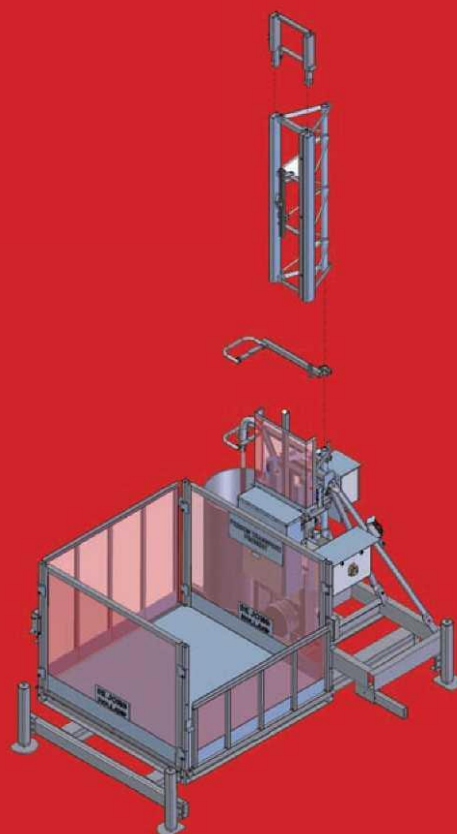


AT50

GOODS HOIST



AT50 GOODS HOIST

General

AT50 Goods hoist

Using a motor-gear, driving a rack and pinion system, has been proven for years to be the best concept for vertical transport. Specially when used under rough circumstances like a building site. It also has been proven to be the best system for hoists going up to greater heights. De Jong was one of the first to develop and manufacture hoists using the rack and pinion drive train. The AT50 has proven itself over the past number of years to be a very reliable and robust tool for the building industry. This series of hoists are still very popular among the building contractors, rental companies and scaffold companies and are often used for the long term contracts. Their sturdy and robust design makes them ideal and capable to withstand the wear and tear on the demanding building sites. The AT50 series have a free standing height capacity of respectively 10.5 m and 7.5 m. The hoist comes standard with a 150 x 150 cm size platform.

Platform side extension sets are available to create a 250 x 150 cm size or a 300 x 150 cm size platform. The extension sets are simply to attach, also at a later stage, because all the platforms are factory prepared for it.

Uniformity

AT50

De Jong has created a variety of lifting equipment with the AT50, but managed at the same time to do this by using identical components. For example mast sections, cable guides, anchoring brackets, ramps and gates are for all types the same. This uniformity in components is of course a very important factor when choosing your type of vertical transport. It makes your money work to its extreme by using the well build and high quality equipment, made by De Jong.



Long service life combined with great operational reliability

- Stable and sturdy design
- Designed in accordance with the applicable standards for the various types and executions. And all of it will come of course with the quality for which De Jong is respected and stands for.
- Full bath galvanised
- All lift cage rollers are made from a high quality nylon which guarantees a quiet, soundless transport.

Safety

- A centrifugal safety brake provides a reliable protection against an involuntary free falling platform.
- While descending the platform it automatically stops at a height of 2 m to prevent anyone or anything of being trapped underneath it.
- The floor-stop brackets can be set in an exact position.
- All platforms have standard the facilities necessary to fit, even at a later stage, loading ramps or pivoting gates.

User friendly

The AT50/75 series together with the MP50, PT500 come standard with a touch-to-run control system. By installing floor stops at each landing the platform will stop at the exact landing heights. Optionally, the AT50 can be fitted with a, by De Jong developed reliable ILB control system. This system allows you to program the platform traveling path with up to 29 landing levels. Any landing level can be selected by using the system floor selector switch, positioned at base station. On giving the UP command the platform will automatically go to its selected level. This ILB control system has LED's that illuminate in the event of a fault in it's system. This help to solve any problems quickly and efficiently. Because De Jong developed the ILB system itself, it only has the necessary functions required to create an optimal control system and is therefore a much more reliable system than the commercially available systems.

Assembly

The mast on the AT50, can be extended safely by standing on the platform. The mast sections are 1.5 m long and are easy to position by way of male-female connection points. A proximity switch is fitted on the platform carrier which activates when there is no rack detectable. This switch prevents the platform carrier from running out of the top of the mast. The installation engineer must use the installation control pendant which gives him maximum freedom of moving about on the platform. For extending the mast we advise to use the optional auxiliary jib with a mast lifting attachment. It makes the work a lot safer, simpler and quicker for the engineer. Three bolts and nuts are used for each mast connection.





DE JONG LIFTEN CO

Cihlářská 19
602 00 Brno
Czech Republic

Tel +420 604 232 380
Fax +420 546 214 869
E mail obchod@dejong.cz

DEALER

AT50

RACK AND PINION GOODS HOIST

AT50

Lifting capacity	kg	500
Platform dimensions	cm	150 x 150
option	cm	150 x 250 (400 kg)
option	cm	150 x 300 (350 kg)
Free standing height on basic machine	mtr	10,5
Maximum mast height	mtr	75
Anchoring distance	mtr	6
Trailing cable guide distance	mtr	4,5
Lifting speed		0.40 m/sec
Power supply		400 V (3 phase)
Motor power		4.0 kW
Connecting cable		4 x 4 mm ²
Weight of basic machine	kg	940
Weight of mast section	kg	60
Transport dimensions	cm	280 x 166 x 173
Transport dimensions with set of wheels	cm	365 x 199 x 189
Suitable for passenger transport		No
Main fuses		25 Amp slow
Current consumption		32 Amp