INDUSTRIAL HEAVY LIFTING

100TONN.KZ

Work with a leader

Dear Partners!

The 100 TONN Group of companies has completed over 1,500 installation and heavy lifting projects across various industries. We are a real market leader in crane-less industrial equipment handling in the Republic of Kazakhstan, Central Asia and neighboring countries.

Our leadership is based on years of experience, technical expertise, and the most advanced lifting equipment.

The specialists of 100 TONN Group of companies were the first lifting experts in Kazakhstan and Central Asia who started to use hydraulic gantries, and today we have the largest fleet of this equipment in our region.

With hydraulic gantries we can lift, move, and tilt (turn over) large industrial equipment. They can reduce the cost of debarkation oversized cargo from barges and allow us to work in confined spaces– for example, installing equipment in a cramped workshop without dismantling the roof.

We lead a mutual work with hydraulic gantries manufacturers, sharing our operating experience with them. This helps us to select the best equipment and influence its performance. Detailed engineering design of each heavy lifting project guarantees our customers safety and absolute precision while installing industrial equipment components in their intended positions.

Our Group of companies also has large expertise in extensive equipment installation. We are ready to implement turnkey installation projects, from equipment acceptance at the port and preparation of foundations to mechanical assembly, electrical installation, welding, and commissioning support.

We're not only focused on end customers – equipment owners and manufacturers. A special division of 100 TONN Group serves installation companies and EPC contractors. They're interested in our expertise in crane-less equipment installation and heavy lifting. Our unique technology and experience are at their service.

Working with a leader means getting the best solutions: the most hi-tech, the most reliable, the most cost-effective. Crane-less heavy lifting is a specialized field, a complex and specific technology. Delegate important work to a market leader, don't waste your time on those who are catching up. Leave them to your competitors.

Sincerely, Alexander Gaab,
Managing Director of the 100 TONN Group of Companies

STRAND JACKS

Strand jack is a high-capacity equipment that allows you to lift loads to a height or lower them to a depth steadily, without jolts or jiggle.

They can be used either as independent lifting units - with support on metal structures, or as a part of other lifting mechanisms, such as hydraulic gantries.

The fleet of our company includes four strand jacks with a combined lifting capacity of 800 tons. To expand their application capabilities, our company designed and manufactured a specialized support tower. This tower features a modular design and can be used for lifting equipment to various heights.

Strand jacks are widely used in the power industry for installing and assembling generators, turbines, and other power plant equipment. The other scope of application is construction and modernization of oil and gas production, oil refining, and petrochemical facilities. Strand jacks are also employed in the construction of custom structures, the assembly of tunnel boring machines in subways, and also in shipbuilding and bridge construction.

Smooth cable movement during lifting or lowering increases the speed of work and makes it safer. The computer program, which helps the operator to control the process, monitors the synchronicity of the movement of the oversized load.

Temirtau Power Plant, Karaganda region.
Installation of a 95-ton boiler drum at a height of 36 meters. Equipment lifting inside a narrow space.

**Floating drilling platform «Northern Lights», Sea of Japan.
Removal of four azimuth thruster units.**

Hydraulic gantry system is a set of four self-propelled hydraulic lifts (legs).

Our gantries can act as an alternative to truck cranes and are ideal for heavy lifting in confined spaces. Unlike cranes, hydraulic gantries require no space for boom extension, because the lifting equipment is contained between the gantry columns. Our lifting equipment needs only one-meter clearance between the top of the load and the ceiling. At many sites, gantries systems eliminate the necessity of dismantling walls, roofs, and piping systems. It helps to reduce project time and costs.

100 TONN.KZ LLC was the first company from Kazakhstan to use hydraulic gantries in Central Asia. Since 2008, we have completed over 1,500 heavy lifting and installation projects. Today we have the largest fleet of hydraulic gantries in Kazakhstan and neighboring countries. Our fleet includes hydraulic systems with lifting capacities of 60, 125, 200, 380, 500, and 1,100 tons – 48 hydraulic gantry columns (legs) in total.

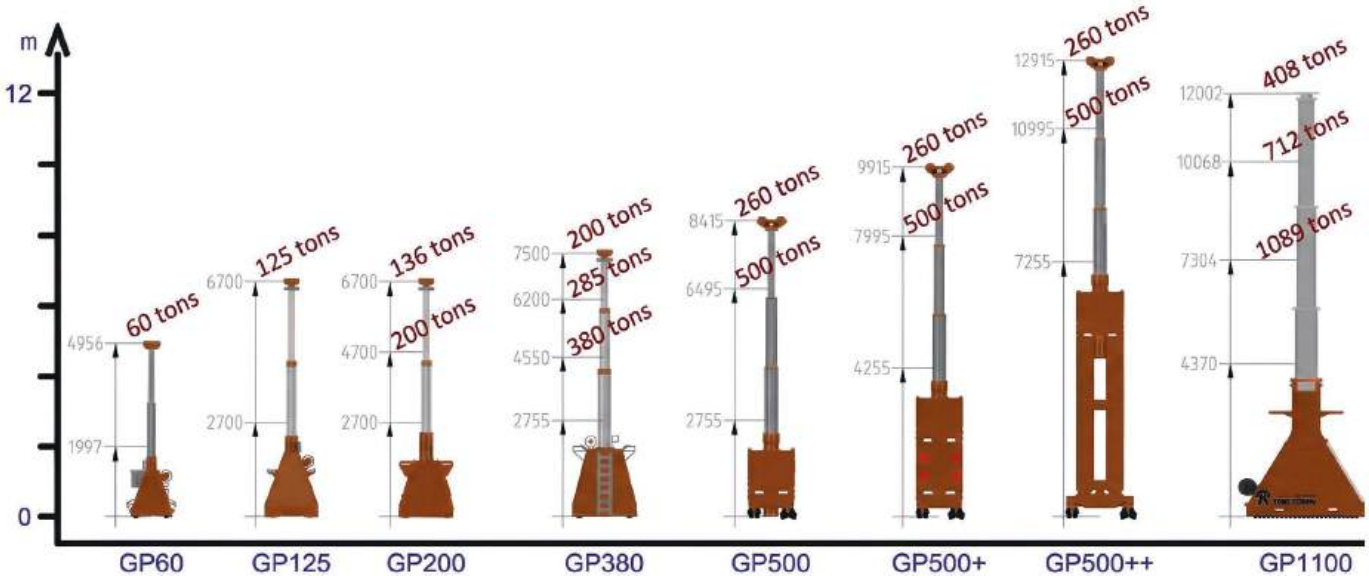
Our gantry systems ensure positioning of moving loads with an accuracy of 1 mm for equipment weighing 1,000 tons or more. Such accuracy is impossible to achieve using a crane. The legs of hydraulic gantries are compact and can reduce the cost of lifting equipment forwarding to the work site.

