning

OEM disassembly procedures, lift-plan engineering, rigger-supervised teardown, scrap handling and site restoration.

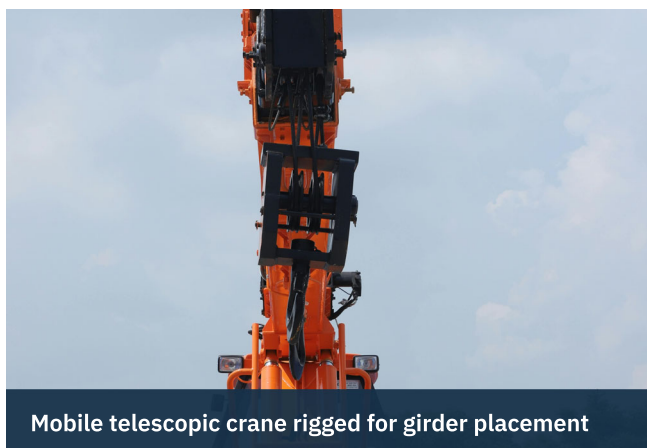
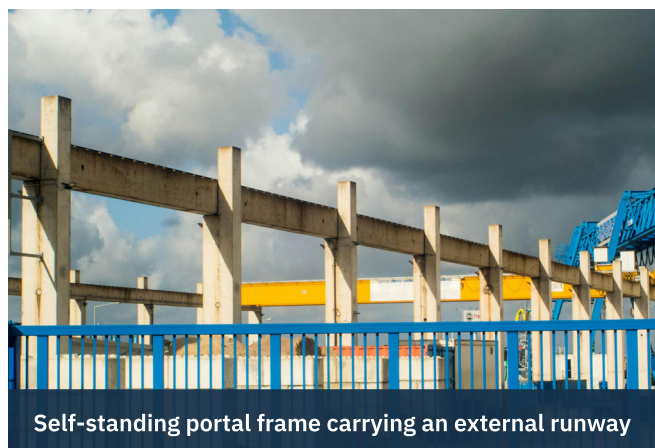
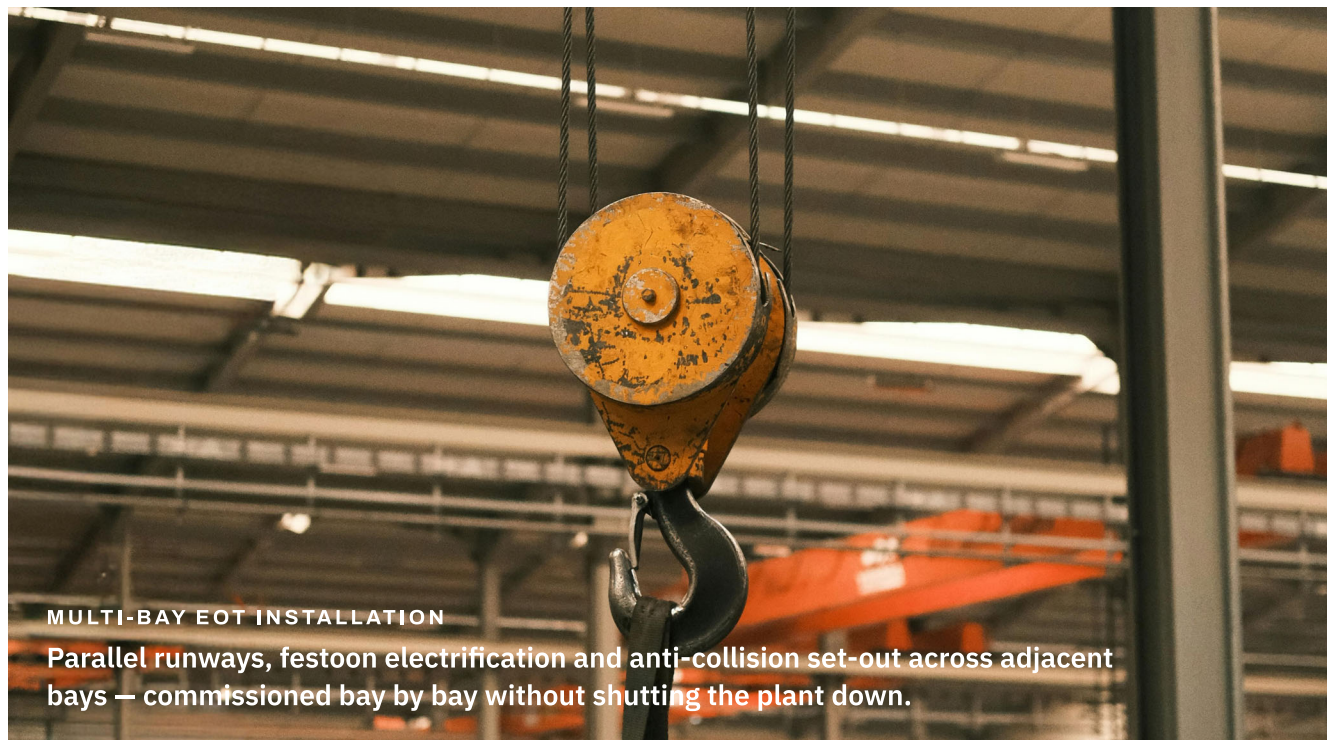


