



PIX

Power Transmission Solutions

Driving growth!

PIX-Agricultural Belts



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POTENTIAL! >>>**



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PIX-Agricultural Belts

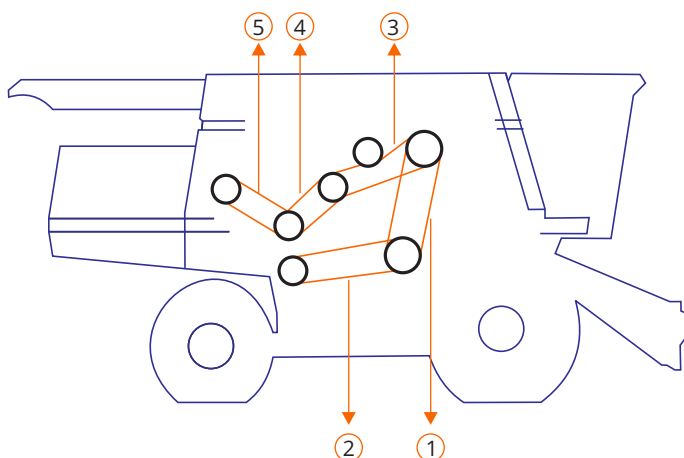
PIX-Agricultural Belts are designed to follow the international standard norms used by the original equipment manufacturers and are widely used in the replacement market and offer a trouble-free and zero-maintenance life.

PIX is an established name in Agricultural Belts. Agricultural Belts work in the most arduous environment and have to withstand adverse conditions while operating.



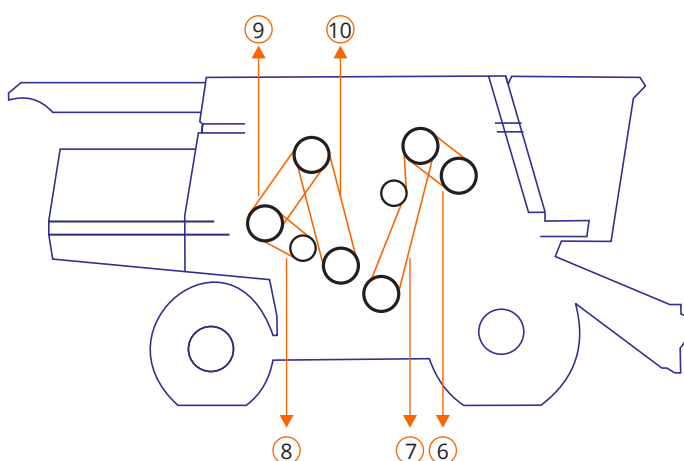
Schematic illustrations

Belt drives on the RHS of a combine harvester



1. Engine to posi torque drive
2. Ground drive variator
3. Beater drive
4. Feeder drive
5. Header drive

Belt drives on the LHS of a combine harvester



6. Compressor drive
7. Unloader drive
8. Dust drive
9. Thresher variator drive
10. Fan drive

PIX offers an extensive range of Harvester Belts that are designed to deliver maximum strength and stability on the toughest drives while delivering efficient power transmission with outstanding protection against heavy shock loads, abrasion, dust, oil, and ozone.



PIX-Harvester®-XS

Agricultural Wrapped Belts



Features

- › Special CR treated outer jacketing fabric for higher durability.
- › Anti-static, oil, and heat resistant.
- › Maximum Belt linear speed (Classical section: Up to 30 m/Sec, Wedge section: up to 42 m/Sec, Narrow section: up to 45 m/Sec).
- › Temperature range: -30°C to +80°C.

