

GRÚAS JRO



40 YEARS OF EXPERIENCE
BUILDING THE FUTURE OF MEXICO



TELESCOPIC CRANES
UP TO 900 TONS

 /gruasjro

 +52 481 126 9790

 www.jroconstrucciones.com.mx

Message from Our Director

This year at Fabricaciones y Montajes Industriales JRO, we proudly celebrate a new anniversary. More than just a number, these years represent a story built on effort, commitment, and a passion for serving our clients with excellence.

Every project, every partnership, and every achievement reached is the result of the work of a team that has known how to grow, adapt, and consistently maintain quality as its hallmark.

Today, as we present our Services Catalog, we want to share not only what we do, but also what drives us: the conviction that trust is earned through results, experience is strengthened through consistency, and leadership is sustained through innovation and responsibility.

Over more than four decades, we have actively participated in sectors as diverse as food processing, manufacturing, cement, and energy, among others. This diversity has strengthened us and allowed us to evolve, refine our fabrication and assembly processes, and consolidate a work model based on safety, efficiency, and respect for the environment.

This anniversary is also a moment to look toward the future.

We reaffirm our commitment to continuous improvement, the training of our human talent—our most valuable asset—and the generation of solutions that promote the sustainable development of our clients and our country.

Thank you for accompanying us on this journey.

At JRO, we want to continue being part of your projects, contributing experience, quality, and commitment every step of the way.

With appreciation and gratitude,

Ing. Israel Omar Reséndiz López
General Director





TIMELINE OUR HISTORY



OUR TRAJECTORY

1986



We were born and began operations in a small workshop, equipped with a welding machine, a toolbox, and a deep desire to grow. That's how we started forging our path in the industrial world, guided by determination and faith.

The transformation begins

2000



We invested in infrastructure and formed solid work teams, which allowed us to expand our reach and enter new markets, strengthening our presence in the industry.

Vision of the future

2013



We transformed into Fabricaciones y Montajes Industriales JRO (FMI). New partners joined, and strategic alliances were consolidated, placing the customer at the center of every decision.

JTE

2021



During the global health crisis, we worked tirelessly to ensure our clients' operations continued. We reaffirmed our commitment to quality, safety, environmental responsibility, and occupational

2025

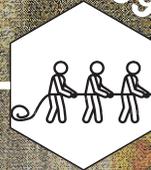


We made significant investments to modernize our manufacturing processes, aiming to improve quality, reduce delivery times, and maximize customer satisfaction. Innovation became our path toward a more competitive and sustainable future.

Present

The beginnings of a dream

1996



After a decade of continuous effort and sacrifice, new family members and committed personnel joined. We expanded our service catalog to better meet our clients' needs.

Agents of Change

2008



We redirected our strategic efforts and reinforced our vision. A key phase of asset acquisition began, firmly focused on achieving operational excellence.

FMI

2015



As an extension of our business vision, JRO Transportes Especializados (JTE) was created to expand our logistical and technical capabilities, addressing the sector's evolving demands.

Challenges that transform

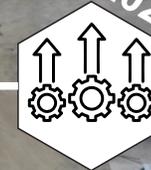
2015



Grúas JRO was established to offer specialized lifting and maneuvering solutions. We incorporated a modern fleet of cranes and a highly trained technical team to meet the industry's challenges.

A new transformation

2026



We fully trust in God's will as the guide of our path. Continuous improvement is one of our main goals, strengthening our technical, human, and operational capacities. We are committed to remaining industry leaders, responding with excellence and integrity to new market challenges.

TRAINING



GRÚAS JRO

Training is a key tool to ensure our service is professional, safe, and that you feel confident leaving everything in our hands.





