

# MANLIFT



## All-electric booms by Manlift



Manlift provides solutions for working safely and efficiently at height. To better meet customer demands for sustainable solutions Manlift has introduced three groundbreaking innovations: the converted 26 meter JLG 800AJ articulated boom, the 28 meter JLG 860SJ and the 38 meter JLG 1200SJP telescopic booms from diesel to battery powered. This results in no emission and a very low noise level (<70Dba) making it suitable for indoor use with no restrictions. At the same time, the modifications have no impact on the working envelope of the machine.

### Taking You to New Heights Safely



### 800AJ | 860SJ Electric by Manlift:

- 100% electric
- No fuel needed
- No emission and noise levels well below 80Db
- Maximum charging time: 8 - 10 hours
- Charger 5-16/400V
- Battery pack of 80V
- Fully compliant with the TUV test requirements

### 1200SJP Electric by Manlift

- 100% electric
- No fuel needed
- No emission and noise levels well below 80Db
- Maximum charging time: 8 - 10 hours
- Charger 5-32/400V
- Battery pack of 96V
- Fully compliant with the TUV test requirements

#### Specifications 1200SJP:

Max. wind speed	12.5 m/sec
Working Height (m)	38.73
Machine weight (kg)	18,500
Transport Length (m)	10.64
Transport Height (m)	3.05
Transport Width (m)	2.49
Lift capacity (kg)	450
Working Outreach (m)	23.51

#### Specifications 800AJ:

Max. wind speed	12.5 m/sec
Working Height (m)	26.20
Machine weight (kg)	15,500
Transport Length (m)	11.12
Transport Height (m)	3.00
Transport Width (m)	2.44
Lift capacity (kg)	230
Working Outreach (m)	15.00

#### Specifications 860SJ:

Max. wind speed	12.5 m/sec
Working Height (m)	28.20
Machine weight (kg)	17,200
Transport Length (m)	12.19
Transport Height (m)	3.05
Transport Width (m)	2.49
Lift capacity (kg)	230
Working Outreach (m)	22.90

Manlift is offering much more than only standard machines. We customise machines based on customer demand. The conversion of the JLG 1200SJP, JLG 800AJ and the JLG 860SJ are great examples. Developed in close cooperation with customers with specific needs, these machines are a sustainable alternative to diesel powered machines. Zero emissions and low noise levels are beneficial to the environment as well as the machine operators.

The conversions to electric did not have any effect on the performance of these machines. Working height, horizontal outreach and operating speeds are at the same level as the diesel powered original. These solutions are ideal for applications indoors (exhibition halls, logistic centers, indoor manufacturing plants), but also for outside applications. The zero emission and reduced noise level are a great advantage for the environment!

#### Innovative solutions

What makes this innovation one of a kind is the fact that there is no comparable solution available in the market. The highest standard electric self-propelled AWP has a working height of 20 meters, while the JLG 1200SJP lifts you all the way up to 38 meters!

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