Mobile crane positioning a runway beam during a site installation — Kingdom of Saudi Arabia

Erection & Structural Set-Out

VELTRIXAIR INDUSTRIES

Crane erection is decided at the runway, not in the catalogue. Span, rail level and gauge are set out, corrected and recorded before a hook ever takes load.



Anchor bolts

Set, levelled and grouted to drawing

Plumb & level

Verified to specified tolerance

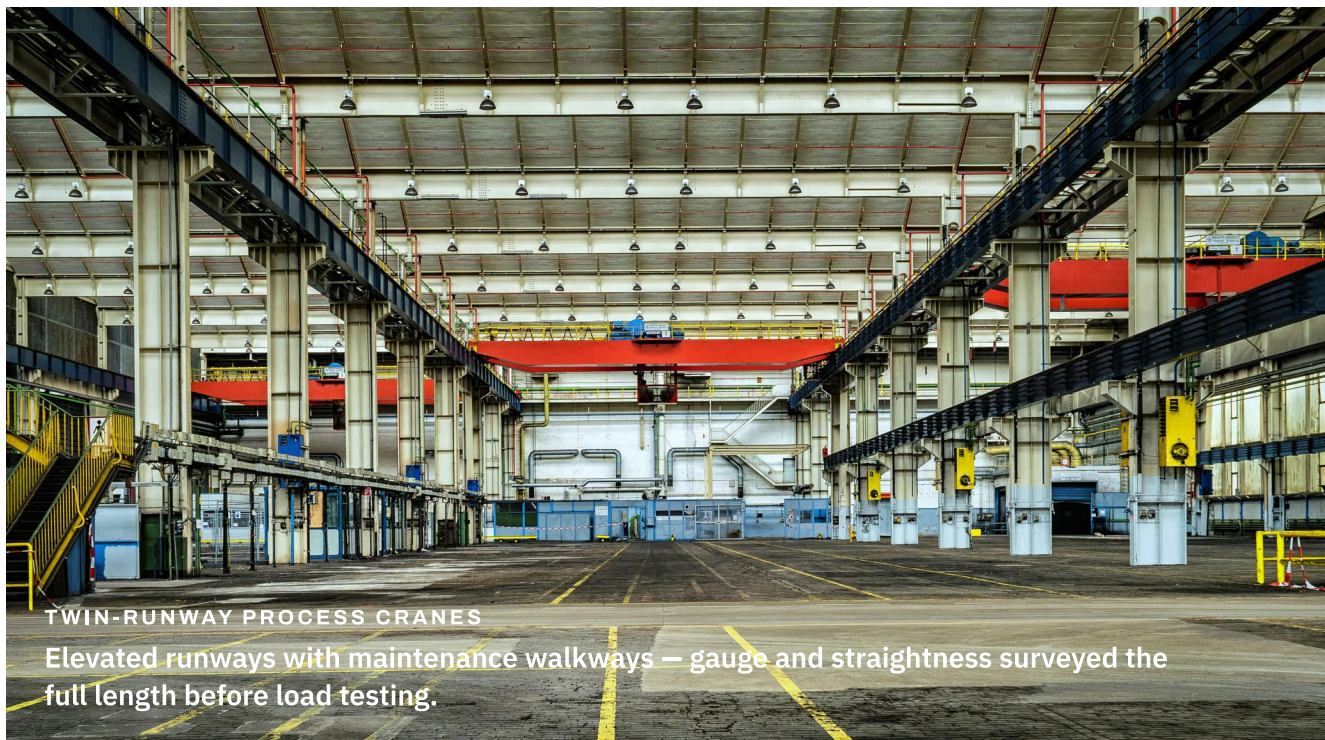
Load path

Checked before crane installation

Alignment, Testing & Handover

VELTRIXAIR INDUSTRIES

Every crane is handed over on evidence. Rail straightness, level and gauge are recorded, all motions are function-tested, proof load is applied and witnessed, and the documentation is issued as one pack.



TWIN-RUNWAY PROCESS CRANES

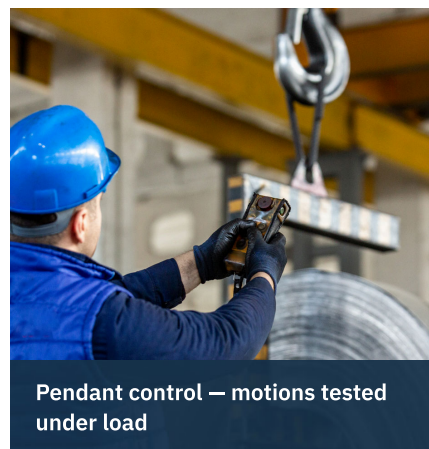
Elevated runways with maintenance walkways — gauge and straightness surveyed the full length before load testing.



Long-span runway with access platforms



Hoist commissioning — 5 t hook block



Pendant control — motions tested under load

125%

Proof load applied

100%

Motions function-tested

OEM

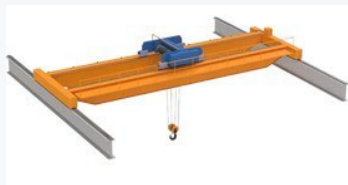
Torque values, no substitutes

1 pack

Audit-ready documentation

Products We Install

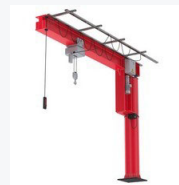
Single and double-girder cranes, gantry systems, jib cranes, monorails and workstation cranes — compatible with equipment supplied by Konecranes, GH, Demag, ABUS, STAHL and all leading OEMs.



Double-girder overhead crane



Gantry crane



Pillar-mounted jib crane



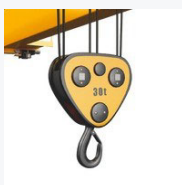
Wall-mounted jib & monorail



Wire rope hoist



Chain hoist



Hook blocks & reeving



Mobile telescopic crane



Lattice boom crawler

OEM CHANNEL PARTNERSHIPS

DISCIPLINE	CHANNEL PARTNERS	SCOPE