Certification of Equipment, Operators, and Riggers



Operators

- Daily inspection and preventive maintenance
- Crane safety controls and systems
- Load capacities and load charts
- Safe operation in different conditions
- Stabilization and use of outriggers / counterweights
- Lifting maneuvers and load positioning
- Communication with the rigger / signal person
- Common operating errors and how to avoid them

Riggers

- Selection of slings, shackles, hooks, and lifting gear
- Inspection and maintenance of lifting gear
- Load securing and configuration techniques
- Center of gravity and load balance
- Sling angles and their impact on load capacity
- Proper use of hand signals
- Safe loading and alignment
- Coordination with the crane operator

TRAINING



The training of crane operators and riggers is not just a legal obligation or an administrative formality; it is a fundamental pillar to ensure **safety, efficiency, and operational success** in any project involving lifting operations.



We operate under ISO 9001:2025

As part of the Quality Plan in services with our equipment, we carry out our procedures based on ASME B30 standards.

Once the lifting operation is assessed, the type of plan to be executed is determined:

Standard Lifting Plan

Critical Lifting Plan



The operator, together with their team, will carry out a checklist ensuring compliance with the following standards:

Cranes: ASME B30.5

Slings: ASME B30.9

Hooks: ASME B30.10

Lifting accessories: ASME B30.26

3D Lift Plan is a software That allows us to carry out a simulation, including all factors: weights, dimensions, distances, angles, percentages, etc.

This way, we can determine which equipment is appropriate to perform a safe lift.



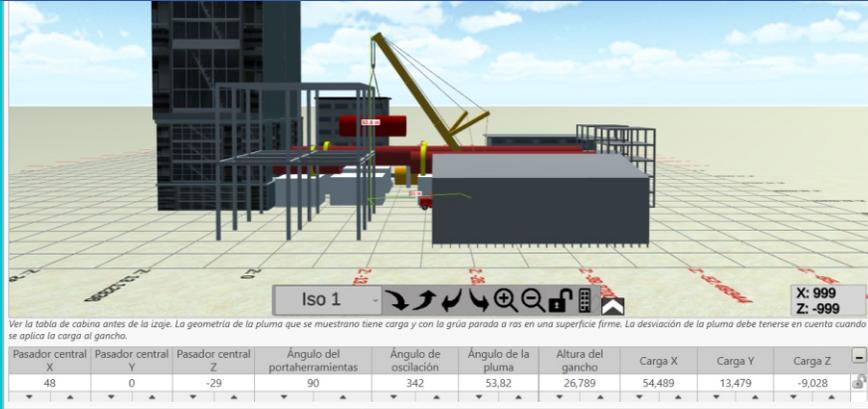
3D Lift Plan

Lifting Planning

3D Lift Plan allows us to anticipate and safely plan lifting operations, ensuring the selection of the most suitable crane for each job.

By entering the load's weight and dimensions, along with the location, site conditions, and potential interferences, the tool analyzes our cranes' load charts to define the safest and most efficient configuration for each lift.

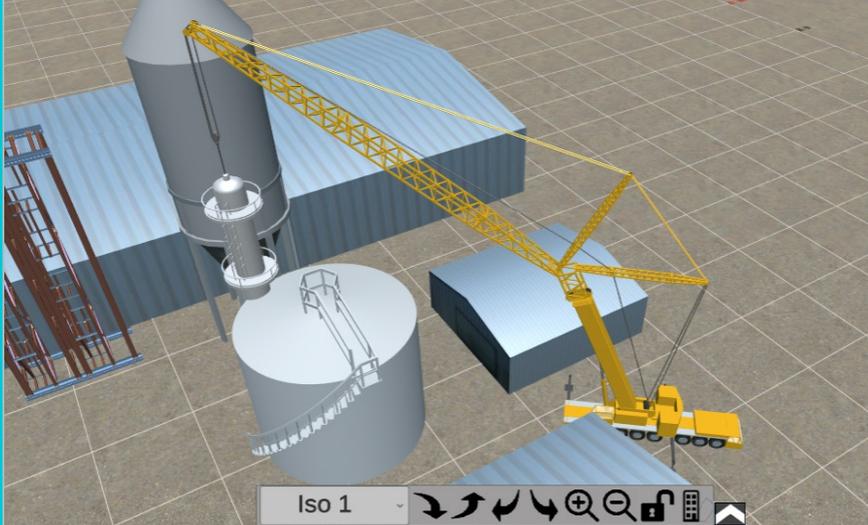
In addition, 3D Lift Plan makes it possible to: visualize the maneuvers in advance.



