Tractel
PART OF ALIMAK GROUP

Topal EP pulleys

Low weight | Compact design | Unlimited cable length | Easy to install

The Tractel's EP pulleys are designed for man-riding and material lifting applications. They are mainly designed for temporary wire rope lifting or pulling applications, when quick installation and/or removal of the pulley is necessary. The pulleys can be attached to a mobile or fixed anchorage point having the required WLL and are compatible with Tractel hoists and others.

FEATURES

- Finger protection system
- Limit stop
- The particular geometry of the limit stop, developed by Tractel, allows a simple and quick insertion of the wire rope without tools.
- The lightened flanges and the polyamide sheave make it light and easy to install.
- The EP pulleys are compatible with our Tirfor and Tirak winch ranges for both material and man-riding applications.
- These pulleys are mainly designed for temporary cable lifting or pulling applications, when quick installation and/or removal of the pulley is necessary.
- They can be fixed to a mobile or fixed anchorage point having the required capacity.
- Meets ANSI, OSHA standards

MATERIAL APPLICATION

EP pulleys are useful for lifting heavy equipment, structures or components for installation or repair. They allows work at unlimited lifting heights.

The pulleys are easy to handle and simplify the integration of different accessories, such as the Tirak, which increases productivity, efficiency andcapacity.

MAN-RIDING APPLICATION

EP pulley can also be used for personnel lifting in combination with approved manriding hoists designed for this application.

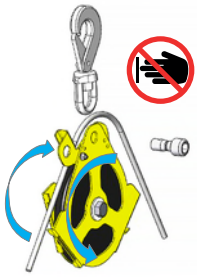
They are used to facilitate the lifting of people or platforms in highrise situations that are often difficult to access: for construction work, elevator installation, building maintenance, emergency and rescue.

THE FLANGES

The flanges geometry allows opening of the pulley and facilitates wire rope positioning.

The flanges have three functions:

1. Protection of hand and fingers against pinching in the pulley groove.
2. Installation of limit switches for equipped hoists. (Compatible with Tirak or hoist equipped with limit switches).
3. Prevents the wire rope from coming off the pulley.



AVAILABLE MODELS

EPA model
with an axis for reduced space installation

EPC model
with a swivel hook

EPE model
with a swivel hook with safety latch

EPF model
with a fixed hook with safety latch

EPL model
with a fixed hook with safety latch

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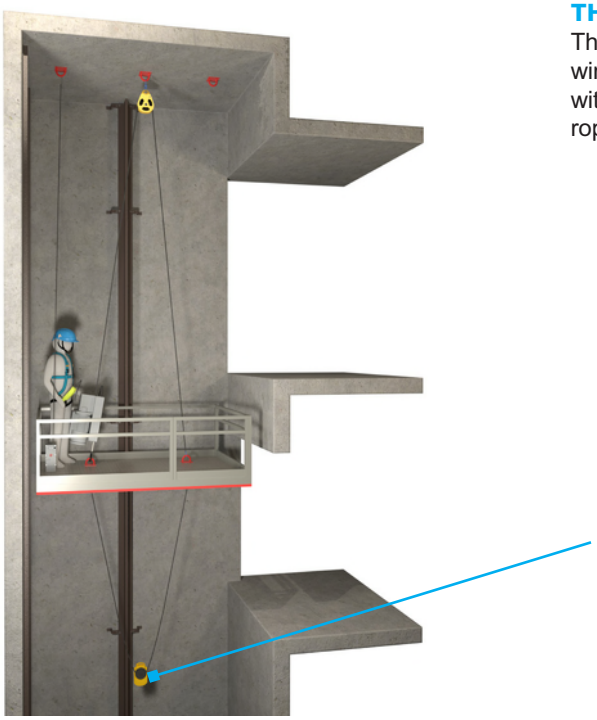

THE ROLLING TENSION ELEVATOR WEIGHT

The rolling tension weight is used to manage the free part of the wire rope below the elevator cabin. It is often used in combination with the pulley. It creates vertical downward tension on the wire rope in order to avoid the effects of twisting below the cabin.

MODEL		CODE	WLL	SHEAVE		HEIGHT	WIDTH	OPENING	WEIGHT	MOTORIZED APPLICATION		MANUAL APPLICATION	
				BOTTOM OF GROOVE Ø	OUTSIDE Ø					WIRE ROPE	EXAMPLES OF TIRAK MODELS	WIRE ROPE	EXAMPLES OF TIRFOR MODELS
				F	E	I	L	O		C		C	
EPC1.6-8/9	III	252699	3,520 lb. (1.6 t)	6⅝ in. (171 mm)	7¾ in. (198 mm)	10⁵⁄₁₆ in. (262 mm)	11 in. (280 mm)	1⁵⁄₁₆ in. (34 mm)	7.5 lb. (3.4 kg)	⅝ in. (8 mm)	X3xxP XA300P X5xxP XA500P L5xxP X7xxP XA720P	⅝ in. (8 mm)	TU17
EPE1.6-8/9	III	252709											
EPF1.6-8/9	III	252719				9¹⁵⁄₁₆ in. (253 mm)			7.1 lb. (3.2 kg)				
EPL1.6-8/9	III	252729											
EPA1.6-8/9	III	252739				4¹⁵⁄₁₆ in. (127 mm)		–	5.7 lb. (2.6 kg)				
EPC2.4-10/12	III	252749	5,280 lb. (2.4 t)	7⅝ in. (196 mm)	8⅞ in. (228.5 mm)	13⁵⁄₁₆ in. (339.5 mm)	12¹³⁄₁₆ in. (326 mm)	1¹¹⁄₁₆ in. (43 mm)	15 lb. (6.8 kg)	⅜ in. (9 mm)	X10xxP	⅜ in. (9 mm)	TU28
EPE2.4-10/12	III	252759											
EPF2.4-10/12	III	252769				8¹⁵⁄₁₆ in. (288.5 mm)			13.9 lb. (6.3 kg)				
EPL2.4-10/12	III	252779								10 mm	XA1030P	10 mm	
EPA2.4-10/12	III	252789				6¹⁄₁₆ in. (154.5 mm		–	11.9 lb. (5.4 kg)				
EPC5-14/16	III	252799	11,000 lb. (5 t)	10⅞ in. (277.5 mm)	12⅝ in. (323.5 mm)	17⁵⁄₁₆ in. (440.25 mm)	17⅞ in. (455 mm)	1¹³⁄₁₆ in. (47 mm)	34.4 lb. (15.6 kg)	⅜ in. (14 mm)	X20xxP	⅝ in. (16.3 mm)	TU32
EPE5-14/16	III	252809											
EPF5-14/16	III	252819				14⅞ in. (379.25 mm)			32.8 lb. (14.9 kg)				
EPL5-14/16	III	252829											
EPA5-14/16	III	252839				8¼₁₆ in. (206.25 mm)		–	28.7 lb. (13 kg)				

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HOUSTON
1-800-962-6111
tractel.usa@alimakgroup.com

LOS ANGELES
1-800-675-6727
tractel.usa@alimakgroup.com

MONTREAL
1-800-561-3229
tractel.canada@alimakgroup.com

www.tractel.com