



## 2. Machine description

### 2.1 Component overview

Item 1 – chassis	Item 29 – forklift eyes
Item 2 – drive unit	Item 30 – crane eyes
Item 3 – ballast	Item 31 – crane eyes (built onto the crane)
Item 4 – pivoting frame	Item 32 – clamping lever (detail B)
Item 5 – hydraulic assembly	Item 33 – pull carriage (detail B)
Item 6 – outer tower	Item 34 – exhaust valve
Item 7 – inner tower	Item 35 – shackle
Item 8 – arm	Item 36 – stop (detail C)
Item 9 – carriage	Item 37 – lubricant nipple bearing (detail A)
Item 10 – chain hoist	
Item 11 – pendant control panel	
Item 12 – cylinder support	
Item 13 – ballast support	
Item 14 – stay	
Item 15 – pivot interlock	
Item 16 – shackle	
Item 17 – bolts	
Item 18 – crank	
Item 19 – plug bolts – carriage	
Item 20 – plug bolts – support pipe (lower hole)	
Item 21 – shackle	
Item 22 – plug	
Item 23 – plug bolts – support pipe (upper hole)	
Item 24 – anti-rotation device	
Item 25 – plug	
Item 26 – safety plug – drive	
Item 27 – brake	
Item 28 – bolts (detail A)	

### 2.2. Safety guards

Item 12 – cylinder support
Item 14 – stay
Item 15 – pivot interlock
Item 26 – safety plug – drive
Item 27 – brake



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## 2.4. Technical details

	400	300 TDP	400 TDP	400 TDP/EL
Lifting capacity	400 kg (880 lbs.)	300 kg (660 lbs.)	400 kg (880 lbs.)	400 kg (880 lbs.)
Length of boom	5 m	5 m	5 m	5 m
Hook height	4.5 m	4.5 / 6 m	4.5 / 6 m	4.5 / 6 m
Total weight	1780 kg	1.630 kg	1910 kg	2060 kg
Ballast	1070 kg	730 kg	1070 kg	1070 kg

### Transportation dimensions

Length	6.7 m	6.7 m	6.7 m
Width	2.1 m	2.1 m	2.1 m
Height	2.0 m	2.0 m	2.0 m

Swivelling radius	1.5 m	1.5 m	1.5 m
Max. wheel pressure	14 kN	14 kN	14 kN

### Chain hoist

Lifting capacity	400 kg (880 lbs.)	300 kg (660 lbs.)	400 kg (880 lbs.)	400 kg (880 lbs.)
Lifting speed	2.0 / 8.0 m/min.	2.0 / 8.0 m/min.	2.0 / 8.0 m/min.	2.0 / 8.0 m/min.
Output	0.18 kW 0.75 kW	0.11 kW 0.5 kW	0.18 kW 0.75 kW	0.18 kW 0.75 kW
Current consumption	0.95 A 2.1 A	0.8 A 1.3 A	0.95 A 2.1 A	0.95 A 2.1 A
Operating voltage	400 V	400 V	400 V	400 V

### Drive motor

Output	-	0.55 kW	0.55 kW
Current consumption	-	1.8 A	1.8 A
Operating voltage	-	400 V	400 V

	300 TDP
Hydraulic unit output	0.31 kW
Current consumption	1 A
Operating voltage	400 V

### Swivel motor

Output	-	-	0.25 kW
Current consumption	-	-	0.75 A
Operating voltage	-	-	400 V

### Trolley

Output	0.37 kW
Current consumption	1.75 A
Operating voltage	230 V