Ver la tabla de cabina antes de la izaje. La geometría de la pluma que se muestran tiene carga y con la grúa parada a ras en una superficie firme. La desviación de la pluma debe tenerse en cuenta cuando se aplica la carga al gancho.

Pasador central X	Pasador central Y	Pasador central Z	Ángulo del portaherramientas	Ángulo de oscilación	Ángulo de la pluma	Altura del gancho	Carga X	Carga Y	Carga Z
48	0	-29	90	342	53,82	26,789	54,489	13,479	-9,028

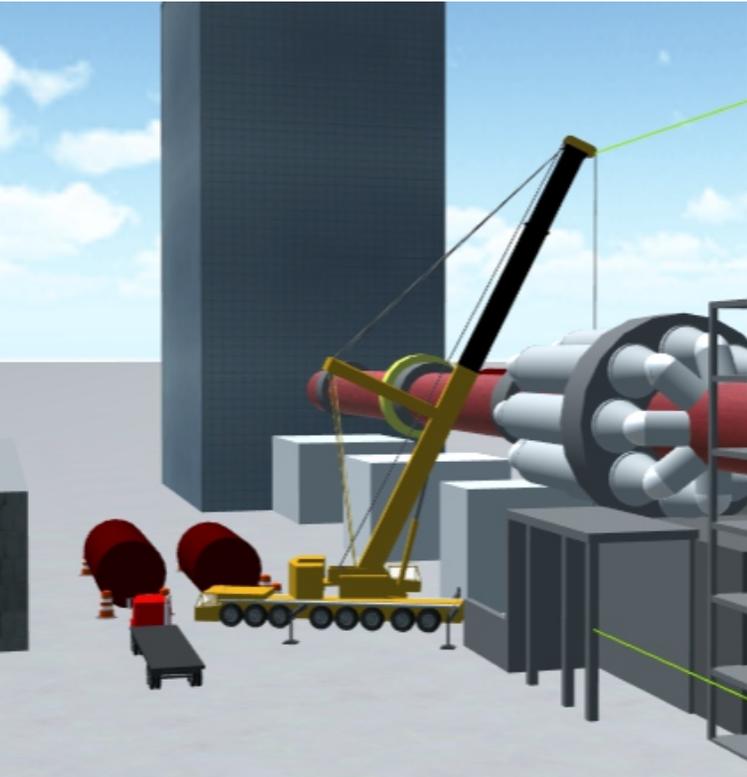
Grúa	Radio de izaje	Altura de ladeo	Capacidad
M 1400 - TN	35	41,872	36,741 (90%)



no antes de la izaje. La geometría de la pluma que se muestran tiene carga y con la grúa parada a ras en una superficie firme. La desviación de la pluma debe tenerse en cuenta cuando se aplica la carga al gancho.

Pasador central Y	Pasador central Z	Ángulo del portaherramientas	Ángulo de oscilación	Ángulo de la pluma	Desviación del sistema abatible	Altura del gancho	Carga X
0	65	220	0	68	30 566	32 103	-0 956

Grúa	Radio de izaje	Altura de ladeo	Capacidad	Peso de la carga
Krupp KMK 5110	8	23,877	38,5 (60%)	23,1



Grúa	Radio de izaje	Altura de ladeo	Capacidad	Peso de la carga
Liébherr LTM 1200-5.2 - T	33	52,676	11,748 (45%)	5,24

