

# BLACKHAWK®



## Pulling towers

**A complete range from 5 to 50 tons**

**Probably the best thought out, the most complete and the best constructed pulling towers on the market. They provide everything you require... and much more.**



King Power Post®

Maxi Tower

Power Post





- **FAST WORK:** 2 automatic pull speeds.
- **GREAT POWER:** 2 pull strengths.
- **CONTINUOUS POWER:** Pulling strength is not reduced by the height of pull.
- **HIGH PULLS:** By using the extension set (up to 4.29 m for the **KING POWER POST**®).

- **PERMANENT PULL:** Automatic locking of the chain and maintenance of tension while the ram piston, at the stroke end, is retracting for resuming the pull.
- **SEVERAL PULLS:** The ability to carry out one or two simultaneous pulls.
- **SEVERAL TOWERS:** Several towers can work together at the same time.

## Power Post 5 and 10 tons. Pulley block developing: 20 tons.

*Low investment  
for key repairs!*

### HD 85 HD 86 HD 87

Sets for working on heavy duty.

Reference	Description	Quantity		
		HD 85	HD 86	HD 87
HD 850	Pull tower without hydraulics	1	1	1
RC 159	Ram	1	1	1
P 730 H	Pump hydro-air	1	1	1
AEK 304	Chain 450 cm - 1 hook	1	1	1
AEK 307	Chain 270 cm - 1 hook	2	1	1
AEK 328	Chain 210 cm - 2 hooks		2	2
Z 219	Chain 360 cm - 1 hook - 20 t			1
HD 8301	Chain anchoring system			2
K 238 320	Wedge			4
AEK 431	Pull clamp			1
AEK 99	Security cable	1	1	1
93 515	Tower extension		2	2
CRA 8101	Double pulley			1

### HD 82

Complementary set

(Accessories for sets HD 85, HD 86, HD 87)

		HD 82
AEK 233	Pull clamp 4.5 cm	1
AEK 183	Right angle clamp 90°	1
AEK 105	Pull yoke	1
AEK 270	Multi-purpose pull hook	1
AEK 182	Swivel clamp	1
97 401	Fast clamp (automatic)	1
EK 402 T	Wedge clamp	1
97 605	Universal pulley	1
93 551	Lifting arm	1
AEK 307	Chain 270 cm - 1 hook	2

