Lifting Solutions Group
Axel Johnson International

# Electric Wire Rope Hoist Tirak™

**Product information**



Electric hoist for material lifting and pulling.
Proven technology in numerous applications.
The models of our Tirak™ X-type traction hoist are lighter and can therefore ideally be used when a low weight for the application is essential. The X models have only a single drive disc. The grip of the wire rope on the pulley is obtained by springloaded pressure rollers.

The advantage of the T type models is their ability to pull into both directions. The hoists of the T-series have two clamping wheels. The wire rope travels around the two pulleys along an „S“-path.

Technical details Tirak X- and T-type hoists for material handling:

Our Tirak models are available in following wire rope speed versions:
for X 300 to X 1530 (depending on model):
4,5 m/min, 9 m/min, 18 m/min, 4,5/9 m/min, 4,5/18 m/min, 9/18 m/min for X 3050 P:
6 m/min, 12 m/min, 6/12 m/min

- Unlimited height of lift; the wire rope is not stored in the machine.
- Compared to its capacity (up to 3.000 kg), the Tirak is very easy to handle and extremely compact, and may be simply moved from site to site.
- Centrifugal brake for controlled descent in case of powerfailure.
- Pendant control with up/down and emergency stop.
- Cable length 3 m.
- They can move loads to-and-from.
- Extremely reliable: Less maintenance, higher productivity and better efficiency.
- Compact design: Easy installation and incorporation in your specific application.
- Light weight: This maximizes the usable workload for better efficien ... *Read more*

**Note:** Excl. wire (to be ordered separately).

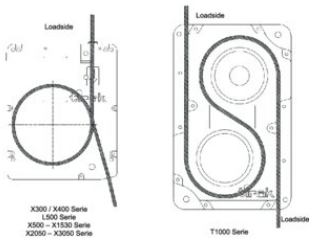
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## Blueprint




## Technical data

| Part code | Code | Diameter mm | WLL ton | Motor kW | Weight kg |
|---|---|---|---|---|---|
| 5406 | X 300 | 8 | 0.3 | 0.45 - 0.9 | - |
| 5406 | X 400 | 8 | 0.4 | 0.75 - 1.5 | - |
| 5406 | X 500 | 8 | 0.5 | 0.9 - 1.8 | - |
| 5406 | X 800 | 8 | 0.8 | 0.8 - 3.5 | - |
| 5406 | T 1000 | 8 | 0.98 | 0.9 - 3.8 | - |
| 5406 | T 1020 | 9 | 0.98 | 0.9 - 3.8 | - |
| 5406 | X 1020 | 9 | 0.98 | 0.9 - 3.8 | - |
| 5406 | X 1530 | 10 | 1.5 | 2.8 | 49 |
| 5406 | X 3050 | 14 | 3 | 3.8 - 7.5 | - |

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