3D Lift Plan Información Entrenamiento Soporte Mi cuenta

WebGL Desmontaje de Evaporadores 40K

Configuración

Tabla de izaje Configuración rápida

Carga Sistema de montaje Otro de trabajo

Configuración avanzada

Configuraciones Carga Sistema de montaje Armamento del sistema de montaje Otro de trabajo

Buscar grúa

Buscar configuración Buscar configuración

Detalles de la izaje

Configuración de grúa Calores de la grúa Cargas de la grúa Abundancias de la grúa Izaje de inclinación frontal Izaje con múltiples grúas

Plan de izaje

Tabla de cargas Simulación de izaje Recorrido de la izaje Dimensiones

Publicar

Imprimir Guardar

Simulación de izaje

Liébherr LTM 1200-5.2 - T

Usar un largo intermedio de la pluma

Largo de la pluma 60,076

Inclinación de la pluma 100-100-100-100

Boom Angle 55,15

Mostrar la configuración de la grúa

Carga

Ángulo de carga 0

Rotación de la carga 0

La carga rota con la pluma

Configurar una izaje de inclinación frontal

Configurar una izaje de inclinación frontal

Clearances

Check Crane-to-Obstruction Clearances

Check Crane-to-Crane Clearances

Actualizar



**Effort,
Perseverance
and Dedication**



XCMG XCA900L8 CRANE



TEREX AC 500-2 CRANE



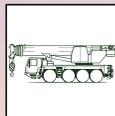
LIEBHERR LTM 1400 CRANE



LIEBHERR LTM 1300 CRANE



LIEBHERR LTM 1220 CRANE



KRUPP KMK 5110 CRANE



GROVE RT 765E-2 CRANE



TITAN NATIONAL NBT45



TITAN MANITEX 2892S

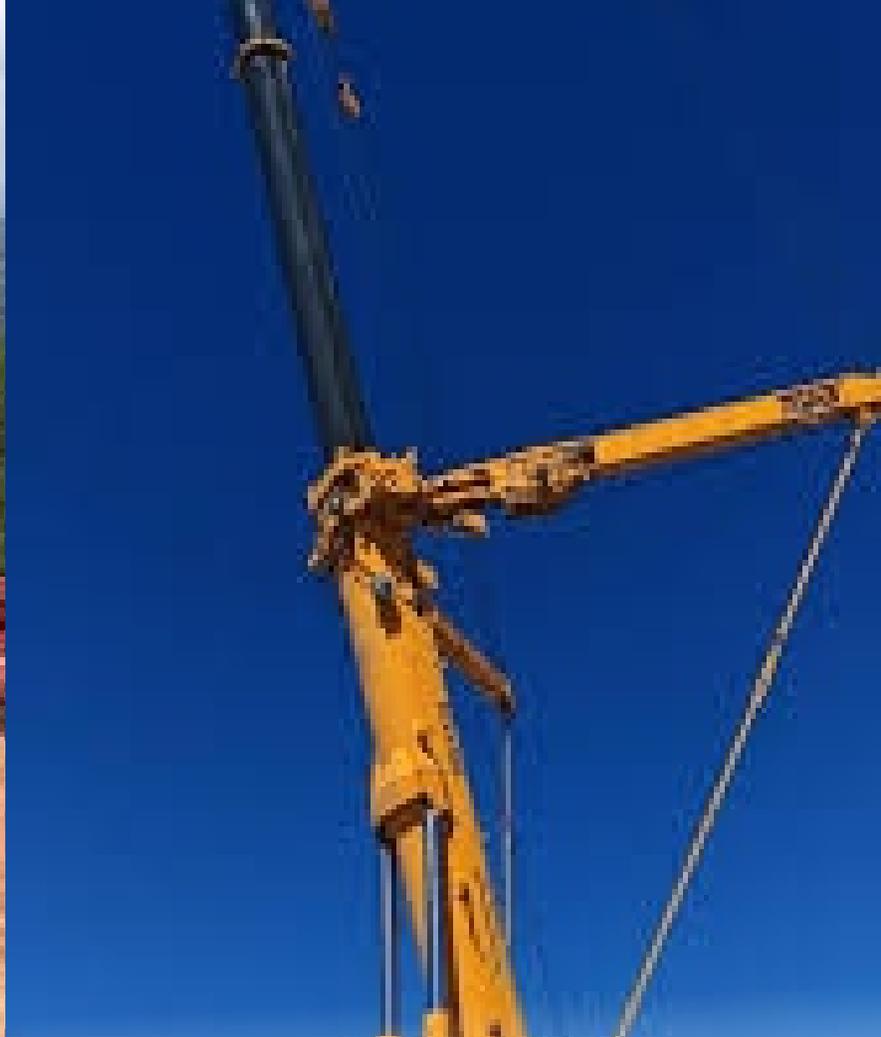