Our lifting equipment offers a wide range of functionality. For example, it is convenient for transshipments during multimodal transportation. 100 TONN.KZ LLC pioneered the installation of hydraulic gantries on board of barges. We also use our equipment to provide the secure tilting of oversized cargo.

Our company's specialized engineering department develops additional tools for gantry systems, expanding their capabilities. Global hydraulic equipment market leaders rely on our experience and know-hows to refine their products.

Advantages of hydraulic gantries

Safety (built-in synchronization)	Require no specific traverse
Require no space for boom extension	Lower pressure on surface
Compactness	Precise positioning (up to 1 mm)
Work in cramped spaces	



Types of hydraulic gantries.

Ceramic tile factory, Samarkand city. Installation of SACMI equipment (Italy) with GP500 hydraulic gantries. Installation of two SACMI PH3200 presses, a horizontal five-deck dryer and a high-speed roller kiln.

HYDRAULIC GANTRIES FOR EXTRA HEAVY LOADS

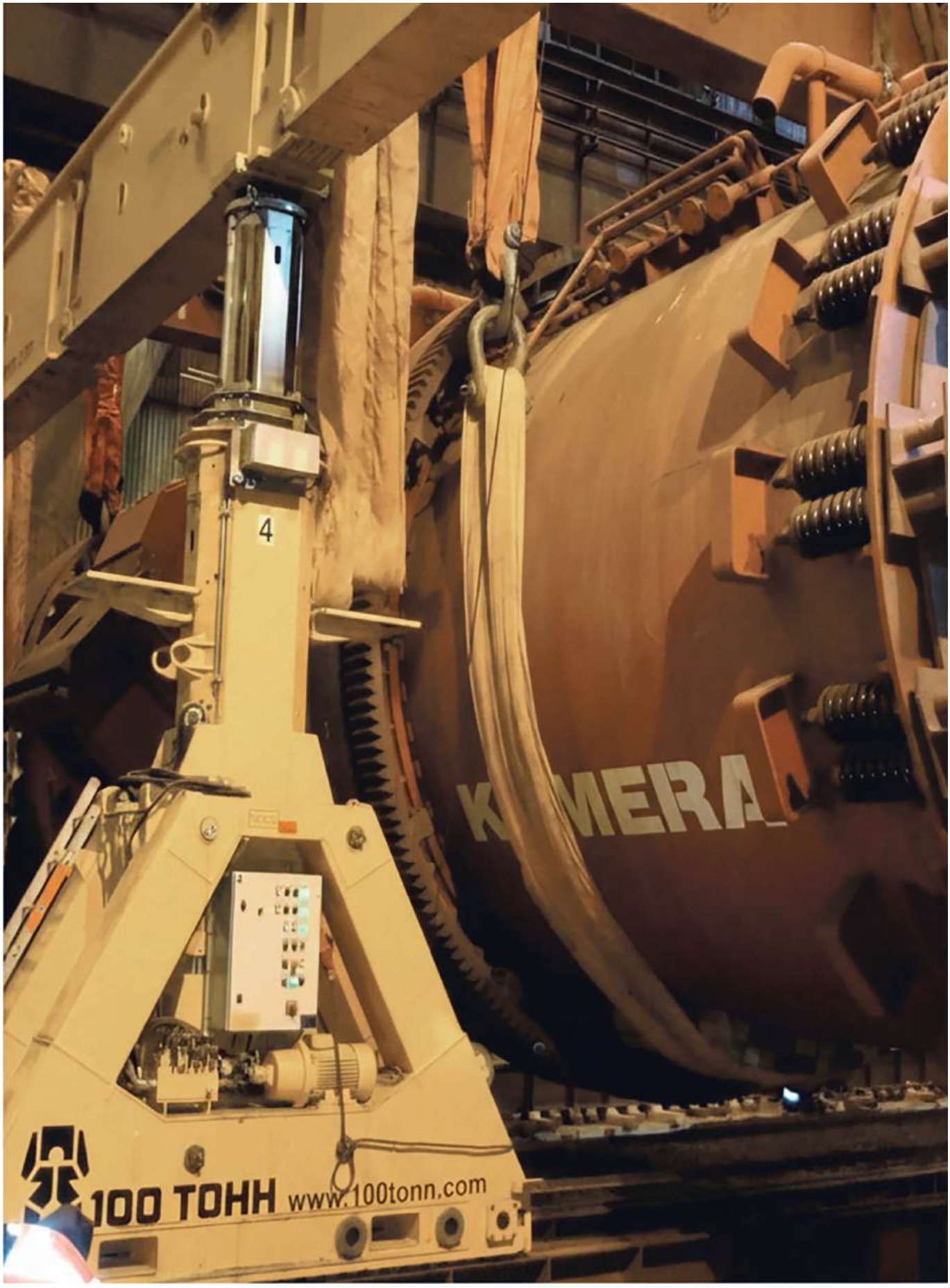
Each gantry system consists of four self-propelled hydraulic lifts (legs). These machines provide lifting, supporting, moving, and tilting of the largest equipment. They are in demand for installing and rigging presses and metalworking centers, electric generators, gas turbines, drums and other heavy loads. High-capacity hydraulic gantries are also used for complex logistics tasks, such as handling chemical reactors and other oversized equipment.

