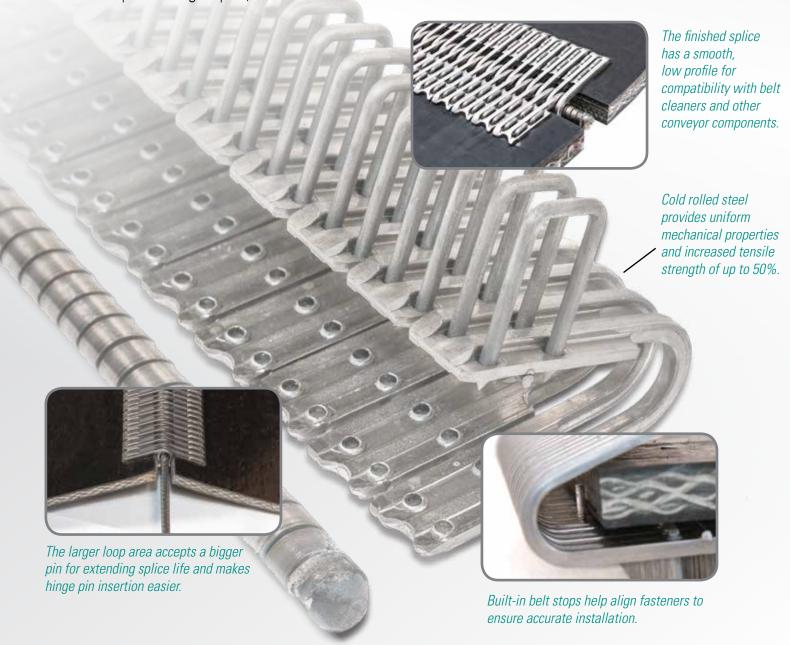# The Highest Quality Staple System on the Market

The Flexco® XP™ Staple Belt Fastening System combines an enhanced hydraulic applicator tool with the longest wearing staple fastener and hinge pin on the market to produce a superior belt splice for tough mining environments.

Extreme Performance
Where It's Most Important:

- A tool that can skip over misdrives without starting over
- One handle controls both advance and fastener installation
- Durable loop area provides up to 33% longer splice life

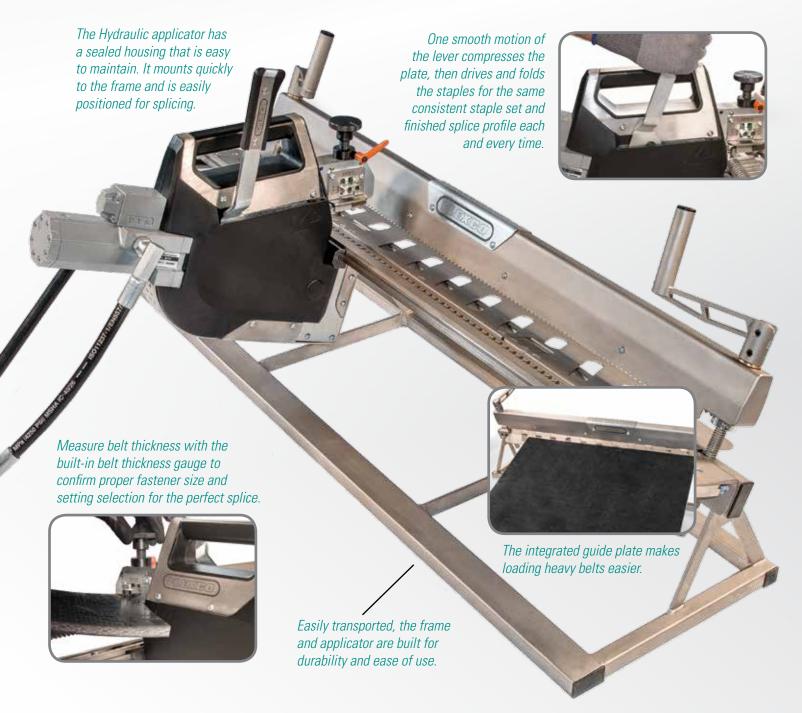**FLEXCO**

XP™ Fasteners and Hinge Pin

Designed for use with solid woven PVG/PVC belting, the XP5 staple fastener can be used on belts up to 1750 kN/m (1000 PIW) and the finished splice lasts up to 33% longer than other staple-applied fasteners. Available with standard staples or long staples, for thicker belts.

The finished splice has a smooth, low profile for compatibility with belt cleaners and other conveyor components.

Cold rolled steel provides uniform mechanical properties and increased tensile strength of up to 50%.