TITAN NATIONAL 900A



GROVE RT 518 CRANE

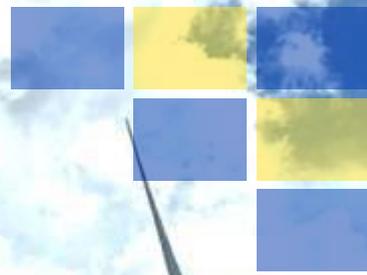




Model: XCA900L8
Maximum Capacity: 900 tons
Main Boom: 105 Metros
With Lattice Jib: 137 Metros
Boom with super lift + wind power jib: 195 Metros



XCMG CRANE



Model: AC 500-2
Maximum Capacity: 500 tons
Main Boom: 56 Metros
With Lattice Jib: 145.78 Metros



At **GRÚAS JRO** , we are a company with four decades of extensive experience in equipment installation and complex lifting operations.



Model: LTM 1400
Maximum Load Capacity: 400 Toneladas
Main Boom: 50 Metros
Boom + Jib Length: 134 Metros

LIEBHERR CRANE



LIEBHERR CRANE LTM 1400





LIEBHERR CRANE LTM 1400





LIEBHERR CRANE LTM 1300



Model: LTM 1300
Maximum capacity: 300 tons
Main boom: 50 meters
With lattice jib: 134 meters

LIEBHERR CRANE



LIEBHERR LTM 1300 CRANE



LIEBHERR CRANE LTM1220 5.2



Model: LTM 1220 5.2
Maximum capacity: 220 tons
Main boom: 60 meters
With lattice jib: 106 meters

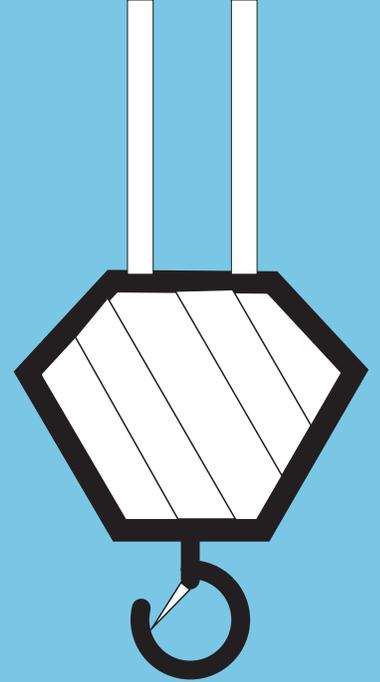


Model: LTM 1220 5.2
Maximum capacity: 220 tons
Main boom: 60 meters
With lattice jib: 106 meters





Model: KMK 5110
Maximum capacity: 110 tons
Main boom: 50.5 meters
With lattice jib: 60.5 meters



KRUPP CRANE KMK 5110

Grúas JRO is a 100% Mexican company with extensive experience in the industrial and services sectors. We offer a wide range of assembly and lifting solutions, providing comprehensive support from engineering and material supply to final commissioning.