### Options

**93 515** Vertical extension

**93 551** Horizontal arm  
for vertical pulls and lifting.

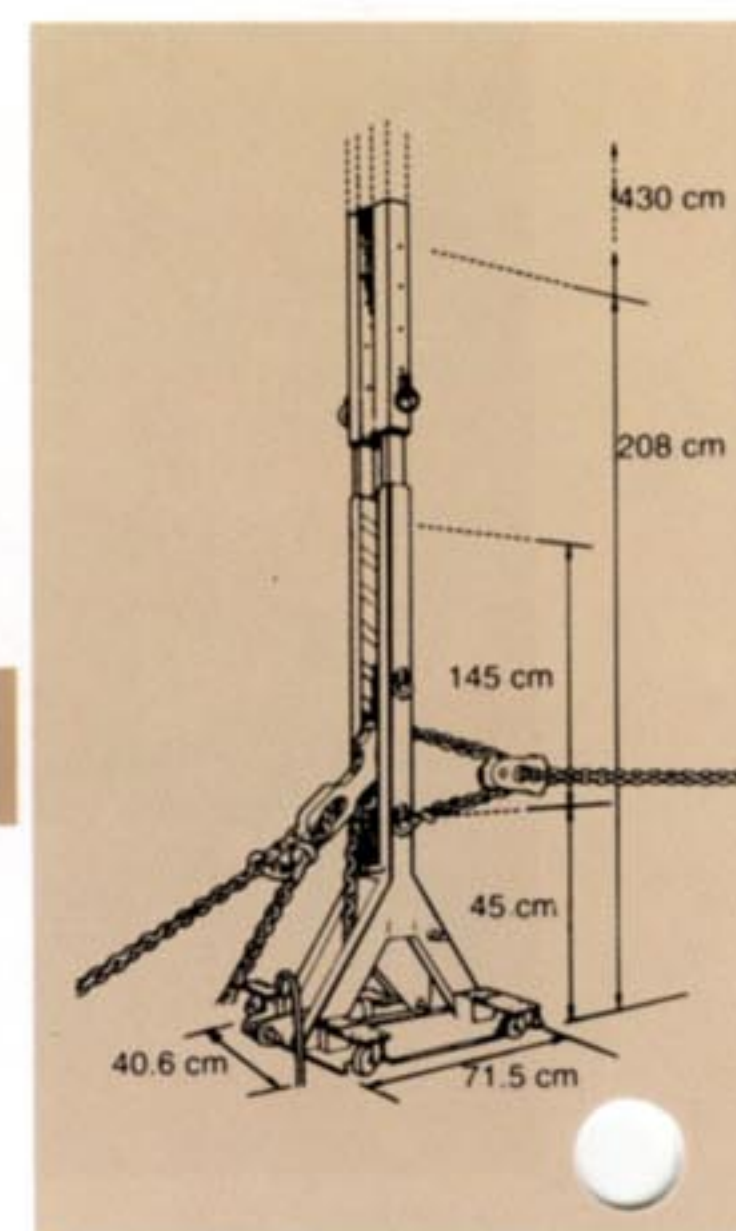


93 551 93 515



The tower **Power-Post** can use one or more extensions for pulls at highest roof levels. With the **same power**, if necessary, as for low pulls.

### HD 85



Weight: 73 kg  
(Tower only)

For drilling and installation plans please contact your distributor or **Blackhawk**® representative.





- **HARDLY ANY PREPARATION NECESSARY:**

The pull chain remains inside the tower.

- **RAPID SET UP:** Immediate anchoring on anchor pots in floor of bodyshop.

- **PROGRESSIVE INVESTMENT:** At the beginning, equip yourself with a few necessary anchor pots for the vehicle and the tower. Later on, and when you need them, add more anchor pots.

- **MOBILE TOWER: CLEAR SURFACE.**

Easy of movement and set up due to the wheels. Floor surface only slightly occupied. Easy storing after straightening. Area left free and without obstacles.