Mechanical	Demag, Konecranes, Stahl, ABUS, SWF, Bonfiglioli, SEW	Hoists, gearboxes, brakes, drives
Electrical	ABB, Siemens, Allen-Bradley, Schneider	Control panels, drives, switchgear
Equipment	Certified lifting gear, mobile cranes, forklifts	Site mobilisation and rigging

Equipment, Tools & Site Resources Deployed

Certified lifting gear & slings

Rental mobile cranes

Forklifts

Scissor lifts

Boom trucks & manlifts

Calibrated torque tools

Laser alignment equipment

Welding machines

Meggers & multimeters

Installation, Testing (Functional & Load) & Commissioning

VELTRIXAIR INDUSTRIES

Complete crane installation — including supporting steel structures, precision alignment, testing and commissioning — executed to OEM specifications and statutory requirements applicable across the GCC, including SASO conformity for all in-Kingdom works.

SERVICE COMPONENT	SCOPE DESCRIPTION
Site Readiness	Site assessment and verification of civil, structural and access readiness ahead of mobilisation.
Engineering Review	Review of approved drawings, load data, method statements and project-specific risk assessments.
Mobilisation	Deployment of manpower, certified lifting equipment, tools and site safety systems.
Runway & Rail Installation	Installation of crane runway beams, rails, structural supports and precision alignment systems.
Crane Assembly	Installation of crane bridge, end carriages, trolley, hoist and all auxiliary mechanical systems.
Structural Erection	Erection of supporting steel structures — columns, beams and crane-supporting members.
Electrical Integration	Festoon systems, conductor bars, control panels, and power and control wiring.
Testing (Functional & Load) & Commissioning	Load testing, functional testing and full SASO-aligned commissioning per OEM and statutory requirements.



