



FIG	DESIGNATION
1	Motoreducer
2	Master control box
3	Frame
4	Draw bar
5	Carriage
6	Claw
7	Foot

1. DESCRIPTION

1.1. TECHNICAL FEATURES

This mobile hoist is used to raise railroad vehicles to change trucks and axles. It is composed by 4 jacks which are together electrically connected.

The main characteristics are :

CARACTERISTICS	VALUE
Lifting capacity	
- Capacity per jack	10 000 daN
- Capacity per set of 4 jacks	40 000 daN
- Capacity per set of 8 jacks	80 000 daN
Lifting stroke	1825 mm
Lifting speed	330 mm/mn
Motor power	3 KW
Screw	
- Diameter	60 mm
- Pitch	8 mm
Total height	2950 mm
Height from the lifting bearing claw	
- Lower position	175 mm
- Upper position	2000 mm
Weight of one jack	1150 Kg
Voltage	440 V
Nominal ampacity	
- per jack	4.8 A
- per set of 4 jacks	19.2 A
Starting ampacity	
- per jack	29 A
- per set of 4 jacks	116 A
Frequency	60 Hz
Sound pressure	< 85 dB

22,000 lbs

72"

13"

116"

7"

78 3/4"

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