# Maxi Tower 7.5 and 15 tons. Pulley block developing: 30 tons.

*The tower  
for buses and  
light vans.*

## HD 71

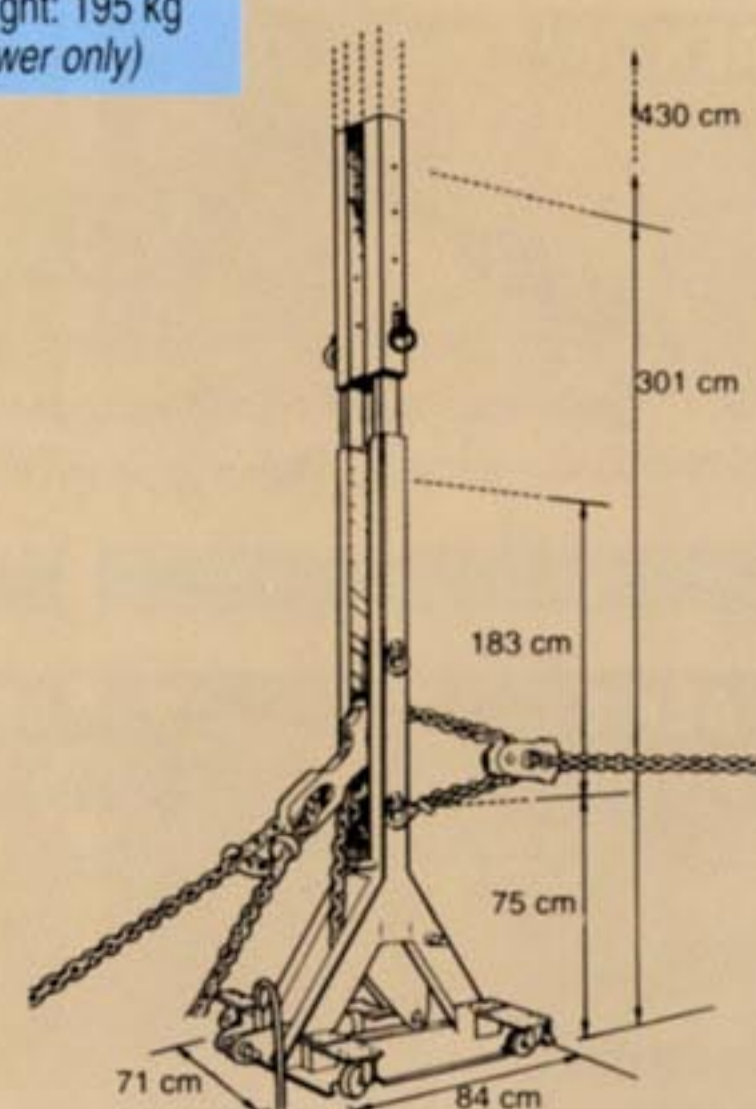
### Set

- 1 \* HD 700  
Tower with 20 t ram
- 2 \* P 730 HG  
Hydro-air pump with flexible (3 m) + gauge
- 3 \* Z 219  
20 t chain (x 3)
- 4 HD 703  
Anchor pulley
- 5 HD 704  
Anchor pulley with pull yoke, 30 t
- 6 \* HD 99  
Security cable
- 7 \* HD 332  
20 t double hook (x 2)
- 8 \* HD 8307  
20 t chain short, 50 cm (x 2)

**HD 72** composed of articles marked with a \*.



Weight: 195 kg  
(Tower only)



Options  
(not shown)

**HD 701** Tower extension  
Height: 120 cm

**HD 705** Tower extension  
Height: 90 cm



Unlocked



Locked



7.5 t max. pulling force

15 t max. pulling force



For drilling and installation plans please contact your distributor or **Blackhawk** representative.





① The **Maxi Tower**, thanks to its extensions, will pull at any height on the bus. Also the pulling height allowing straightening of the superstructure and the chassis.

② The **Maxi Tower** can quickly pass from one pulling place to another in the workshop with its extensions and pulling chain held in place.



③ The set up for pulls in a downward direction can quickly be achieved by using the **HD 704** anchor pulley which is attached to an anchor pot.

④ A ram attached to the tower allows a pushing force to be obtained, thus completing the range of pull/pushes required.



Two anchor pots hold the tower firmly in position even when heavy pulls are required, or when a change in the pull angle is needed.



Maxi Tower 30 t pull.

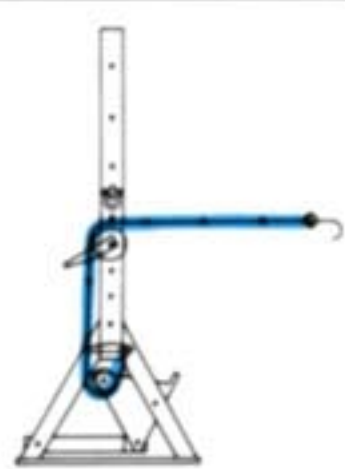
## Rapid and easy installation



By precise boring of the floor the housing for anchor pots of different lengths and diameters are obtained.



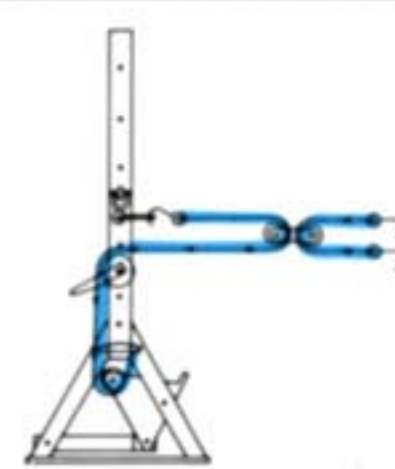
For drilling and installation plans please contact your distributor or **Blackhawk** representative.



