



FLEX-LIFTER™ Conveyor Belt Lifter

A Tough, Versatile Beltline Tool.

Lifting a tensioned conveyor belt out of the way to do maintenance work is a difficult job. It can be time-consuming and dangerous. The Flex-Lifter™ makes the job safer and easier. It takes on the toughest jobs, like lifting a belt even when it is tensioned up to the stated ratings. The Flex-Lifter has the highest safe lift rating available at 1360 kg (3000 lb) for the Medium and Large models, and 2700 kg (6000 lb) for the XL model. This tool is versatile. Adjustable wings make it easy to lift troughed or flat topside belts. Also, a Return Lift Bar is included with the Medium and Large models to quickly adapt them for use on return side belts. A heavy-duty V-Return Lift Bar is also sold separately for the XL Flex-Lifter.

Safety is a Key Feature.

- A wide, dual-rail base maintains unit stability.
- Each unit is rated for safe lift capacity of 1360 kg (3000 lb) for the Medium and Large models; 2700 kg (6000 lb) for the XL model.
- Can safely lift a tensioned belt up to the stated ratings.
- Designed to work with standard CEMA and common underground conveyor structure and idler types.
- All standard safety rules for working on conveyors must be observed.



XL Flex-Lifter

Medium & Large Flex-Lifter

A High Lift for Varying Tasks.

- The Medium model gives a vertical lift of 350 mm (14"); the Large and XL models give a lift of 400 mm (16").
- Provides room to safely and easily change out worn idler rollers.
- Can lift and flatten belt to make an ideal splicing station.
- A closed unit height of 169 mm (6-3/4") on the Medium and Large, and 188 mm (7-1/2") on the XL, allows the tool to be easily placed on the conveyor between the belts.
- The extension legs can be used in two positions to sit higher or lower on the conveyor structure.

A New XL Model for Wide, Heavy-Duty Belts.

The new XL Flex-Lifter is now available for belts from 1800 to 2400 mm (72" to 96") wide. A dual scissor-action creates the power to lift heavy-duty belts up to a safe lift rating of 2700 kg (6000 lb). The XL model weighs 56.6 kg (125 lb) for easy transport and lifts both troughed and flat belts. Add the optional V-Return Lift Bar and return-side belts can also be lifted.

Other Key Features and Benefits.

- **Easy to Use.** The Flex-Lifter™ is easily operated with a manual ratchet. And, if used with caution so as not to overdrive, the Flex-Lifter may be used with a drill motor or impact wrench. All methods require a 3/4" (19 mm) socket for Medium and Large models, and a 15/16" (24 mm) socket for the XL model.
- **Works on a Range of Conveyors.** The Medium model is for belt widths 36"-60" (900-1500 mm), the Large model is for belt widths 48"-72" (1200-1800 mm), and the XL model is for belt widths 72"-96" (1800-2400 mm). Adjustable length extension legs slide out to fit the conveyor structure.
- **Transportable.** The tool can be carried to the job site and easily placed into position on the conveyor structure. The Medium model weighs only 62 lb (28.1 kg), the Large model weighs 74 lb (33.6 kg), and the XL model weighs 125 lb (56.6 kg). The Medium and Large models have three handles for carrying and placement; the XL model has two handles for two-man lifting.
- **Won't Damage the Belt.** Lifts the belt from underneath. Does not clamp onto the belt's edges or cover.

Safe Lifting Capacity (Medium and Large models)			
Height		Max. Weight	
mm	in.	kg.	lb.
0 - 25	0 - 1	170	375
25 - 50	1 - 2	340	750
50 - 75	2 - 3	570	1250
75 - 100	3 - 4	680	1500
100 - 125	4 - 5	850	1875
125 - 150	5 - 6	1020	2250
150 - 175	6 - 7	1190	2625
>175	>7	1360	3000

Safe Lifting Capacity (XL model)			
Height		Max. Weight	
mm	in.	kg.	lb.
0 - 25	0 - 1	500	1100
25 - 50	1 - 2	815	1800
50 - 75	2 - 3	1140	2500
75 - 100	3 - 4	1450	3200
100 - 125	4 - 5	1680	3700
125 - 150	5 - 6	2090	4600
150 - 175	6 - 7	2400	5300
>175	>7	2725	6000

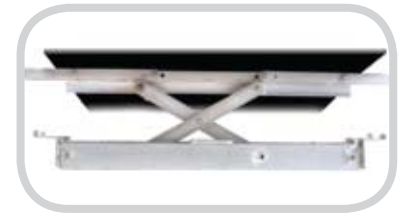
FLEX-LIFTER™ Conveyor Belt Lifter

Application Uses:

1. **For lifting troughed belts.** The trough wings are placed in the "up" position.
2. **For lifting flat belts.** Place the trough wings in the "down" position.
3. **For lifting return belts.** Lower the trough wings to the "down" position. Place the Return Lift Bar under the return side belt and secure the chains on both sides to the trough wings using the wing pins.



Lifting Troughed Belts



Lifting Flat Belts



Lifting Return Belts

Technical Information:

- Rated for a lift up to 1360 kg (3000 lb) for Medium and Large models, and 2700 kg (6000 lb) for the XL model.
- Will lift a tensioned belt up to the stated ratings.
- Must not be used within 6.2 M (20') of the head or tail pulley, or under skirt rubber.
- If used with caution so as not to overdrive, the Flex-Lifter may be used with a drill motor or impact wrench.
- All methods of operation require a 19 mm (3/4") socket for Medium and Large models, and a 24 mm (15/16") socket for the XL model.

Specifications				
Sizes	Belt Width Range	Weight	Closed Height	Vertical Lift
Medium	900-1500 mm (36"-60")	28.1 kg (62 lb)	169 mm (6.75")	350 mm (14")
Large	1200-1800 mm (48"-72")	33.6 kg (74 lb)	169 mm (6.75")	400 mm (16")
XL	1800-2400mm (72"-96")	56.6 kg (125 lb)	188 mm (7.5")	400 mm (16")
Return Lift Bar (Medium)	900-1500 mm (36"-60")	10 kg (21 lb)	n/a	n/a
Return Lift Bar (Large)	1200-1800 mm (48"-72")	18 kg (40 lb)	n/a	n/a
V-Return Lift Bar (XL)	1800-2400 mm (72"-96")	28.6 kg (63 lb)	n/a	n/a

Ordering Information		
Flex-Lifter™		
Description	Item Code	Ordering Number
Medium Flex-Lifter	76979	FL-M-AUS
Large Flex-Lifter	76980	FL-L-AUS
XL Flex-Lifter	76983	FL-XL
XL V-Return Lift Bar	76984	FLVRL-XL

Aluminum Content (for reference only)		
Aluminum Alloy Type	Percent	
	Mg Magnesium	Ti Titanium
4043	0.05	0.2
5356	5.5	0.2
6005	0.6	0.1
6061	1	-
6063	0.7	-
7075	2.5	-

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