



Lifting and handling loads Industrial weighing solutions



www.dinaksa.com

Grupo
DK DINAKSA
Soluciones en pesaje industrial



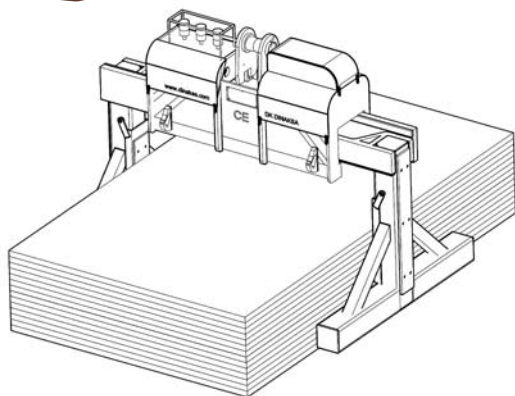
ELECTRONIC COIL TONG WITH MOTORIZED ROTATION.



200mm
electronic red
LED display.



Coil Tong with integrated
weighing system and via WI-FI
data transmission system.



Sheet-iron lifting clamp / Sheet lifter

DINAKSA COIL TONGS are specially designed and manufactured to optimize the movement of large tonnage coils in iron and steel or paper industries.

Our engineering department calculates and projects the machine depending on the size of the coils, the material to lift and its weight, space requirements, height of buildings, and types of cranes.

If required, our DINAKSA engineering team can incorporate a precision weighing system, alarm-systems with connection to computers. Our anti-rotation system avoids the inaccuracy resulting from inertial movements of the load.

Its electro-mechanical drive elements and redundant safety systems avoid the opening of the arms during maneuvers with suspended load, and therefore minimizes the possibility of an accident.

Advantages

Increased operational productivity.

Maximum safety in handling large tonnage coils. Reduction of errors and damage to people and product.

Better use of storage space by reducing the space required between streets and in height.

Perfect handling for loading/unloading transport vehicles (lorries, railway, etc).



Motorized rotating crane bottom block and taylor-made lifting beam

MOTORIZED ROTATING CRANE BOTTOM BLOCK.

Dinaksa motorized rotating lifting blocks are equipped with a 360° geared motor driven system connected to the hook block. This mechanism allows an accurate and safe load location.

These lifting blocks are designed and constructed in accordance with FEM regulations, and suspensions hooks according to DIN 15401 and DIN 15402.

Dinaksa can offer its wide experience and knowledge in the field of weighing as well as its taylor-made service, by integrating devices such as load displays, data transmission system via WI-FI to a computer, printers to certify weight data or similar.

Advantages

Avoid the free rotation of the load produced by inertial or translational speed forces or wind forces in outdoors operations.

Increase security for people and loads, with alert systems and load limiters.

Optimal productivity: accurate positioning of the load in a fast, convenient and simple way.



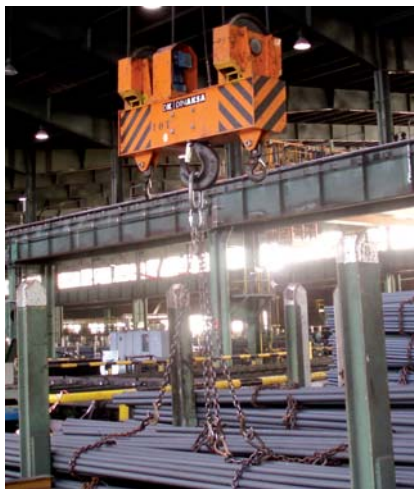
Motorized rotation crane bottom block with integrated weighing system.



50 T Motorized rotation crane block with integrated interlocking mechanism.



Motorized rotating lifting beam with crane C hook



Motorized rotating lift beam with integrated weighing system and data transmission system via WI-FI.



