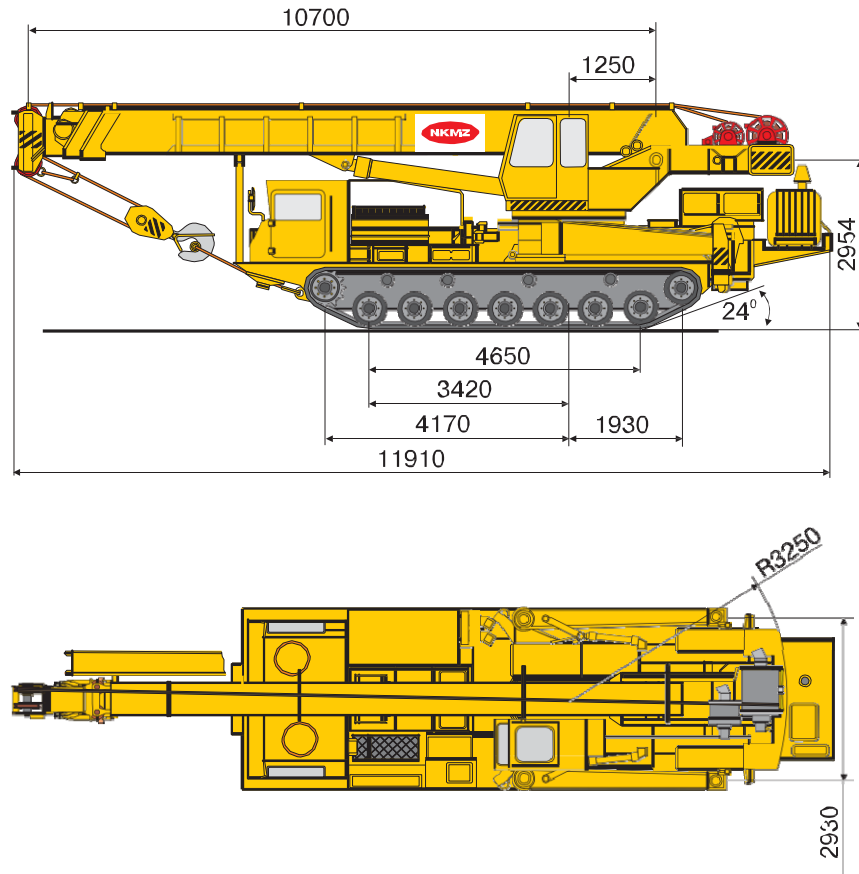


**Handling and special-purpose equipment.
Self-propelled jib-type cranes. Crawler jib-type cranes.**

SPECIAL CRAWLER CRANE KTC-25



The jib-type self-propelled full-revolving crane on the crawler chassis of KTC-25 model is intended for construction-and-erection, reloading emergency recovery works associated with frequent relocation along roads and off-the-road with significant distances between objects.

The crane KTC-25 can work with the main hook on a telescopic boom with the length from 9 to 27 m, as well as with the auxiliary hook when installing the extension 8.5 m or extension 8.5 m with a jib boom 7.5 m on the 27m jib.

Crane mechanisms located on the revolving portion are driven by axial piston hydraulic motors and hydraulic cylinders powered by pumps located on the undercarriage. The pumps are driven by the diesel power plant.

The use of crane mechanism hydraulic drive provides a wide range of regulation of operating speeds and combination of operations.

The crane power plant is designed for the drive of the crane mechanism on the revolving portion and the outriggers of the stability providing system. The use of its own power plant for crane operations can significantly increase the fuel economy and the resource of the tractor motor.