We deliver specialized lifting, logistics, and project execution services across various industrial sectors.

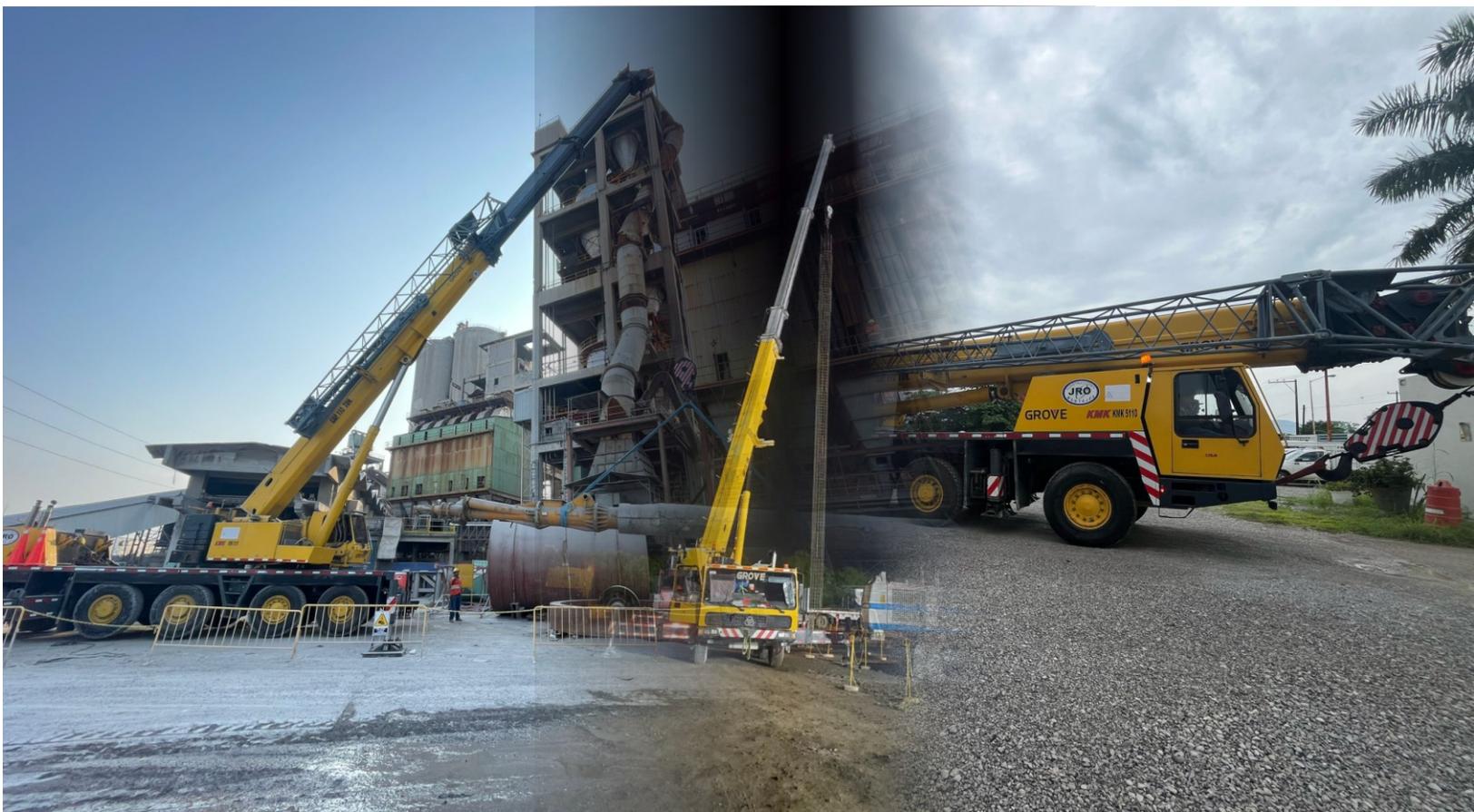
At Grúas JRO, we rely on state-of-the-art equipment and highly trained personnel to deliver the precise service each client requires.