Aktobe Rail and Beam Plant, Aktobe city.
Transportation and installation on the basement of horizontal and vertical straightening machines weighing over 100 tons.
GP1100 hydraulic gantries.

Pregolskaya Power Plant, Kaliningrad city.
Installation of equipment weighing 968 tons at the same time with the construction of the turbine hall.

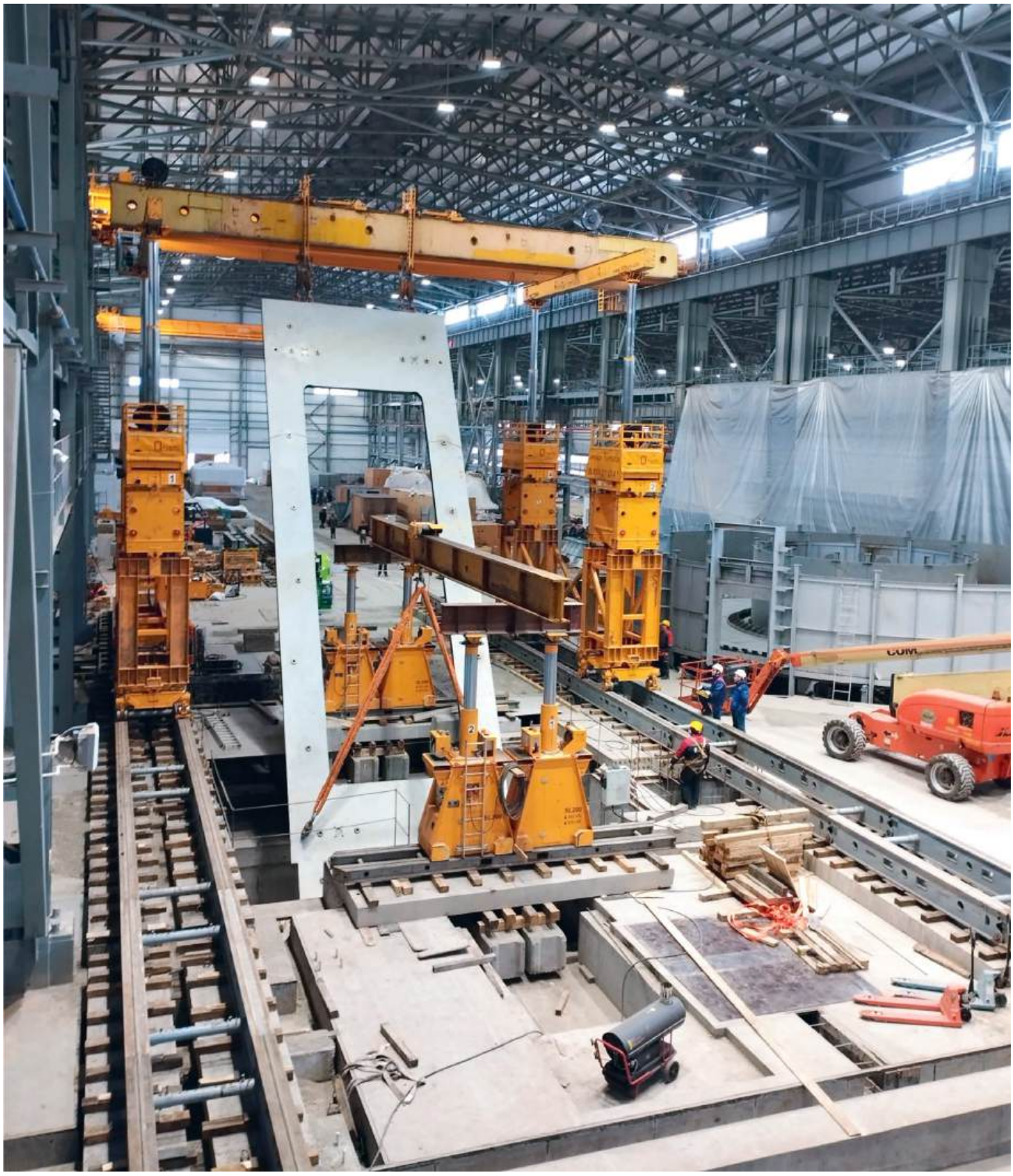
Like other gantry systems, the GP1100 moves along guide mechanisms, but not on wheels, but on tracks. This allows to reduce the distribution of equipment weight across the supporting ground.
Lifting capacity: 1100 tons
Maximum height with extended rods: 12 m
4-6 standard 20-ton Euro trucks are required to deliver GP1100 to the site.
Installation time: 4-8 hours
Leg width: 1408 mm

Energy facility construction in Shymkent city.
Unloading, 90-degree rotation, and installation of BOSCH boilers weighing 86 tons each.



Karabash copper smelter, Karabash city, Chelyabinsk region. Dismantling of an old 400-ton furnace and installation of a new 516-ton KUMERA furnace. GP1100 hydraulic gantries.

This gantry system can be supplemented with spacers. They are developed by our engineers and help to increase the maximum lifting height from 10 to 13 m.
Lifting capacity: 500 tons
Maximum height with spacer and extended rods: 12.9 m
3-4 standard 20-ton Euro trucks are required to deliver GP500 to the site.
Installation time: 4-8 hours
Leg width: 1785 mm



Railway wheel manufacturing plant, Ekibastuz city, Pavlodar region.
Assembly of two 890-ton presses and installation of an oil tank. GP500 and GP200 hydraulic gantries.