Structures, Mechanical & Electrical Works

VELTRIXAIR INDUSTRIES

Self-Standing Structures

- Self-standing columns and portal frames
- Anchor bolt setting, baseplate levelling and grouting
- Bracing, tie-beam and gusset installation to drawings
- Alignment and plumb verification to specified tolerances
- Runway beam integration onto self-standing frameworks
- Load-path and deflection verification before crane installation

Dismantling & Site Clearance

- Pre-dismantling condition inspection and site readiness
- Approved dismantling method statement and lifting plan
- Isolation and lock-out / tag-out (LOTO) of control systems
- Controlled teardown of mechanical, electrical and structural parts
- Safe lowering, packing and removal of crane components
- Work-area restoration and safe handover to the client

Mechanical & Electrical Installation

- ▶ Bridge girders, end trucks, hoists and trolley assemblies
- ▶ Brakes, gearboxes, reeving and calibrated fastener torque checks
- ▶ Anti-collision systems and mechanical / electrical interlocks
- ▶ Power feeds, control panels, festoon and conductor bar systems
- ▶ Limit switches, overload protection and emergency stop circuits
- ▶ Grounding, earthing and audible / visual warning systems

STATUTORY INSPECTION & LOAD TESTING

Independent third-party inspection authority, non-destructive testing, wire rope assessment and load testing to SASO, CMAA, OSHA and FEM standards — with documentation packs prepared for HSE audit, insurance certification and regulatory filing.

NDT

Weld & rope

125%

Typical proof load

3rd party

Witnessed tests

24/7 BREAKDOWN RESPONSE

<4 hrs

Round-the-clock emergency callout across major industrial corridors, supported by mobile service teams equipped for diagnostic, repair and provisional commissioning work directly on site.

+966 537 615 240

Steel Structure Assembly & Erection

VELTRIXAIR INDUSTRIES

A complete structural steel capability covering primary erection, crane runway support structures, self-standing frameworks and secondary steelwork — delivered to the same engineering rigour and safety standards applied across all crane installation projects.

Primary Steel Erection

- Structural steel columns and primary beams
- Portal frames and rigid frame systems
- Anchor bolt setting and baseplate installation
- Column splicing and field bolting per connection details
- Plumb and level verification to specified tolerances
- Grouting of column bases and foundation pockets
- Horizontal and vertical bracing members
- Gusset plates, stiffeners and connection hardware

Crane Runway & Support Structures

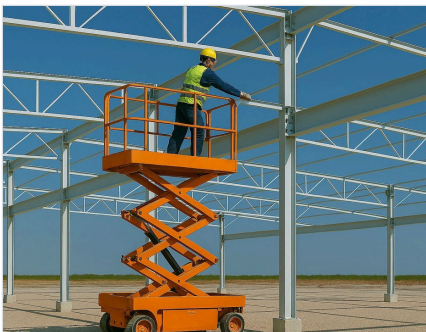
- Crane runway girders and bridge rails
- Runway beam alignment and span tolerance verification
- End stops, buffers and rail clip installation
- Welded and bolted connection of runway supports
- Rail alignment checks — straightness, level and gauge
- Maintenance walkways and access platforms
- Integration with existing building steelwork
- Anti-corrosion coating and touch-up painting

Self-Standing & Independent Structures

- Design-compliant freestanding crane support frameworks
- Self-standing portal structures, indoor and outdoor
- Modular and prefabricated structural steel assembly
- Freestanding jib column installation and foundation checks
- Independent gantry leg erection and lateral stability
- Load-path verification prior to crane installation
- Inspection and certification of completed framework

Secondary Steelwork & Accessories

- Purlins, girts and secondary framing
- Mezzanine deck frames and structural flooring
- Monorail beam installation and bracket welding
- Hoist beam, trolley beam and davit arm installation
- Lifting beams and structural anchorage points
- Safety handrails, kick plates and access ladders
- Steel-framed equipment supports and pipe racks
- Shear studs and composite beam connection hardware



Site access equipment on an active structural steel installation; certified welding to approved WPS requirements; a rigger controlling a beam lift on a spreader beam.