50 T Materials rotator with weight limiter function and rotating pieces weight capacity, and transmission of weights' data to electronic display

MOTORIZED ROTATING LIFTING BEAM AND ROTATORS.

Dinaksa Lifting beams are cargo fastening devices in unstable equilibrium situations. This intrinsic feature makes its construction a seemingly simple task, but requires hugely technical knowledge in its design and manufacturing. The load and operators' ultimate security depends on a perfect calculation, made by high qualified specialists in elevation fields.

Dinaksa designs and builds all the load lifting beams under the strictest safety regulations. The range of design models and integrated options is as wide as the different types of loads to lift and factory's layouts could be: girder swings, H or X formats, motorized telescopic devices (arms and hooks), etc.

The customer can choose among different lifting modes such as center ring, sling system, or others.

Advantages

It allows handling both large and high weight unsteady loads with a decentered center of gravity.

Total adaptation to a very varied and wide range of loads. Boats, sculptures, large blocks of stone, stamping tooling, wind mill turbines, etc.



Special crane hook bottom block with anti-caloric protection for foundry industry

SPECIAL CRANE HOOK BOTTOM BLOCKS.

Dinaksa designs and manufactures highly technical and complex lifting gear to meet our customers' special needs.

Capacities over 30 tons, up to 250-300 tons.

Special requirements for design:

Industrial plant layout: dimensions, height, orientation, structure..

Weighing control systems

Type of crane, pulleys, branches, special shapes,...

High-demanding-environment places of work:

High temperatures: Foundry industry

Explosion hazard: Oil / Gas sector.

High salinity and / or humidity: Naval Sector, Fisheries, Aquaculture.

Corrosion: Chemical Sector.

Sand / Dust: Extractive Sector, Mining, Quarries, Cement...



Special crane hook bottom block with integrated weighing system.



50 T. Three pulleys lifting gear with integrated weighing system.



C- HOOK with big dimensions



lifting beam with integrated weighing system.



C-Hook for iron/steel coils.

C-HOOKS AND LOAD LIFTING BEAMS.

Dinaksa C-Hooks and Lifting beams allow the loading and unloading of sheet, steel, or wire coils, etc. on a safe and easy way. Most cases, these products have to be tailor-made depending on the size, form and weight of the load.

For its construction we use special steels with a high elasticity limit, laser cutting and last generation welding.

The structure, elements and counterweights are accurately calculated to achieve a safely load lifting and it also can be fitted on request with sling shots of chain or cable.

Advantages

Flexible system for cargo handling. It is very useful for round hollow bodies as wire, coils, concrete top slab, and similar.

Total adaptation to the type of load, due to the detailed study made by our engineers.



20 T. Special lifting beam for containers.



Permanent electromagnetic lifting beam for steel sheets

MAGNETS AND PERMANENT ELECTRO-MAGNETS

Magnetism is one of the main usual systems in ferric-cargo handling. The intrinsic characteristics of the permanent magnets' technology assure a long life for these equipments.

The permanent electro-magnets do not require a continuous source of energy during the load lifting and moving phases. The energy consumption is only reduced to the phases of magnetization and demagnetization.

Advantages

Increased productivity of the equipment due to its easy and fast transferring ability between cranes.

Increased safety levels for people and loads.

Open versatility of use; they are perfectly suited to flat, round, or square structures.



Load operation of a large block of special steel.



Manual telescope lifting beam with permanent electro-magnets.



Permanent electro-magnet for flat pieces.



Permanent electro-magnet for flat and round pieces.



Magnetic lifting beam with permanent electro-magnets.

PRESENTATION

Dinaksa Pesaje has been focusing, for more than 30 years now, in the design, development, manufacturing and marketing of a wide range of industrial weighing systems and lifting equipment for heavy loads.

Its strong commitment to product & service quality, technological innovation and the constant compromise with our clients in search of solutions to their needs, are the main values of DINAKSA, and conduct our human team to become a leader reference in the lifting and handling industry.



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