Chemical plant construction in Aktau city.
Unloading, decommissioning, pre-assembly, and installation of four Wartsila gas generator units on vibratory supports.
GP500 hydraulic gantries.

GP380 HYDRAULIC GANTRIES

Lifting capacity: 380 tons
Maximum height with extended rods: 7.5 m
2-3 standard 20-ton Euro trucks are required to deliver GP380 to the site.
Installation time: 4-6 hours
Leg width: 880 mm

Oil equipment manufacturing plant, Aktobe city.
Installation of a hot forging press. GP380 hydraulic gantries.

**Ceramic tile factory, Samarkand city. Installation of SACMI equipment (Italy) with GP380 hydraulic gantries.
Setting of two SACMI PH3200 presses to their design position.**

HYDRAULIC GANTRIES WITH MEDIUM LIFTING CAPACITY

In the majority of cases, gantry systems with lifting capacity of 60 to 200 tons are suitable for equipment installation. These systems are widely used within workshops. They are rather compact and appropriate for working in confined spaces. Their size also ensures low transportation costs. This makes medium lifting capacity hydraulic gantries cost-effective and widely used for installing various production lines, metalworking machines, printing equipment, etc.

Locomotive plant, Lyudinovo city, Kaluga region.
Wheelset replacement on locomotives and their loading onto trucks. Two GP125 hydraulic gantries operated synchronously.

Flexible packaging and polymer products manufacturing in Ust-Kamenogorsk city, East Kazakhstan region. Turnkey installation of a Soma Optima 2 printing press in a low-ceilinged space. GP125 hydraulic gantries.

GP200 HYDRAULIC GANTRIES

Lifting capacity: 200 tons
Maximum height with extended rods: 6.7 m
2 standard 20-ton Euro trucks are required to deliver GP200 to the site.
Installation time: 3-4 hours
Leg width: 882 mm

Kazogneupor plant, Rudny city, Kostanay region.
Installation of a 60-ton press. GP200 hydraulic gantries.

Kronospan plant, Ufa city, Republic of Bashkortostan.
Fan impeller removal and installation. GP200 hydraulic gantries.

GP125 HYDRAULIC GANTRIES

Lifting capacity: 125 tons
Maximum height with extended rods: 6.7 m
1-2 standard 20-ton Euro trucks are required to deliver GP125 to the site.
Installation time: 3-4 hours
Leg width: 1020 mm

KamLitKZ factory, Kostanay region.
Installation of over 40 machines and metalworking centers in the mechanical processing workshop. GP125 hydraulic gantries.

Pulp and paper mill, Novodvinsk city, Arkhangelsk region.
Reconstruction of the causticization and lime regeneration plant. GP125 hydraulic gantries.

GP60 HYDRAULIC GANTRIES

Lifting capacity: 60 tons
Maximum height with extended rods: 4.9 m
1 standard 20-ton Euro truck is required to deliver GP60 to the site.
Installation time: 2-4 hours
Leg width: 800 mm

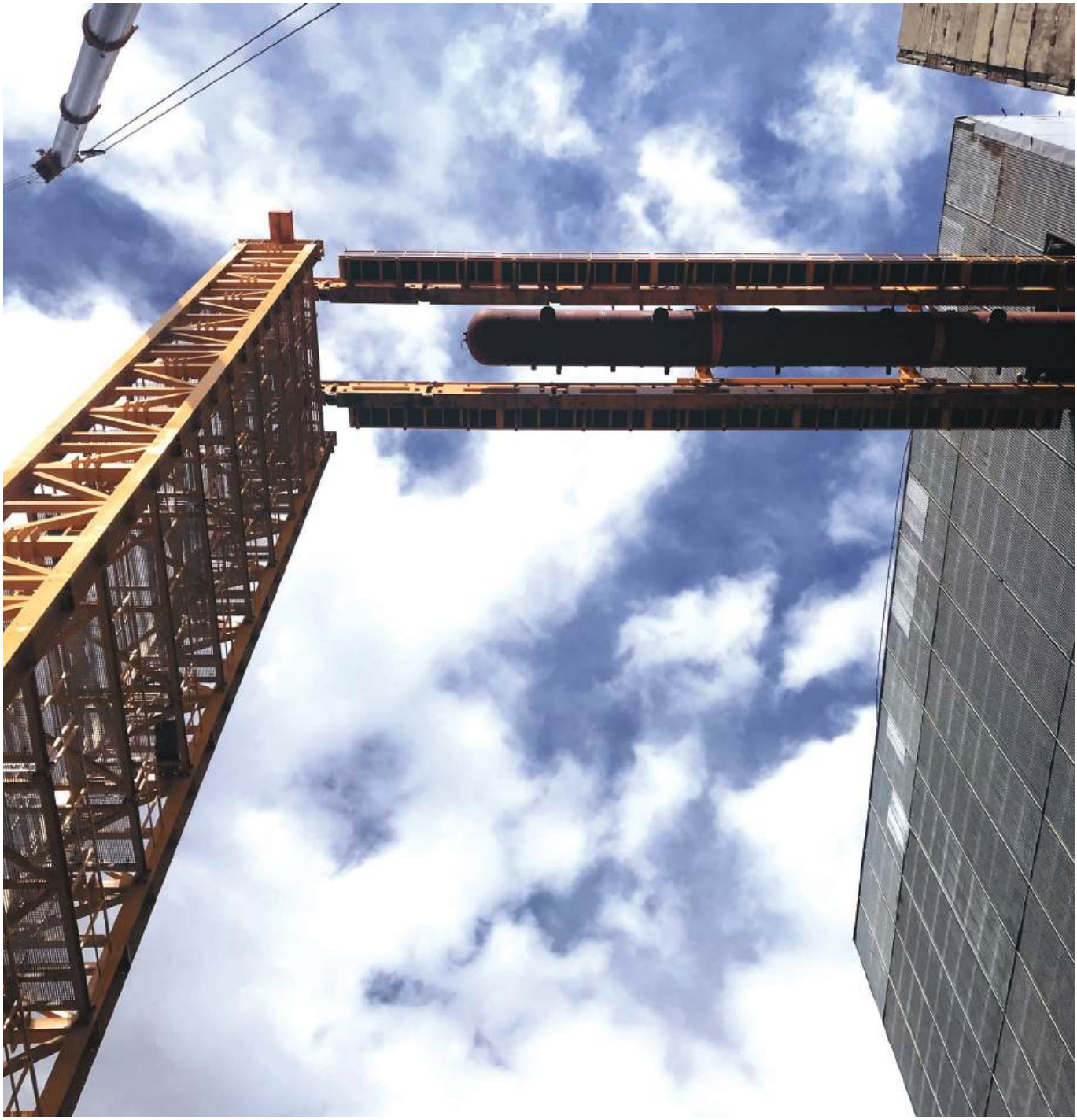
Tobacco factory, Samarkand city.
Installation and assembly of a 17-ton drum.
A GP60 hydraulic gantries and a set of trolleys with a lifting capacity of 80 tons were used for the installation.