Five-Stage Engagement Methodology

VELTRIXAIR INDUSTRIES

Every Veltrixair crane engagement follows a disciplined five-stage methodology — engineered for accountability, audit traceability and continuous performance measurement against contracted KPIs.

01

Site Survey & Assessment

Walk-through, structural review, load profile capture, and SASO / HSE constraint mapping.

02

Engineering & Specification

OEM-stamped specification, capacity sizing, electrification design and bill of materials.

03

Installation & Commissioning

Mobilisation, runway alignment, mechanical and electrical installation, load testing and certification.

04

Operator Training & Handover

Operator and maintainer training, manual handover, and digital asset register activation.

05

Lifecycle Service Contract

SLA-backed annual maintenance, scheduled inspections, condition monitoring and quarterly KPI reviews.

CONTRACTED KPIs REPORTED QUARTERLY

Mean time to repair

Availability
percentageMean time between
failuresCost per operating
hour

Post-Commissioning & Lifecycle Support

VELTRIXAIR INDUSTRIES

We sell uptime, not transactions.

Engagement does not conclude at handover. Every project is structured as a lifecycle commitment with measurable KPIs, supported by a structured programme of post-commissioning services.

Warranty Period Support

- Attendance at all warranty-period site inspections
- Timely corrective action for installation-related defects
- OEM coordination for warranty claims and replacement parts
- Documented defect logs and formal closure records

Technical & Operational Support

- Troubleshooting support for operational faults
- Operator and maintenance team guidance
- System upgrades, control retrofits and capacity modifications
- OEM-agnostic advisory across all major crane brands

SLA-BACKED ANNUAL MAINTENANCE — THREE TIERS

Foundation

Scheduled statutory inspection and preventive maintenance under a multi-year, SAR-denominated contract.

Performance

Adds condition monitoring and quarterly KPI-reported service reviews against contracted availability.

Total Care

Full lifecycle accountability — inspection, monitoring, parts and priority emergency response.

Re-Inspection & Recertification

- Periodic statutory inspection per SASO and GCC requirements
- Load re-testing to support recertification
- Third-party inspection coordination and witnessing
- Updated compliance documentation and certification

Digitised Asset Register

Full history

Every managed asset carries a continuous, digitised inspection and maintenance history — records are retained beyond the statutory minimum and support inspection analytics and operational risk reporting.

Safety, Quality & Regulatory Standing

VELTRIXAIR INDUSTRIES

Every installation and inspection task is executed and documented against the Kingdom's regulatory framework and internationally recognised crane and lifting standards. The regulatory environment is not an afterthought — it is the operating envelope within which all engineering decisions are made.

STANDARDS STACK — APPLIED ON EVERY ENGAGEMENT

Status: conformant

SASO	Saudi conformity — in-Kingdom works
ISO 9001	Quality management
ISO 45001	Occupational health & safety
ISO 9927	Crane inspection
OSHA 1910.179	Overhead & gantry cranes
ASME B30	Lifting & rigging safety
FEM 9.511 / 9.661	Duty classification & component life
CMAA 70 / 74	Bridge crane specification
IEC 60204-32	Electrical safety, hoisting machines

REGULATORY & COMMERCIAL COMPLIANCE

- SASO-registered service entity
- Permit-to-work aligned with HCIS and Civil Defence requirements
- Aramco SAES, SABIC and Royal Commission site protocols built into access workflows
- SAR-denominated commerce with ZATCA-compliant invoicing, including Fatoora Phase 2
- PDPL-compliant handling of operational, contractual and incident records
- Saudization roadmap aligned to NITAQAT-Green workforce planning

Zero-compromise testing: functional testing of all travel motions, safety device validation, and certified load tests witnessed by third parties where required.



Certified PPE issued to all site personnel prior to mobilisation

Industries We Serve

VELTRIXAIR INDUSTRIES

We work across the sectors that form the spine of the Saudi economy. Each one carries its own crane fleet profile — duty class, environmental exposure, regulatory regime and operational criticality — and each is scoped on its own terms.

