

TIRAK™

tirak

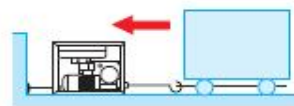
Tirak™

- The TIRAK™ is a powered hoist through wire which the rope passes. It has the following advantages :
 - Unlimited length of wire rope.
 - Constant speed.
 - Orientation in direction of effort.
 - Mobile and compact.
 - High lifting capacity : up to 3000 kg.
 - Safe and reliable design.
 - Also available with hydraulic or pneumatic motor.



Tirak™ - method of operation

• **to anchor the frame**

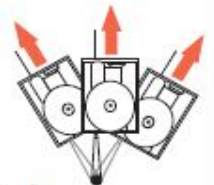


All you need is a sling or a chain, secured to a sufficiently strong fixed point.

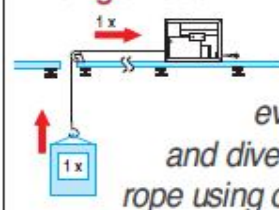
• **orientation**

automatically aligns itself with the pull.

Its capacity and speed always remain constant.

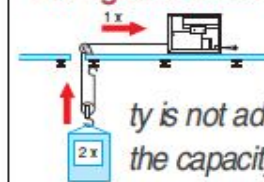


• **lifting a load**



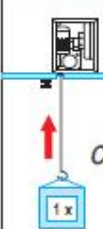
Anchor the hoist wherever you wish and divert the wire rope using one or more return pulley blocks.

• **lifting and sheave blocks**



If the direct pulling capacity is not adequate, increase the capacity by passing the wire rope round one or more sheave blocks.

• **Direct lifting or pulling**



Pass the wire rope through an aperture in a ceiling or a wall which is strong enough to take the load, and place the hoist against the opening.

• **To-and-fro movement**



The hoist moves the load to and fro.

The hoist moves with the load.



Tirak™ X serie

Model	WLL	Wire rope speed (m/min)	Motor type T = 1 phase T = 3 phase	Lifting motor power (kW)	Wire rope diameter (mm)	Hoist weight (kg)	Hoist dimensions L x l x w (mm)
x-301	300 kg	9	M	0.5	8.3	29	430 x 250 x 213
x-300		9	T	0.5	8.3	27	400 x 250 x 213
x-302		18	T	0.9	8.3	27	400 x 250 x 213
x-501	500 kg	9	M	0.9	8.3	49	546 x 297 x 256
x-500		9	T	0.9	8.3	40	585 x 297 x 250
x-502		18	T	1.8	8.3	43	585 x 297 x 250
x-506		4.5/18	T	0.45/1.8	8.3	47	500 x 297 x 250
x-503		9/18	T	0.9/1.8	8.3	47	500 x 297 x 250
x-800	800 kg	9	T	1.5	8.3	45	541 x 297 x 256
x-802		18	T	3	8.3	49	535 x 297 x 256
x-806		4.5/18	T	0.75/3.0	8.3	49	510 x 297 x 256
x-803		9/18	T	1.75	8.3	49	510 x 297 x 256
x-1020	1000 kg	9	T	1.9	9.5	45	-
x-1025		18	T	0.9/1.9	9.5	55	-
x-1026		4.5/18	T	0.9/3.8	9.5	71	-
x-1023		9/18	T	1.9/3.8	9.5	56	-
x-3050	3000 kg	6	T	3.8	14	105	650 x 400 x 360
x-3052		12	T	7.5	14	117	660 x 400 x 360



Tirak™ T serie

Model	WLL	Wire rope speed (m/min)	Motor type T = 1 phase T = 3 phase	Lifting motor power (kW)	Wire rope diameter (mm)	Hoist weight (kg)	hoist dimensions L x l x w (mm)
T-1020P	1000 kg	9	T	1.95	9.5	72	-
T-1022P		18	T	3.5	9.5	72	-
T-1025		4.5/9	T	0.9/1.95	9.5	85	-
T-1026		4.5/18	T	0.9/3.5	9.5	85	-



Tirak™ hydraulic and pneumatic version



Model	WLL	Wire rope speed (m/min)	Commande T = pendant D = direct	Wire rope diameter (mm)
XA-300P	300 kg	up to 9	T T	8.3
XA-500P	500 kg	up to 9	D T	8.3
TA-1020P	980 kg	up to 9	D	9.5

Pneumatic Tirak™



Model	WLL	Wire rope speed (m/min)	Hydraulic motor E = electric T = petrol	Wire rope diameter (mm)
THB-1020	980 kg	as far as 7	E T	9.5

Hydraulic Tirak™

Tirak™ mobile winch with tirak™

Model	WLL	Lifting speed (m/min)	Motor power (kW)	Wire rope diameter (mm)	With wire rope length (m)	Weight with wire rope (kg)	With wire rope length (m)	Weight with wire rope (kg)
Tirak™	300 kg	9	0.5	8	80	60	-	-
		18	0.9	8	80	60	-	-
in frame	500 kg	4.5	0.5	8	80	75	500	115
		9	0.9	8	80	75	500	115
		4.5/9	0.5/0.9	8	80	85	500	125
		4.5/18	0.5/1.8	8	80	85	500	125
With rope reeling drum	800 kg	4.5	0.8	8	80	80	500	120
		9	1.6	8	80	80	500	120
		4.5/9	0.8/1.6	8	80	85	500	125
		4.5/18	0.8/1.6	8	80	105	500	145
	980 kg	4.5	0.9	9	70	85	400	125
		9	1.8	9	70	80	400	120
		4.5/9	0.9/1.8	9	70	90	400	130
		4.5/18	0.9/3.8	9	70	105	400	145
	3000 kg	6	3.8	14	110	200	500	550
		12	7.5	14	110	225	500	550