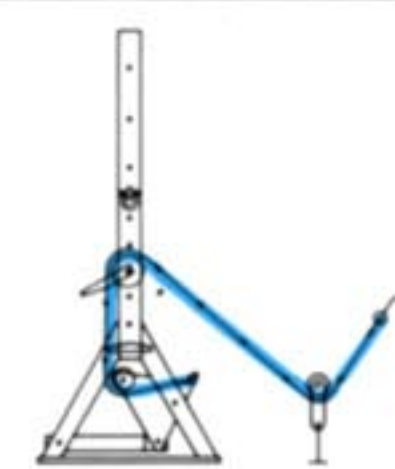
7,5 t



15 t



15 t  
Double pull



15 t  
Downward pull



30 t  
Pulley block developing



# King Power Post®

To order  
indicate  
reference no

**12.5 and 25 tons.  
Pulley block developing: 50 tons.**

*The ultra-  
powerful !*

## HD 500



The tower for heavy repairs and tall heights (up to 4.25 m: **a record height!**). For heavy duty frames, containers, etc...

The power and the height allow upward pulls even on high vehicles. In fact, for straightening a trapezium damage a lateral pull is not sufficient. It is necessary to lift it by using high vertical pulls.

To our knowledge, only the "King" can produce pulls up to more than 4 meters.

## HD 500

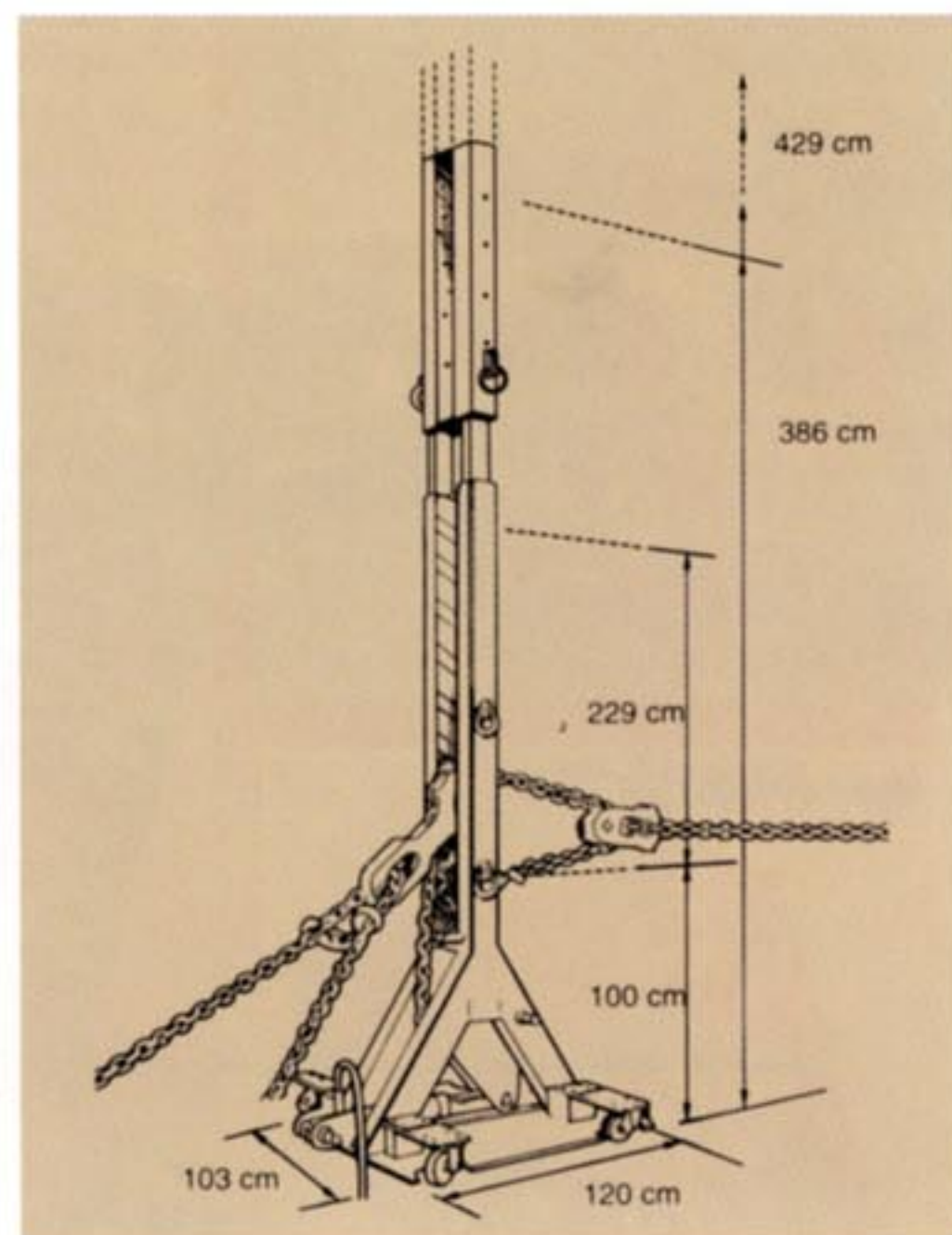
King Power Post® set with complete accessory set (for 2 towers Power Post), 60 anchor pots, safety cables, etc.