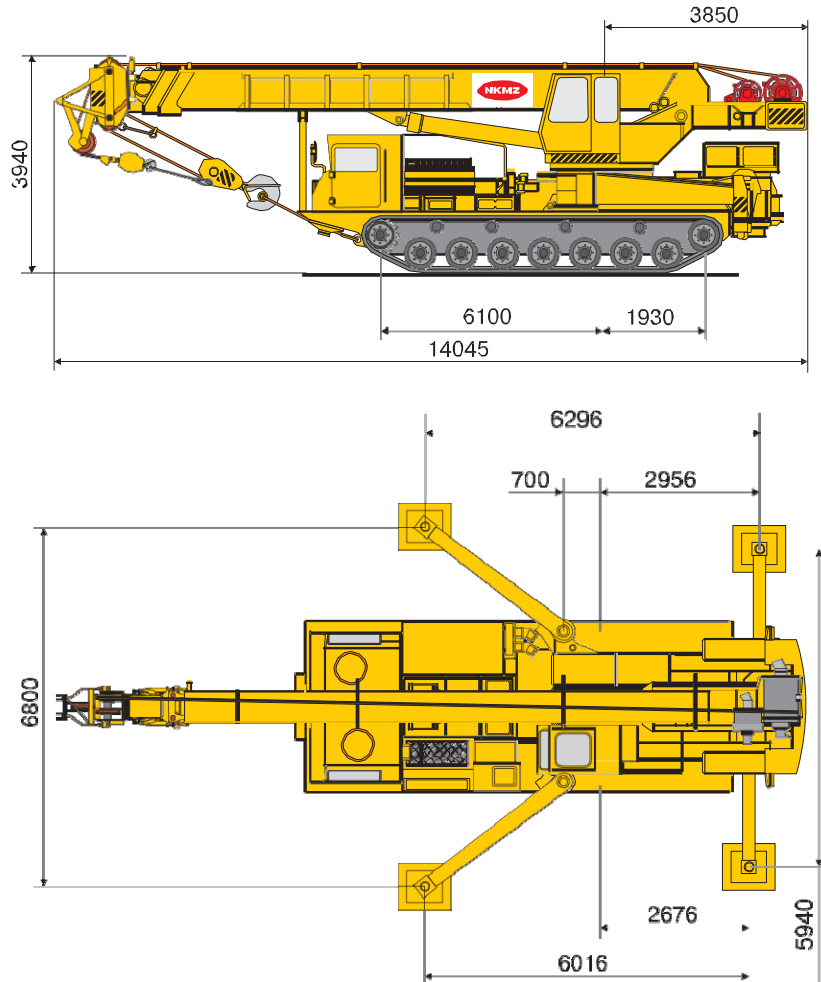
The crane chassis is a heavy multi-purpose crawler tractor hauler MT-T, which provides the crane with increased cross-country traveling ability and mobility.

The crane is equipped with highly effective protection equipment ensuring the safe conduct of work in various modes. It has a large memory capacity, which can significantly expand the crane operational capabilities.

The crane is designed to operate in areas with a temperate climate in the temperature range from -40°C to +40°C.

