

Jack`s stationary equipment 160, 200 tonn (EU)

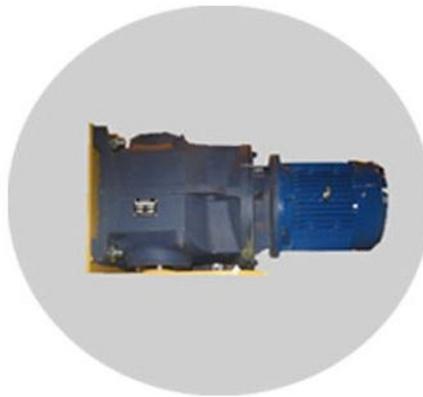
Primary function and application characteristic

Purpose of equipment – lifting locomotives, passenger and freight carriage and railway tanks, weighing no more than 200 tons. Equipment consists of 4 jacks of various modifications. Ambient temperature at operation of installation has to be ranging from -35 to +40 C °.

Production is certified for application in the European Union and passed necessary tests, including for radio magnetic compatibility.

Main features of model

1. The import geared motor is located in the top part of stand that gives the chance to work with import carriage and locomotives, and also protects knot from damages when performing repair work.



2. Reinforced design. The increased horizontal departure of the carriage from an shaft of the cargo screw. The running screw is protected by covers from hit of dirt, dust and foreign subjects.



3. Jacks are equipped with infrared sensors which make an emergency stop of jacks at getting of foreign subjects or the personnel in "dangerous zones", at rise or lowering.

4. The control system of jacks includes sensors of vertical movement of carriages and frequency converters with the PLC controller that allows to provide smooth start-up and synchronization of the 2nd or 4th jacks with an accuracy of 1 mm.



Technical feature

characteristic	value
The maximum departure of a sliding beam of a jack from an axis of the cargo screw, mm	not less than 750
Minimum height of a cargo platform of a jack, mm	no more than 650
Maximum height of a cargo platform of a jack, mm	no more than 2250
Speed of raising of a platform cargo jack, mm/min.	not less than 190 mm
Electric motor type	The electric asynchronous
Power consumption, kW	6-90 (frequency rate to quantity of jacks)
Parameters of the brought current:	

- voltage	400V
- current frequency	50 Hz
Operating mode cycle/hour	1
Technical resource of a jack (service life before the first capital repairs),	15 years
Jack dimensions, no more	
- length	950 mm
- width	1680 mm
- height	3900mm
mass of installation	no more than 13 000 kg
loading capacity, tf	from 40 to 200
Total power of electric motors	5,5 - 88 Kw (depending on quantity of jacks and the power of an engine)