Polymer packaging manufacturing, Tashkent city.
Installation and assembly of an extrusion machine. GP60 hydraulic gantries.

Towers are unique supporting metal structures designed by 100 TONN.KZ LLC. The towers are composed of modules that can be used in various configurations, like building blocks. Their ideal geometry is achieved by adjustable joints and the high precision of the metal structures. The external contours and dimensions of the modules are designed to minimize storage space and facilitate easy transport in trucks and shipping containers. This ensures cost-effective transportation. The tower components are fastened with bolts, allowing for rapid assembly on-site.

The towers are designed for regions with strong winds. Calculations of our engineers have been confirmed by specialists from two design institutes. The tower design takes into account all safety regulations, including the spacing between staircases, the presence of platforms, and fencing.

The towers can be used together with strand jacks to lift generators, drums, and other heavy loads to heights exceeding 40 m, to assemble tunnel boring machines for subways, and to tilt large equipment or vessels for chemical industry.



Gusinoozersk power plant, Gusinoozersk city, Republic of Buryatia.
Design, manufacturing and installation of a tower for lifting oversized drums and moving them inside the building.

SUPPORT STRUCTURES

Supports are required when unloading equipment from heavy-duty trailers, during cargo lifting, for strengthening existing structures. Supports can be made from timber of durable species (larch, oak, maple), railway sleepers, concrete blocks. However, prefabricated metal structures are the most convenient and safest, as they can be stacked together, and their strength is easily calculated.

100 TONN.KZ LLC has several dozen prefabricated modules with height from 250 to 2000 mm, and also a large number of prefabricated bridge rack structures (so-called MIK-S). MIK-S are standard 2000 mm high modules that can be assembled into a spatial structure of the required size.

Our design engineers are skilled in using MIK-S systems to solve a wide variety of problems. We use them for cargo interception, for construction and reinforcement of existing overpasses and ramps. They are suitable for filling pits and leveling floors in workshops. They can be used to install a trolley system or supports for hydraulic gantries.

By using existing standard stock components, we reduce project timelines and costs. If needed, the MIK-S can be customized with uprights, eyelets and metal plates for height adjustment in 30mm increments.

Railway wheel manufacturing plant, Ekibastuz city, Pavlodar region.
Assembly of two 890-ton presses and installation of an oil tank. GP500 and GP200 hydraulic gantries.

TROLLEY SYSTEMS

Trolley systems (or skidding systems) are used for the horizontal movement of large-sized loads. Unlike traditional sliding methods, where the load is pulled or pushed along rails lubricated with solid oil, modern skidding systems use graphite for sliding. Due to its layered structure, this material has a low coefficient of friction and does not stain personnel or equipment.

Our equipment fleet includes a 450-ton trolley system. Hydraulic jacks act as the driving force, and special panel beams, which are less susceptible to deformation than rails, are used instead of rails. The load should be put on a special platform that slides along a graphite layer applied to the beams. As a result, the moving equipment is not affected with any mechanical impact.

The skidding system can be installed not only on the ground but also at various heights. It is convenient for moving equipment between a workshop and the street, in areas with elevation differences and poor floor quality — anywhere a rigging trolley cannot be rolled.

This system is the optimal solution for moving equipment weighing up to 200 tons or more, including diesel generator sets, current transformers, metalworking centers, machine tools, and presses. This method is especially valued by companies with a high production culture.

The skidding system is compact: a 450-tonn capacity kit consists of jacks and flat metal panels measuring 5000 mm in length, 450 mm in width and 200 mm in height. This equipment is easy to store and to transport, and can be quickly launched on-site with a help of a crane or a forklift.

Packaging factory, Segezha city, Republic of Karelia.
Installation of a new SOMA Optima flexographic printing press.