## HD 90



## HD 90

Simplified set



Weight : 463 kg  
(Tower only)

For drilling and installation plans please contact your distributor or Blackhawk® representative.



# Optional accessories



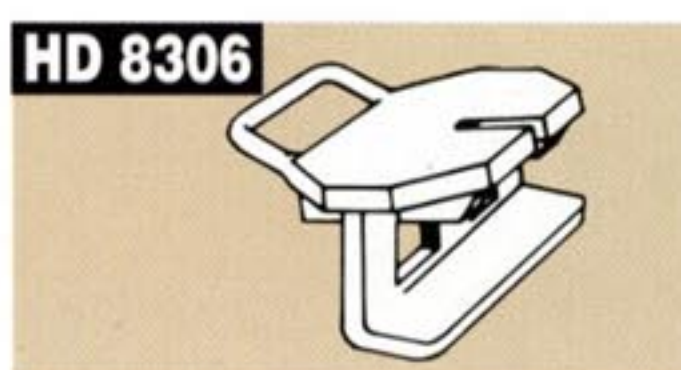
20 ton chain clamp for KOREK<sup>®</sup> frame.

Weight: 7.8 kg



25 ton chain clamp for IPN 200 frame.

Weight: 14.5 kg



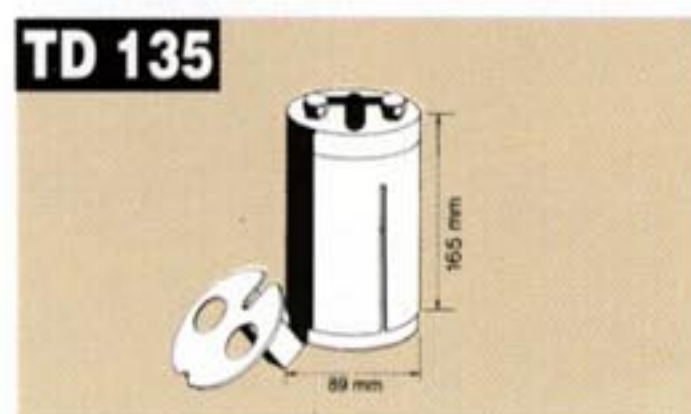
10 ton chain clamp for IPN 200 frame.

