

INTRO

The AT50 and AT75 from De Jong's Liften have a lifting capacity of 500 kg and 750 kg respectively. These rack and pinion hoists are ideal for the larger, higher and more rugged construction projects.

The standard platform size is 150 x 150 cm, but this can be enlarged with an expansion set to 250 x 150 cm or 300 x 150 cm. This set is easy to install, because all the required bolt holes are already present on the standard version.

The hoist has a maximum free-standing height of 10.5 metres with the standard platform size. This is unique and ideal, especially on projects where installation of anchors is difficult if not impossible.

SPECS

- The AT50 and AT75 are fully compliant with machinery directive 2006/42/EC and approved in accordance with NEN-EN 12158-1+A1.
- Various components are interchangeable with the PT500A passenger/material hoist.
- The platform is equipped with a 110 cm entry ramp and a 60 cm exit ramp and is enclosed with a 110 cm high fence. A low base enclosure and side protection are available as options.
- **NEW:** an improved extension mast with five mast bolts rather than three. The distance between anchors is now 7.5 metres, whereas it was previously 6 metres. In addition, the first anchor can now be placed at a height of 9



ACCESSORIES

Sliding landing gate

De Jong's Liften have a standard sliding landing gate with various options in the product range. With this flexible solution the hoist meets the prescribed requirements in all situations. All options can be ordered separately, and different combinations are possible.

ESU (Landing Controller)

The ESU system consists of a ground cabinet and is available in two versions: with landing stop brackets, or with a pulse counter. The ESU system is available in combination with the universal landing gate pendants. The landing gate pendants make it possible to send the hoist up or down (to the 2-metre stop) from any landing by means of the 'up/down/stop next landing' system. Both the ground cabinet and landing gate pendants are waterproof (IP67) and impact resistant. When this option is used a low base enclosure is required.

Swapping set

The entry and exit ramps for De Jong construction hoists are also available with a swapping set for swapping the ramps on two or three sides of the hoist. The great advantage of the swapping set is that it makes swapping the ramps a simple task if the entry and exit locations of the construction hoist change. This way swapping the ramps takes one person just five minutes. The 60 cm entry/exit ramp is fitted with side protection and cabling. In this case only the ramps have to be exchanged. Other parts, such as locking, fences and balusters, remain in place.

Rack and pinion lubrication system

To maximise the quality and service life of the rack and pinion, it is possible to equip the construction hoists with a lubrication system. This system automatically ensures that the rack and pinion are always optimally lubricated. The user is notified when it is time to refill the oil. This lubrication system is available as an option.

TECH SPECS

	AT50	AT75
Lifting capacity	500 kg	750 kg
Platform size (standard)	150 x 150 cm	150 x 150 cm
Platform size/Lifting capacity (option 1)	250 x 150 cm/400 kg	250 x 150 cm/650 kg
Platform size/ lifting capacity (option 2)	300 x 150 cm/350 kg	300 x 150 cm/600 kg
Lifting speed	24 m/min	21 m/min
Number of persons	0	0
Tilting frame	No	No
ESU (Landing Controller)	Optional	Optional
Mast height anchored (max.)	75 m	75 m
Mast height freestanding (max.)	10.5 m	7.5 m
Anchor distance	7.5 m	7.5 m
Height First anchor	9 m	9 m
Mast height above top anchor	3 m	3 m
Distance cable guide	4.5 m	4.5 m
Supply voltage	400 V	400 V
Connection	25 Amp	25 Amp
Motor rating	4.0 kW	5.5 kW



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-  REFERENCES
-  PROJECTS
-  PRODUCTINFO