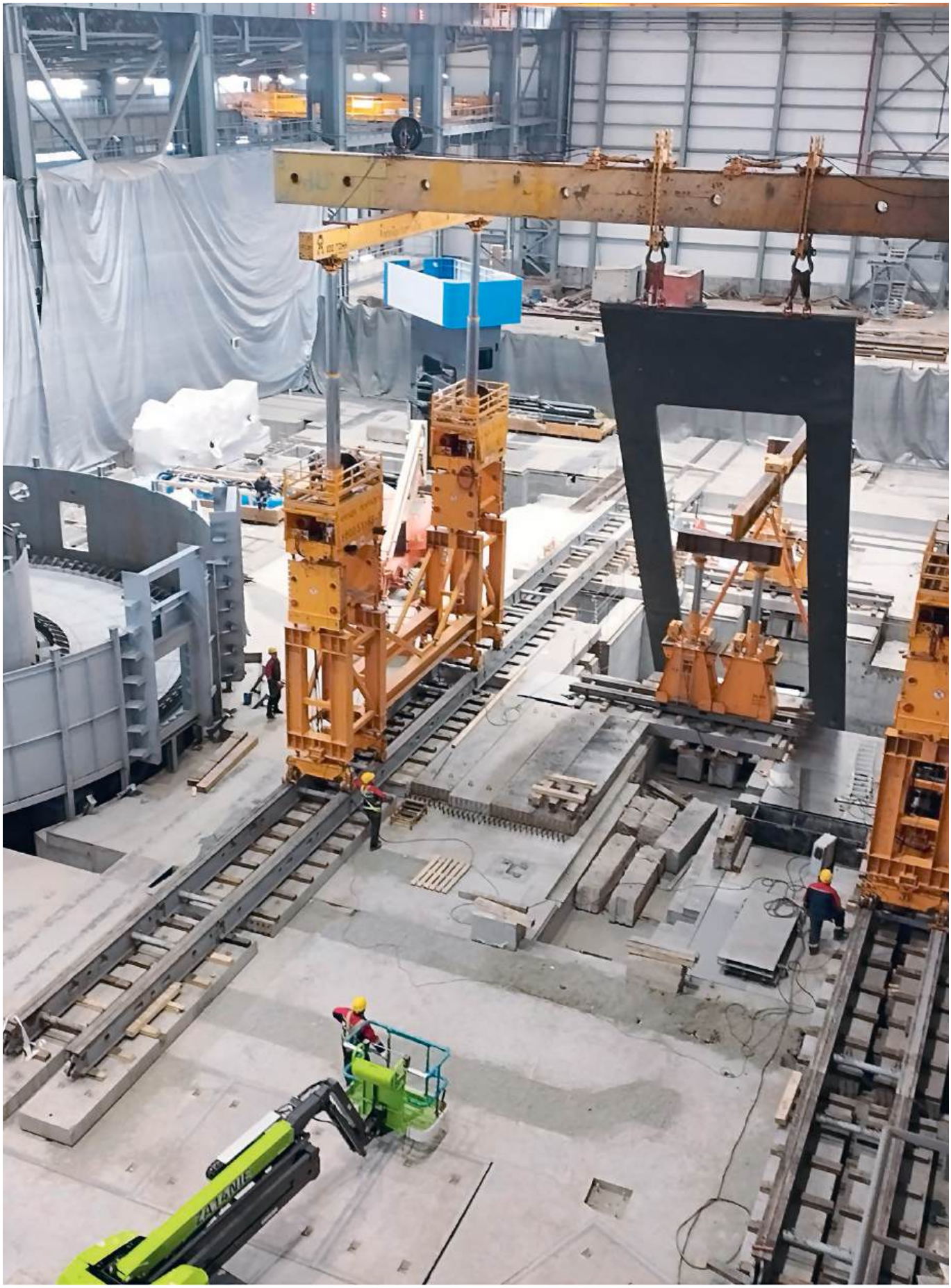
Ceramic Plant, Snezhinsk city, Chelyabinsk Region.
Replacement of the ceramic ball mill.

A turntable is a device for rotating the machine around its vertical axis. The mechanism consists of two platforms: the lower part is fixed, and the upper part rotates. The rotation is provided by hydraulic jacks: operator can simply press a button on the hydraulic power unit to turn the equipment mounted on the platform.

Our turntable has a lifting capacity of 450 tons. The base of the device is a square with sides measuring 2438 mm, and the height of the frame is 152 mm. The moving equipment may extend beyond the table's dimensions, but the center of gravity must be located within the rotary table. If necessary, beams can be put on the platform before placing the load.

Turntables are in demand in heavy industry and the energy sector. They can be used to rotate generators, turbines, presses, forging machines and other heavy equipment. In the confined spaces of workshops, such maneuvers cannot be accomplished with a help of a truck crane, and the lifting capacity of workshop cranes is typically insufficient. A turntable is ideal for such applications, allowing simple and safe rotation of the load without lifting it into the air.

**Oil refinery, Nizhnekamsk city, Republic of Tatarstan.
Installation of compressor equipment on foundations.**



Railway wheel manufacturing plant, Ekibastuz city, Pavlodar region.
Assembly of two 890-ton presses and installation of an oil tank. GP500 and GP200 hydraulic gantries.

Beams are support structures essential for heavy lifting large equipment. They are used to connect pairs of legs in hydraulic gantry systems. Beams help to distribute the weight of heavy equipment.

Beams can also be used as a bridge resting on supports. Equipment can be moved across the bridge using trolleys, skidding systems or side shifts. Thus, beams help to overcome deep foundations and pits in the path of equipment and allow horizontal movement at various height points.

The beams should be long enough for heavy lifting operations, but not excessively long, as work is often carried out in cramped conditions. For ease of transportation, the beam should not exceed 16 meters, and ideally 13.6 meters – the dimensions of a standard Euro truck. However, some projects require beams up to 20, 30, and even 40 meters in length.

This problem can be solved by using modular beams equipped with end connectors or locks. These beams can be connected to each other and built to any length, multiple of one meter.

100 TONN.KZ LLC has a complete set of European-made modules with a total length of up to 100 meters, as well as modular beams manufactured to our own design. This set of beams allows us to select support structures of virtually any length required by the customer.

Aktobe Rail and Beam Plant, Aktobe city.
Transportation and installation on the basement of horizontal and vertical straightening machines weighing over 100 tons.
GP1100 hydraulic gantries, modular beams.

Power plant, Lipetsk city.
Lifting, moving, and installing a Siemens turbine and compressor. GP1100 hydraulic gantries, modular beams.

Jacks are mechanisms for lifting loads supported by them. We have about a hundred of hydraulic jacks, low-height cylinders and machine skates with lifting capacities of up to 300 tons. Cylindrical low-height jacks are the most common. The larger their diameter, the bigger their lifting capacity. The taller the cylinder, the longer the stroke, allowing to reach higher lifting points.