Weight: 7.8 kg



Anchor pots with chain slot for use with Power Post pulling tower.

Weight: 2.3 kg



Anchor pots with chain slot for use with Power Post and Maxi Tower pulling towers.

Weight: 2.7 kg



Anchor pots with chain slots with larger diameter for use with King Power Post pulling tower.

Weight: 8 kg



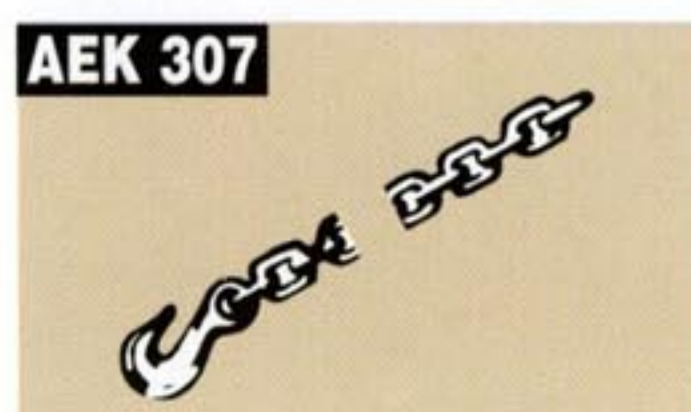
Threaded anchor pots for use with Power Lok<sup>®</sup> or Cab Bench leg anchoring.

Weight: 3.3 kg



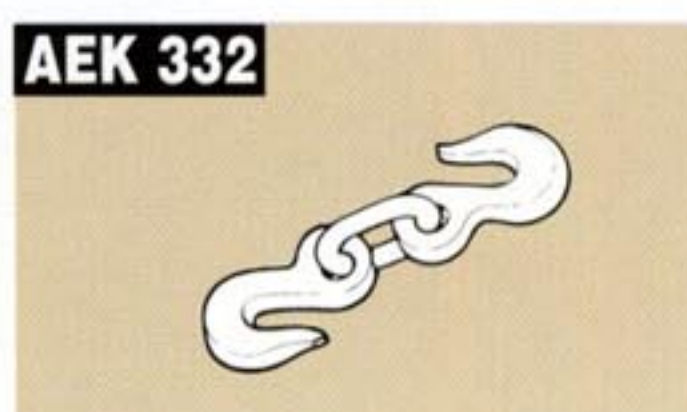
20-ton chain with one hook, 3.60 m.

Weight: 2 kg



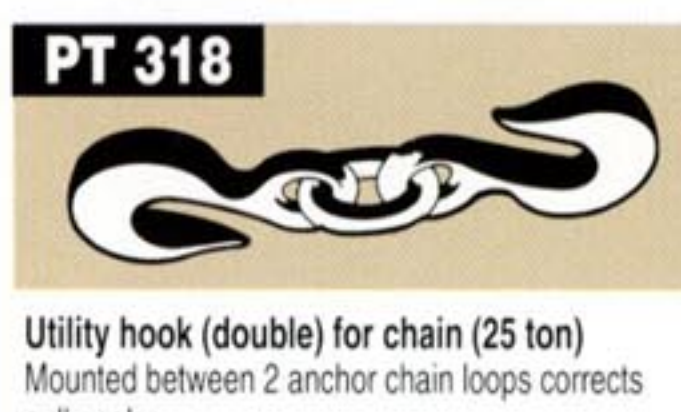
10-ton chain with one hook, 2.70 m.

Weight: 6.5 kg



Twin hook.

