



Güralp Cranes Systems | Technological Quality
Environmental Products



Güralp produced modern products with quality & innovation

Güralp ve Makine Konstrüsyon Sanayi ve Ticaret A.Ş, always aims to use proper material and Technologies. Along this regard we embraced total quality management philosophy parallel to TS EN ISO-9001:2008 Quality Management System Standard and stated all processes to improve company main targets.

Güralp implemented application such as 5S, KAIZEN, Zero-defect Policy, Problem Solving Teams, Failure Mode and Effects Analysis (FMEA) in order to increase its continuous improvement culture and competition power to provide proper products rights on for its customers.

Güralp Vinç aims to become a leading reputable company in cranes industry by;
Considering customer satisfaction always in the first place.
Proving conformity to all National and International legislation and standards.
Integrating technological and social developments to present convenient solutions regarding the world standards.
Being a part of the natural environment
Adopting the workplace safety and health as a principle for each worker

“CERTIFICATES”

TS EN ISO 9001:2008 Certificate of quality management - TÜV
TSEK “Certificate of acceptance all criteria” - TSE
HYB “Certificate of service acceptance” - TSE
Certificate of after sale service – MINISTRY of INDUSTRY
Certificate of warranty – MINISTRY of INDUSTRY
Main product CE Marking – BUREAU VERITAS
EN 1090-1 Certificate of Steel structure manufacturing acceptance – TÜV SÜD
DIN EN ISO 3834-2 Certificate of welding quality – TÜV SÜD
EN473 ISO 9712 Certificate of magnetic parts control acceptance (LEVEL II)
EN473 ISO 9712 Certificate of PENETRANT particles control (LEVEL II)
EN473 ISO 9712 Certificate of Ultrasonic particles control (LEVEL I)
EN473 ISO 9712 Certificate of physical control acceptance (LEVEL II)



MEMBER of ;

European Materials Handling Federation

TÜV SÜD
ISO 3834-2



TÜV SÜD
EN 1090-1

Crane Systems



Special cranes 150 + 50t



Special design "latching cranes"



Designed for the optimum operational control of hoisting, traverse & traveling cranes



Specific design for specific requirements – Safety & Quality compliance with local/international standard



Various range of power supply with wide range of Amperage even for special applicatio



Our TG type end carriages have been designed suitable for DIN 10070, DIN 10074 and Fem standards. The sheet material of such products are S235JR. Standard profile material is S235JR and S335G3 quality. Our designs are checked for static analysis and buckling controls via CosmosWorks software. All the end carriage groups are designed as to drive the wheels directly and we have many speed options in standard (20-30-40 m/min). All the gears of motorized gearboxes are operating inside a closed volume with oil bath. There's no need for the replacement of the gearbox oil. All the gears are fabricated as helical type gear. All the gear groups are applied carburisation and normalization heat treatment processes. The gears and wheels are grinded and so that their efficiency increases whereas silent operation is provided. Motors are suitable for IEC standard, squirrel caged, having 400VAC nominal voltage, 3 phase, 50Hz, with F class isolation, S1 working class, minimum IP55 protection class and equipped with electromagnetic disc brakes. Regarding wheel designs, the wheel reactional forces are checked for the designs and diameter of the wheels are determined accordingly. As the material selection, GGG70 ductile cast iron which is abrasion resistant is used. In order to provide the easy mountability, moment armed type connection has been preferred. The wheel are equipped with deep groove ball bearings and spherical roller bearings that can be exerted axial and radial force have been preferred. Our main goal about our designs is to provide high-quality products to our customers with mountability easiness, service easiness, ergonomical view using less workmanship and benefiting from the opportunities that the technology provides us.