The larger loop area accepts a bigger pin for extending splice life and makes hinge pin insertion easier.

Built-in belt stops help align fasteners to ensure accurate installation.

STRONGEST, LONGEST LASTING

XP™ Hydraulic Applicator Tool

The XP™ Hydraulic Applicator Tool is easy to set up, operate, and transport. Unlike similar designs, the XP sets one fastener at a time so misdrives and tool jams are infrequent. And, should an occasional misdrive occur, the design allows the operator to skip over it and continue with the splice.

The Hydraulic applicator has a sealed housing that is easy to maintain. It mounts quickly to the frame and is easily positioned for splicing.

One smooth motion of the lever compresses the plate, then drives and folds the staples for the same consistent staple set and finished splice profile each and every time.

Measure belt thickness with the built-in belt thickness gauge to confirm proper fastener size and setting selection for the perfect splice.

The integrated guide plate makes loading heavy belts easier.

Easily transported, the frame and applicator are built for durability and ease of use.

STAPLE SPLICE ON THE MARKET

FLEXCO® XP™ Staple Fastening System

Combine fasteners, hinge pin, hydraulic applicator, tool frame, and hydraulic power pack to complete the system.
Use the selection charts below to choose the combination that is right for your operation.

Flexco® XP Staple Belt Fastener Selection Chart

	A		B		C		D	
Fastener Size	Belt Strength up to	Tension Rating up to	Belt Thickness Range		Recommended Min. Pulley Diameter		Max. Hinge Pin Diameter	
	kN/m	P.I.W.	mm	in	mm	in	mm	in
XP5	1750	1000	9-12	11/32 - 15/32	350	14	8.1	5/16
XP5-L	1750	1000	11-14	7/16 - 9/16	350	14	8.1	5/16

Fastener System Ordering Information

Belt Width		Ordering Number	Item Code	Weight	
mm	in			kgs	lbs
Fastener Size XP5 Standard Steel Plates and Staples					
1000	42	XP5CC-1000	37600	4.1	9.0
1200	48	XP5CC-1200	37601	4.5	10.0
1400	54	XP5CC-1400	37602	5.0	11.0
1600	60	XP5CC-1600	37603	5.4	12.0
1800	72	XP5CC-1800	37604	5.9	13.0
Fastener Size XP5-L Standard Steel Plates and Long Staples					
1000	42	XP5CC-L-1000	37615	4.5	10.0
1200	48	XP5CC-L-1200	37616	5.0	11.0
1400	54	XP5CC-L-1400	37617	5.4	12.0
1600	60	XP5CC-L-1600	37618	5.9	13.0
1800	72	XP5CC-L-1800	37619	6.4	14.0

Bare Armored Steel Cable (8.1 mm dia.) Hinge Pin Ordering Information

Belt Width		Ordering Number	Item Code	Weight		Ordering Number	Item Code	Weight	
mm	in	Single		kgs	lbs	10 Pack		kgs	lbs
1000	42	XAC5-1000-1	37570	0.5	1.0	XAC5-1000	37585	4.5	10.0
1200	48	XAC5-1200-1	37571	0.5	1.2	XAC5-1200	37586	5.4	12.0
1400	54	XAC5-1400-1	37572	0.6	1.4	XAC5-1400	37587	6.4	14.0
1600	60	XAC5-1600-1	37573	0.7	1.6	XAC5-1600	37588	7.3	16.0
1800	72	XAC5-1800-1	37574	0.8	1.8	XAC5-1800	37589	8.2	18.0

Hydraulic Applicator and Frame Ordering Information

Belt Width		Ordering Number	Item Code	Weight	
mm	in			kgs	lbs
Hydraulic Applicator Tool					
Hydraulic Applicator		XPHST	30113	26.0	57.0
Tool Frame					
1000	42	XPSTF-1000	30115	44.5	98.0
1200	48	XPSTF-1200	30116	48.5	107.0
1400	54	XPSTF-1400	30117	54.0	119.0
1600	60	XPSTF-1600	30118	62.6	138.0
1800	72	XPSTF-1800	30119	68.0	150.0

Hydraulic Power Pack Ordering Information*

Ordering Number	Item Code	Weight	
		kgs	lbs
XPHPP-380/660 50H	30100	70.0	154.0

*Includes two 10 meter (33 feet) hydraulic hoses.

Each Flexco® XP™ Staple package contains enough fastener strips to complete a single splice. Hinge pins are ordered separately.

Adapting for your belt width is easy, simply shorten the length of a strip by twisting off the length you need. Leftover strip lengths can be combined with full strips to complete a splice, eliminating waste.

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