**Handling and special-purpose equipment.
Self-propelled jib-type cranes. Crawler jib-type cranes.**

SPECIAL CRAWLER CRANE KTC-50



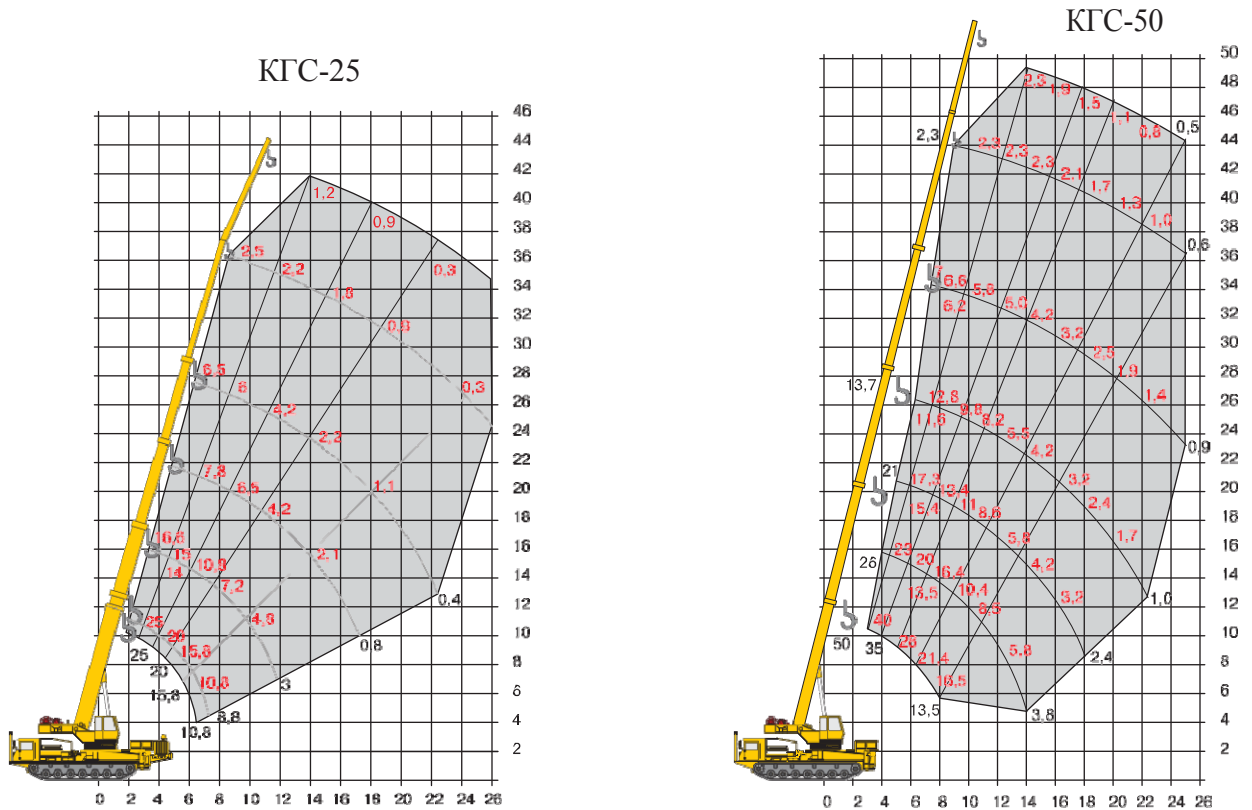
The crane is designed for loading and unloading, construction and erection works in the buildings and structures construction, emergency recovery and erection works, as well as in the exploration and development of oil and gas fields in little-developed and difficult-to-reach areas for wheeled vehicles with difficult road conditions and with significant distances between objects.

A four-section telescopic jib made of high-strength steel with the length of 10-35 m provides significant cargo-carrying characteristics at all heights. The long-stroke hydraulic cylinder and cable system provide synchronous forceful extension of the sections. Two extensions allow the crane, the only one of its class, to reach a load-lifting height of 50 m.

The multi-purpose high-speed tractor hauler MT-T is used as a chassis, which provides the crane with excellent off-road capability and the ability to work at low temperatures of the Arctic Circle and in the hot sands of the Karakum.

The chassis motor is the two-stroke multi-fuel diesel motor with the capacity of 360 h.p. at 2200 rpm, also used as the crane pump station drive. To expand operational capabilities, an additional pumping plant with the electric motor drive powered by the State mains or external source was installed on the crane. The crane uses standardized elements produced by industry and enterprises of Ukraine and the CIS. Unification of units, mechanisms and parts of crane equipment of neighboring crane size groups is provided.

Handling and special-purpose equipment.
Self-propelled jib-type cranes. Crawler jib-type cranes.



Technical characteristics

Parameter name	Value	
	KGC-25	KGC-50
Load-lifting capacity with outriggers, t	25	50
Load-lifting capacity without outriggers, t	4.4	15
Maximum outreach, with outriggers, m	22,4	25
Minimum outreach, with outriggers, m	3,25	3,0
Lifting height of the maximum load, m	9.5	10.5
Load lifting height using auxiliaries, m	42	50
Power of the transport motor, h.p.	710	360
Traveling speed, km/h: - by concrete highroad - by dirt road	45 40	25 20
Cruising fuel range, km: - by concrete highroad - by dirt road	800...900 500...600	800...900 500...600
Specific soil pressure, kgf/cm ²	0,79	0,93...1,03
Climb gradeability, deg.	32	20
Depth of water obstacle to be moved across	1,3	1,3
Structural mass, t	45	54,5