

Tirak™ X series and L series :

The performance standard for man riding applications

Tractel® has more than 35 years of valuable experience in manufacturing wire rope hoists. The Tirak™ hoist is constantly being improved to apply the latest state of the art technology. All Tirak hoists are manufactured according to the highest quality standards, ISO 9001 and ISO 14001, and are made in Germany.

All hoists for man riding applications are certified according to DIN EN 1808 and meet highest quality and safety standards.



X-type installed on a working platform

Your advantages:

- 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 efficiency.
- Stability : Constant torque and speed, independent from lifting height.
- Flexibility : Power supply lifting in your required voltage, or also air powered possible.

Proven technology in numerous application.

The Tirak™ traction hoists of our X-range are the standard high performance lightweight models for all man riding applications. The X-series covers a wide range of usable workload of up to 4,400 lbs, air powered even 5,300 lbs.

The Tirak™ L-models have an even more compact and lightweight design, meeting highest requirements on usable workload and space restrictions. Small and light, but still powerful, they can be used for loads up to 1,000 lbs.

Both the X- and the L-models use a single disk driver system and springloaded pressure rollers for the grip of the wire rope on the pulley.

Our Tiraks are also available in a pneumatic version. Ideally suited for all applications where electrical power supply is not available or possible.

Tirak™ Electric Hoists

Type	XE301P	XE501P	XE501PA	XE701P	LE500	LE500	LE501	TE1020P	XE1020P	XE2050P
Rated Load *** (lbs.)	700	1,000	1,000	1,500	1,000	1,000	1,000	2,000	2,200	4,400
Lifting Speed (fpm)	33	35	35	35	20	33	33	35	32	24
Weight* (lbs.)	82	121	109	126	84	73	84	174	123	185
Type kW	0,55	1,1	1,1	1,5	0,55	1,0	1,0	2,2	2,4	3,1
Voltage	110 (220)	110 (220)	220	220	110	220	220	200	220	220
Amperage	10,5 (5,2)	19,5 (9,5)	9,5	12	10,5	4,8	6,8	9,4	10	16
Phase (3 phase)	single (three)	single (three)	single	single	single	three	single	three	three	three
Diameter				5/16 in. (8.4 mm)			3/8 in. (9.5 mm)			9/16 in. (14mm)
Breaking Strength Min.				10,000 lbs. (44.3 kN)			15,000 lbs. (66.8kN)			35,000 lbs. (162 kN)
Construction	5x19, 4x26, 5x26, or 6x19 with fiber core, performed, galv.			5x19 or 5x26			5x19,5x26,4x26,6x19 IWRC galvanized			5x26 or 6x26

* Includes BSO secondary brake.
 ** Wire rope for Canada X700 - 9.5mm, X1020 - 10.5mm.
 *** Capacites fo Canada : 1020 series capacity is 1,800 lbs : X2050 is 3,500 lbs.
 Air and Electric hoist have direct control, remote control available on requests for all hoist.

Maxiflex Wire rope