GRÚAS JRO
BUILDING THE
FUTURE OF MEXICO

KMK 5510





GRÚAS **JRO**
BUILDING THE
FUTURE OF MEXICO

RT 765E-2

GROVE CRANE

**Effort,
Perseverance
and Dedication**



CRANE GROVE

RT-765E-2



Model: RT765E-2
Maximum capacity: 60 tons



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TITAN NATIONAL NBT 45
Model: NTB45
Maximum capacity: 40 tons
Main boom: 31.39 meters



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Titan Manitex 2892S



Model: 2892S
Maximum capacity: 28 tons
Main boom: 28 meters
With lattice jib: 42 meters



MANITEX

TITÁN NATIONAL



Model: National
Maximum capacity:
23 tons
Main boom: 21.2 meters



NATIONAL



GROVE CRANE RT 518

Model: RT 518

Maximum capacity:

18 tons

Main boom: 21.2 meters

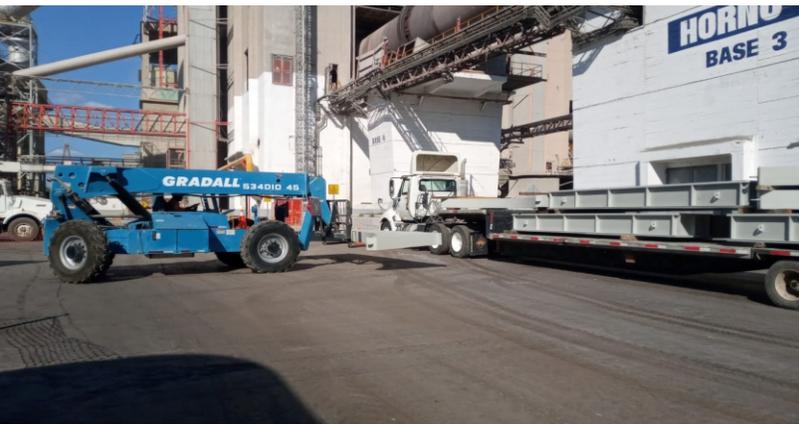


TELEHANDLER

Model: Gradall

Maximum capacity: 4.5 / 3.5

Main boom: 14.6 meters



GRADALL

Some of our clients

GRUPO **GP**

Wonderful
citrus™


Citrofrut

 **GRUPO PIASA**

 **AUTLAN**

 Pantaleon

 **Iberdrola**

 **CEMEX**




MICHELIN

POWERTECNO
POWERTECNO ENERGIA MEXICANA S DE RL DE CV

 **INDELPRO**

aes

 **ZUCARMEX**

TECHINT
Ingeniería y Construcción

 **transbiaga**


coconal


Tubacero


PRADERAS
HUASTECAS
EST. 1967

**INGENIOS
SANTOS**



General Director:

omar.resendiz@jroconstrucciones.com.mx

Operations Director:

carlos.resendiz@jroconstrucciones.com.mx

Business Development:

juan.contreras@jroconstrucciones.com.mx

[Cel. +52 481 126 9790](tel:+524811269790)

Specialized Transport:

brisa.resendiz@jroconstrucciones.com.mx

[Cel. +52 481 103 9889](tel:+524811039889)

Telephone Line:

+52 481 381 0949

+52 481 383 1140

www.jroconstrucciones.com.mx

Contacts

proyectos@jroconstrucciones.com.mx

quejas.sugerencias@jroconstrucciones.com.mx

contacto@jroconstrucciones.com.mx

San Luis Potosí:

Avenida Los Tenek #355, Localidad Tampaya, Ciudad Valles S.L.P, México

Monterrey:

Lib. Noreste, Sin Nombre de Col 22, Cdad. Gral., 66052 Escobedo, N.L, México