End Carriage

Maximum stability – rigid box design with reinforced connection featuring a welded diaphragm as well as engineering tolerances in the crane girder connection guarantee high inherent rigidity and optimum travel characteristics with minimum wear

Travel drives

Maintenance-free drives with anti-friction Bearings lubricated for life, generous bearing arrangement to accommodate horizontal forces and travel wheels made of Spheroidal Graphite Cast Iron provide for favourable travel characteristics and minimum crane runway wear

Trolley/Crabs

Offer you a virtually unmatched deadweight /load capacity ratio. They are also characterized by their outstanding crane geometry, ensuring extremely favourable travel characteristics. The particularly generous lifting height is Derived from the fact that the crane hook Can be raised between the two girders. Depending requirements, double-girder OTC's can also be equipped with an on-board operator cab.

Optional platforms, walkways and walk-on crabs not only facilitate crane maintenance but also ensure that your building features such as lamps, radiators and supply/extraction lines can be quickly and easily reached.

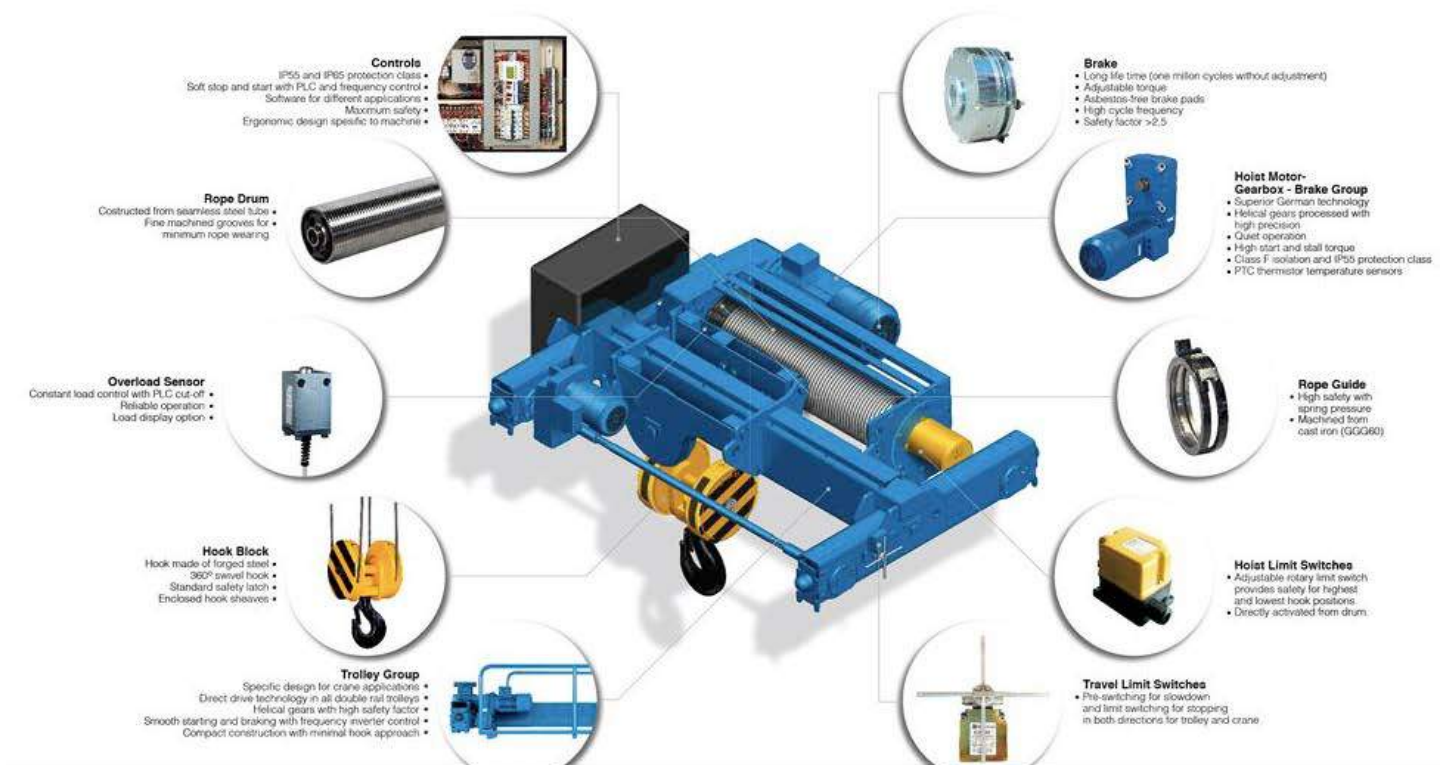
Power supply to the crab via shock-hazard-protected Compact busbar or highly flexible flat cable Pendant control separately mounted on main girder for independent mobility