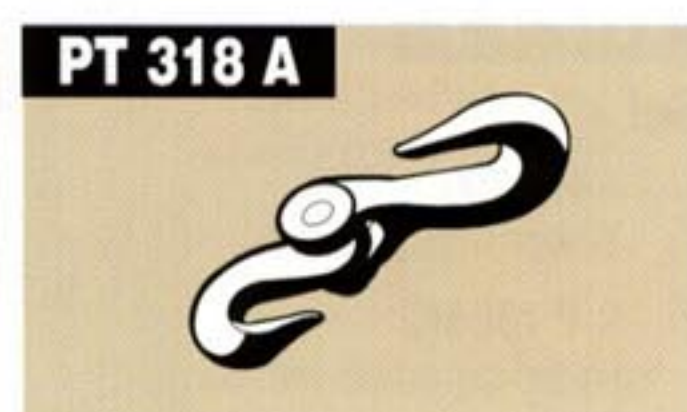
Weight: 1 kg



Utility hook (double) for chain (25 ton)  
Mounted between 2 anchor chain loops corrects pull angle.

PT 318 joins the chains, facilitating length adjustments  
Diameter: 15.8 mm; length: 390 mm.

Weight: 4.5 kg



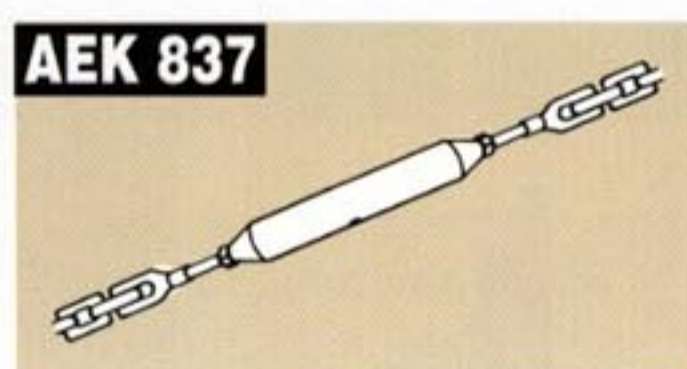
Adapter hook (10 ton)  
Joins the chains from 3/8" to 5/8" (9.5 to 15.8 mm).

Weight: 1 kg



Chain tensioner.  
For use with clamps AEK 834 and AEK 835 on CRA 74 and CRA 75.

Weight: 4.2 kg



Chain tensioner.  
For use with clamps AEK 834 and AEK 835 on Korek<sup>®</sup>.

Weight: 5 kg



Intermediate tensioner for TD 330 anchor pot (20 t) and 10 t chain.

Weight: 4.9 kg



Pull clamp with right-angle jaw.  
Resistance to pull: 8 t.  
Jaw capacity: 60 mm.

Weight: 4.2 kg



Pull hook.

Weight: 6 kg



Telescopic extension assembly with accessories (1 544 - 5 055 mm).

Weight: 3.5 kg



Telescopic extension assembly with accessories (415 - 925 mm).

Weight: 1.3 kg



Anchoring plate for downward pulls. It is used with pulling plate of modular heads.

Weight: 3.2 kg

... and many other accessories (see ACCESSORIES catalogue).

## BLACKHAWK<sup>®</sup>



BLACKHAWK reserves the right to make changes in the catalogue at any time.

BLACKHAWK S.A. - Centre Eurofrêt - Rue du Rheinfeld - B.P. 5 - 67026 STRASBOURG CEDEX FRANCE - Tel. +33 3 88 65 76 30 - Fax +33 3 88 65 76 31

BLACKHAWK S.A. (Division Internationale) - Centre Eurofrêt - Rue du Rheinfeld - B.P. 5 - 67026 STRASBOURG CEDEX - FRANCE - Tel. +33 3 88 65 76 57 - Fax +33 3 88 65 76 51

BLACKHAWK AUTOMOTIVE Ltd - Leacon Road - ASHFORD KENT TN23 4UA GREAT BRITAIN - Tel. 01233 632 151 - Fax 01233 641 748

BLACKHAWK GmbH - Postfach 2064 - 77680 KEHL GERMANY - Tel. 07851/5026 - Fax 07851/75914

BLACKHAWK ITALIA SRL - Via dell'Industria 5 - 37066 SOMMACAMPAGNA - VERONA ITALY - Tel. 045 896 0477 - Fax 045 896 0386