Oil, Gas & Petrochemical

Process cranes in HCIS-regulated complexes across Jubail, Yanbu and the Eastern Province.

Steel & Heavy Manufacturing

Hot-metal and process cranes for ferrous and non-ferrous fabrication, including FEM 5m duty.

Substations & Transmission

Transformer-handling and maintenance cranes inside indoor and outdoor substation halls.

Power Plants & Generation

Turbine-hall and maintenance cranes across thermal, gas, combined-cycle and renewable plants.

Cement & Building Materials

Dust-environment cranes for plant maintenance and clinker handling in corrosive atmospheres.

Water & Desalination

Membrane handling and pump-house cranes for MED, MSF and SWRO plants under coastal duty.

Logistics & Ports

Container yard and warehousing cranes across major Saudi ports at high duty cycles.

Manufacturing & Workshop

Light and medium duty cranes across automotive, light engineering and industrial workshops.

Mining & Minerals

Crusher-house and process cranes in abrasive, high-dust extraction environments.

Mega-Projects & Construction

Strategic-site coverage with project-resident crews supporting Vision 2030 giga-projects.

**10 sectors,
one method.**

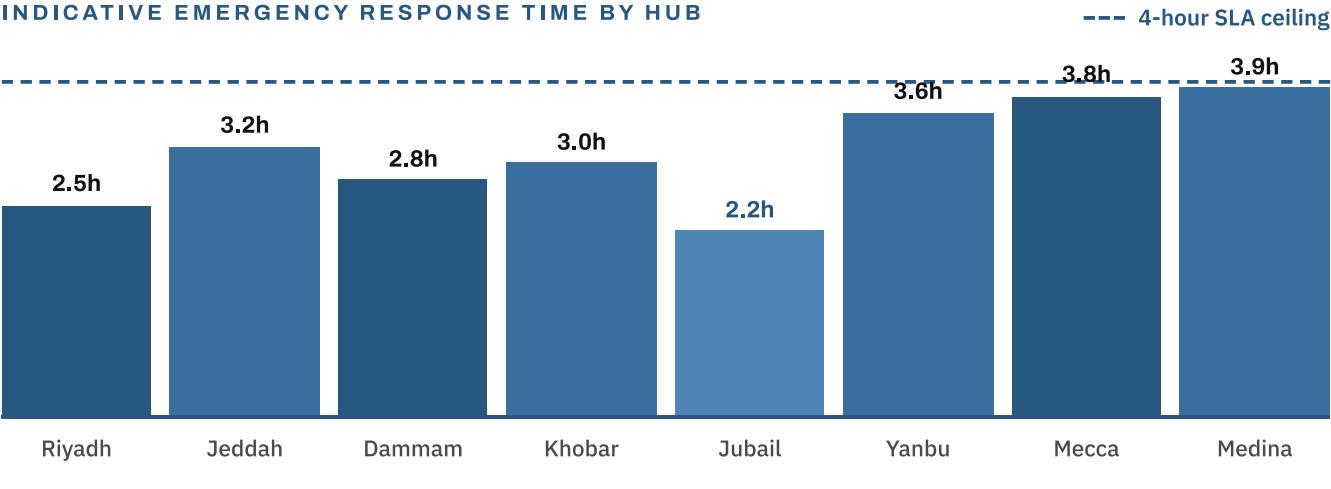
Duty class, environmental exposure and regulatory regime change from sector to sector. The survey, engineering, testing and documentation discipline does not.

National Coverage Network

VELTRIXAIR INDUSTRIES

Primary operations run from Riyadh, with rapid-deployment teams positioned across the Eastern Province, the Western corridor and Vision 2030 giga-project zones — including NEOM, Qiddiya, the Red Sea Project, AMAALA, Diriyah Gate and HCIS-regulated petrochemical complexes.

INDICATIVE EMERGENCY RESPONSE TIME BY HUB



Global OEM authority

OEM-trained engineers, traceable component sourcing, factory-backed warranty terms.

Single-point responsibility

One team from inspection and planning through commissioning and post-handover support.

In-Kingdom commitment

Engineers resident under valid Iqama; English, Arabic, Hindi and Urdu; SAR contracts.

START A CONVERSATION

On site within five working days for a no-obligation assessment.

VELTRIXAIR INDUSTRIES

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