Güralp factory fabricate up to 40 m span of girder



Workstation cranes with chain hoist



Technical data:

<u>Standard Hoists</u>	up to 80 t
<u>Span</u>	up to 40 m
<u>Long travel speed</u>	up to 120 m/min
<u>Cross travel speed</u>	up to 20 m/min
<u>Hoist speed</u>	up to 20 m/min

Some of the Key Elements on our Guralp Hoists:

- Strong structure body.
- Spring equipped casting wire rope guide.
- ABM hoisting drives (Contactor control or VFD control options).
- VFD control standard for horizontal movements.
- Hinged (mentioned as “pivoted” or “jointed” in some literatures) double girder trolley end carriages.
- Electronic Load cell against overloading. Since it's electronic, the opportunity to make different applications (digital load display, load dependent speed control etc.).
- PLC equipped control panel providing basic Hoist Monitoring System data and controlling the hoist independent of the operator when necessary.

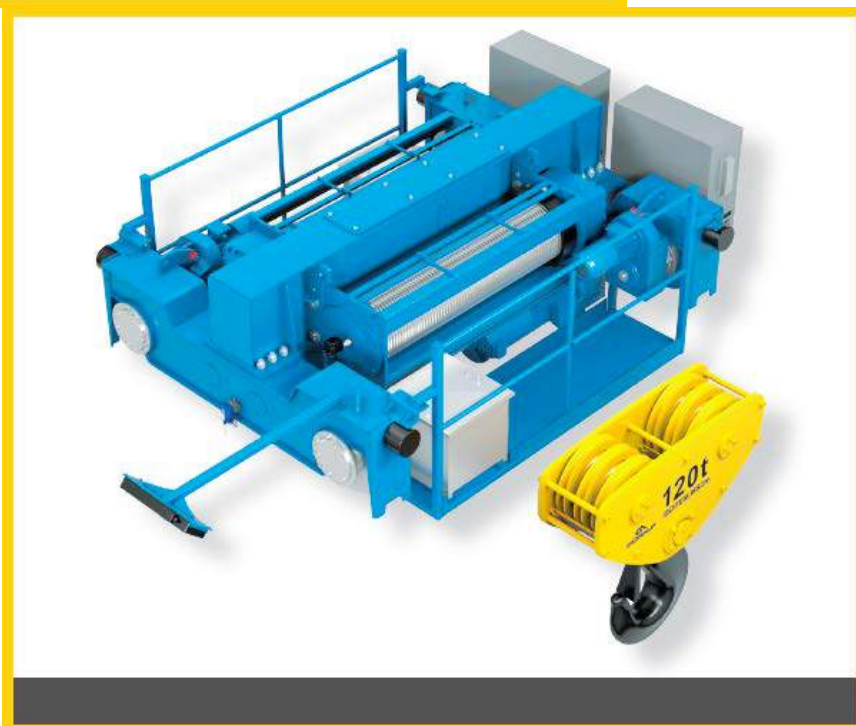
Non Standard hoist – Customized to suit your requirements



Technical data:

Non Standard Hoists starting from 85 t

<u>Span</u>	up to 40 m
<u>Long travel speed</u>	up to 120 m/min
<u>Cross travel speed</u>	up to 20 m/min
<u>Hoist speed</u>	up to 20 m/min



Versatile solutions for a wide range of applications



Full Gantry Cranes



Wall Mounted Travel Jib Arm



Electric Chain Hoist 250~2000kg



Special cranes (for reference 100+50t)



Double Arm Pillar Slewing Jib Cranes



Double Girder Overhead Cranes with Grab Bucket



Single Girder Overhead Cranes



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