In single-acting jacks, oil is pumped only into the lower chamber during lifting, and the load is lowered by a spring or its own weight. In double-acting jacks, a hydraulic unit or pump supplies oil to the lower or upper chambers for both lifting or lowering. This type of equipment allows to control the speed of lowering movement.

Low-height cylinder jacks (also known as hydraulic pancake jacks) allow you to lift equipment with only a small clearance of 3-4 cm. They are useful when it is difficult to fit a standard toe jack or cube jack under the load. They are often used in conjunction with machine skates when moving machine tools.

Some of our low-lift jacks are equipped with wheels, and it is easy to roll them across the floor.

POWERFLEX Printing House, Tashkent city.
Turnkey installation of printing equipment.

**Kronospan plant, Ufa city, Republic of Bashkortostan.
Lifting a 450-ton drying drum for repairs.**

Self Propelled Modular Trailers (SPMT) have a high load capacity and small dimensions, which ensure good maneuverability.

This type of equipment has hydraulic drive and adjustable height of the platform, so the SPMT can be used to unload heavy equipment onto supporting structures. In this case, supports are placed under the protruding parts of the oversized load, then the trailer is lowered and the load is suspended on them.

Thanks to their modular design, SPMTs can be assembled into a road train for transporting long equipment.

We use SPMT to transport equipment around industrial sites and within workshops.

**Gusinoozersk power plant, Gusinoozersk city, Republic of Buryatia.
Lifting oversized boiler drums and moving them inside the building.**

Automobile plant, Ulyanovsk city.
Relocation of forge shop equipment.

Our designers study the client's requirements and propose the optimal heavy lifting method. If a truck crane is preferred for a project, we never force the usage of hydraulic gantries or other rigging equipment.

Our customers can receive a turnkey service. We rent a crane locally, reducing logistics costs and shortening the delivery time of the lifting equipment to the site. We employ managers responsible for the safe operation of lifting equipment, as well as trained and certified slingers.

KamLitKZ factory, Kostanay region.
Installation of over 40 machines and metalworking centers in the mechanical processing workshop.

Pulp mill, Ust-Ilimsk city, Irkutsk region.
Installation of evaporation station equipment.

ALIGNMENT AND CENTERING OF EQUIPMENT

Alignment is necessary to ensure that the horizontal and vertical position of equipment strictly corresponds to the design. Centering ensures that the rotational axes of all shafts are aligned with the specified accuracy. Alignment and centering affect the lubrication conditions of mechanisms, vibration levels, operating temperature, and run-out rates of individual components, as well as the amount of energy consumed.

100 TONN.KZ LLC has the advanced equipment which is necessary to perform alignment and centering in accordance with the technical requirements of equipment manufacturers. For example, we use the following equipment:

- The Leica AT402 laser 3D-tracker provides highly accurate measurements even over long distances, including outdoors.
- The LEVALIGN Expert Parallelism multifunctional laser system for geometric alignment. It allows to make high-precision measurements in confined spaces and accounts for external vibrations, minimizing their negative impact on the results.
- Electronic tacheometers with 2" angle measurement accuracy.
- The Easy-Laser alignment system.
- The BlueClino electronic level.

Our staff includes experienced surveyors who regularly receive advanced training from measuring instrument manufacturers. Their knowledge and skills, along with meticulous engineering of technical documentation, guarantee the required alignment and centering accuracy. This ensures proper operation of the equipment, extending its service life and maintenance intervals.

Installation of the HAEUSLER expander.

ENGINEERING SOLUTIONS

To succeed in industrial heavy lifting, it's not enough to have cutting-edge equipment. It's crucial to use it correctly. You need sufficient experience to select the optimal technology and develop the necessary lifting devices and other equipment. And if standard methods and tools fail, you can offer a fundamentally new engineering solution. Our design department's expertise allows us to do that.

For example, to install power equipment above the Arctic Circle, we upgraded a 500-ton hydraulic gantry system with a three-meter spacer blocks. This allowed us to lift the load to the required height without using 1100-ton hydraulic gantries. By choosing a lighter system, we halved the weight of the equipment delivered to the site and were able to use standard all-terrain vehicles used for winter road maintenance. Furthermore, the small truck cranes available on site were sufficient for system assembly. As a result, the project cost was significantly reduced.

Our designers proposed another innovative solution for installing steam boiler drums at the 43-meter mark at the power plant in Buryatia region. Instead of lifting the large equipment inside the workshop, cutting numerous pipelines, they decided to lift it from outside the building. For this purpose, our specialists designed and manufactured special metal support structures. We lifted the power equipment to the height using strand jacks, and then inserted the drums inside through a service opening at the end of the workshop. Thanks to this solution, the customer avoided taking the power plant out of service for an extended period. The energy production was stopped for only a few hours – while the heavy boiler drums were moved over the workshop equipment.

Gusinoozersk power plant, Gusinoozersk city, Republic of Buryatia.
Design, manufacturing and installation of a tower for lifting oversized drums and moving them inside the building.

In the hands of experienced professionals, even standard equipment and tools can achieve more. Our staff's expertise guarantees masterful handling of any technical equipment and the precise implementation of the engineers' designs.

We extensively use workshop trailers to move heavy equipment around workshops and production sites. Workshop trailers are significantly smaller than a heavy-duty trailer, and they can carry loads weighing up to 40 tons. Their high maneuverability allows them to turn around in tight spaces, and their small rubber wheels won't damage polymer floors.

Rolling carts are even more compact and maneuverable equipment. Their height ranges from 110 to 180 mm, allowing them to easily maneuver large equipment through gates, under low-lying overpasses or under pipelines. They are ideal for moving long and complex loads. We stock a wide range of roller carts from European manufacturers with load capacities of up to 120 tons, including sets with polyurethane rollers, steel wheels, and tracks.

Hydraulic pallet trucks, stackers, winches, chain and cable hoists, and other low-mechanization equipment help 100 TONN.KZ operators to perform various lifting operations without using muscle power. In the cases where others work at the limits of their physical capabilities, our specialists rely on their experience and intellect.

**KamLitKZ factory, Kostanay region.
Installation of a sand regeneration plant.**

POWERFLEX Printing House, Tashkent city.
Turnkey installation of printing equipment.

АКЦИОНЕРНОЕ ОБЩЕСТВО
"АКТЮБИНСКИЙ ЗАВОД НЕФТЯНОГО ОБОРУДОВАНИЯ"

«АҚТӨБЕ МҰНАЙ ЖАБДЫҒЫ ЗАУЫТЫ»
АКЦИОНЕРЛІК ҚОҒАМЫ

№ _____ от «_08_» ____12____2023 год

Господину Орлову В.Е.
Директору ТОО «100 тонн.кз»

Уважаемый Владимир Евгеньевич,

В период 28.09.2023 – 03.10.2023 в рамках договора между АО «Актюбинский завод нефтяного оборудования» и ТОО «100 тонн.кз» компания «100 тонн.кз» выполнила работы по подъему/опусканию, перемещению, боковому перемещению и установке в рабочее положение Горизонтального Горячe-ковочного Пресса 6300KN общей массой 40 тонн на предприятии АО «Актюбинский завод нефтяного оборудования» в г.Актобе.
Работы выполнялись с применением современного такелажного оборудования компании 100 тонн – портальной системы GP200, такелажной оснастки.
Проект осуществлен под руководством Сайфудина И.Ш. (Руководитель Проекта), Главный Инженер Проекта – Побережнюк Р.Д., Руководитель Работ – Калугин В.Ю. Команда 100 тонн работала высокопрофессионально, оперативно и слаженно.
Требования по охране труда, технике безопасности и пожарной безопасности выполнены в полном объеме. Работы выполнены качественно и в установленные сроки.
Благодарим компанию ТОО «100 тонн.кз» за сотрудничество и рекомендуем как надежного партнера при проведении аналогичных работ!

Заместитель Генерального
Директора по производству Ю.Хвостов

«КАЗОГНЕУПОР 2015» ЖАУАПКЕРШІЛІГІ
ШЕКТЕУЛІ СЕРІКТЕСТІГІ

ТОВАРИЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «КАЗОГНЕУПОР 2015»

ЗАВОД КАЗОГНЕУПОР

От 28 ноября 2024 года № 1023

ТОО «100 ТОНН.КЗ»
Директору
В.Е. Орлову

«Отзыв о выполненной работе»

Уважаемый Владимир Евгеньевич!

В рамках договора 100 ТОНН.КЗ выполняла работы по погрузке, перемещению, кантованию и установке основания пресса массой 31 т и короны пресса массой 29 т. Для выполнения работ была применена гидравлическая портальная система г/п 200 т.

Опыт и профессионализм сотрудников компании 100 ТОНН.КЗ позволил выполнить работу безопасно, точно по графику и в соответствие с ППР.

Благодарим компанию 100 ТОНН.КЗ за сотрудничество и рекомендуем, как высококвалифицированного партнера.

Гл. инженер «Казогнеупор 2015» *Артамонов Д.В.*

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QAZ ENERGY BUILDING

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Исх.№ 15-06/2
«15» июня 2023 г.

Директору
ООО «100 ТОНН ПРОМЫШЛЕННЫЙ ТАКЕЛАЖ»
г-ну Глазырину Е.В.

Уважаемый Евгений Владимирович!

Фирма ТОО "QazEnergyBuilding" выражает искреннюю благодарность Вам за безупречно выполненную работу в установке барабана в проектное положение на объекте ТЭЦ-2 города Темиртау.

Мы глубоко уважаем Ваше преданное отношение к выполнению своих обязанностей, а также аккуратность и тщательность, с которыми Вы выполнили все поставленные задачи. Ваша способность работать в команде и эффективно сотрудничать с нашими сотрудниками вызывает восхищение и является примером профессионализма.

От лица всей команды ТОО "QazEnergyBuilding" хотим отметить, что Ваш профессионализм и первоклассное исполнение наших требований оставили в нас самые положительные впечатления. Мы надеемся на дальнейшее сотрудничество с Вами и обратимся к Вам за консультацией и помощью в будущих проектах.

Еще раз хотим выразить огромную благодарность Вам и всему коллективу ООО "100 ТОНН ПРОМЫШЛЕННЫЙ ТАКЕЛАЖ " за уникальное качество работы и профессионализм. Надеемся на дальнейшую плодотворную и успешную совместную работу

Директор Ли С.М.

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Директору
ТОО «100 ТОНН.КЗ»
Орлову В.Е.

Отзыв о работе

В рамках реализации проекта по договору № 24 - 7277-53 от 30.07.2024 компания ТОО «100 ТОНН.КЗ» выполнила комплекс сложных такелажных работ по перемещению, сборке и установке крупнотоннажного оборудования на фундамент:
1. Маслобак массой - 60 тонн.
2. Ковочный пресс Schuler MHFT-10 массой - 94 тонны.
3. Пресс Schuler MH - 10000 общей массой - 890 тонн.

В период выполнения работ компания ТОО «100 ТОНН.КЗ» показала свою заинтересованность в выполнение международного проекта. Инженерный состав 100 ТОНН всегда был на связи, оперативно решал поступающие новые задачи и предлагал технически правильную и безопасную технологию работ. Сотрудники на площадке выполняли работы безопасно и технически правильно. Также в период выполнения работ сотрудники 100 ТОНН на площадке при необходимости вносили корректировки и улучшения в такелажный процесс, тем самым команда 100 ТОНН показала свой высокий профессионализм. По итогу завершения проекта, с уверенностью рекомендуем компанию 100 ТОНН как надежного партнера!

Заместитель Генерального директора, ТОО «MESSOR PROJECTS»

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