Reference standards

BS 3790, BS 3733: 1974, ASAE S211.3 & 4

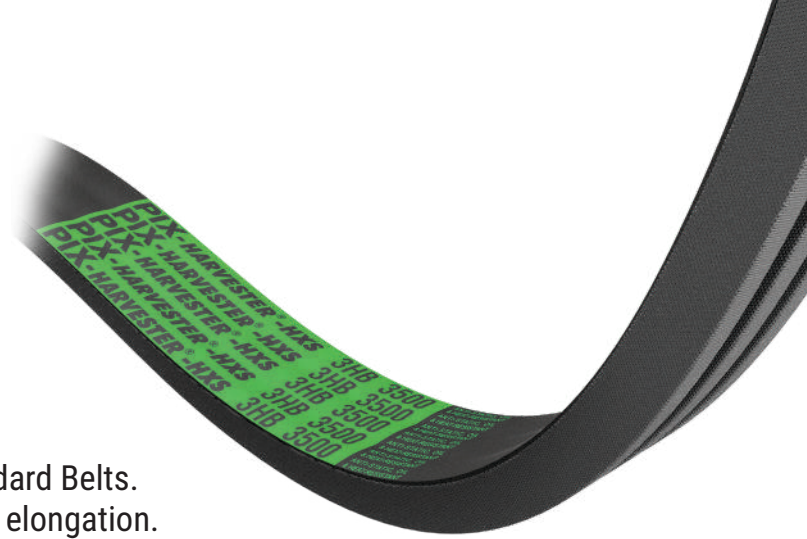
Product range

Section	Dimension			Min. Pulley Dia. (mm)	Manufacturing Range		Length Designation
	Top Width (mm)	Thickness (mm)	Angle (Degree)		Min.	Max.	
Classical Section							
AG-A	13	8	40	71	18"	256"	Li
AG-B	17	11	40	112	18"	927"	Li
AG-C	22	14	40	180	31"	927"	Li
AG-D	32	19	40	355	44.5"	927"	Li
Wedge Section							
AG-SPZ	10	8	40	63	494 mm	4025 mm	Lp
AG-SPA	13	10	40	90	576 mm	9087 mm	Lp
AG-SPB	17	14	40	140	1000 mm	23606 mm	Lp
AG-19	19	15	40	180	2255 mm	9110 mm	Lp
AG-SPC	22	18	40	224	1836 mm	23629 mm	Lp
Narrow Section							
AG-3V	9.7	8	40	63	19.5"	159"	La
AG-5V	15.8	13.5	40	140	47"	930"	La
AG-8V	25.4	23	40	335	100"	933"	La



PIX-Harvester® -HXS

Agricultural, Wrapped Banded Belts



Features

- › High power transmission capacity than standard Belts.
- › High strength tensile member with minimum elongation.
- › Controlled radial and lateral run-out, facilitate smooth operation.
- › Top curvature provides superior adhesion and accelerates the heat dissipation rate.
- › Extended service life.
- › Anti-static, oil, and heat resistant.
- › Temperature range: -30°C to +80°C.

Reference standards

BS 3790, ASAE 211-4

Product range

Section	Dimension			Pitch (mm)	Manufacturing Range		Length Designation
	Top width (mm)	Thickness (mm)	Angle (Degree)		Min.	Max.	
AG-HA	13.0	10.5	40	15.9	50"	256"	Li
AG-HB	17.0	12.5	40	19.0	50"	927"	Li
AG-HC	22.0	16.0	40	25.5	50"	927"	Li
AG-HSPZ	10.0	10.0	40	12.0	1310 mm	6539 mm	Lp
AG-HSPA	13.0	12.0	40	15.0	1315 mm	4363 mm	Lp
AG-HSPB	17.0	16.0	40	19.0	1762 mm	10068 mm	Lp
AG-HSPC	22.0	21.5	40	25.5	1632 mm	23629 mm	Lp
AG-H3V	9.7	10.5	40	10.3	51.5"	172"	La
AG-H5V	15.8	15.5	40	17.5	52.5"	930"	La

Note: Aramid cord construction Belts are available upon request.



PIX-Harvester[®]-VS

Agricultural, Variable-speed Wrap Belts

Features

- › Highly flexible, suitable for smaller diameter pulleys.
- › High power transmission capacity than standard Belts.
- › High tensile strength.
- › Excellent performance under variable load conditions.
- › Temperature range: -18°C to +80°C.

Reference standards

ISO 3410:1989 / BS 3733:1974, ASAE 211-3 & 4

Product range

Section	Top width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range		Length Designation
				Min. (mm)	Max. (mm)	
AG-HI	25	13	30	1200	6584	La
AG-HJ	32	15	30	1225	6596	La
AG-HK	38	18	30	1536	9155	La
AG-HL	45	20	30	1668	6628	La
AG-HM	51	22	30	1935	10144	La



PIX-Duo® -XS

Agricultural, Double-sided Hexagonal Wrap Belts

Features

- › Transmits power from both sides of the Belt.
- › The center cord provides high tensile strength and low stretch.
- › Special design provides excellent flexibility required in twin power drives.
- › Enhanced product life.
- › Temperature range: -30°C to +80°C.

Reference standards

BS 3733: 1974, ASAE 211-3 & 4

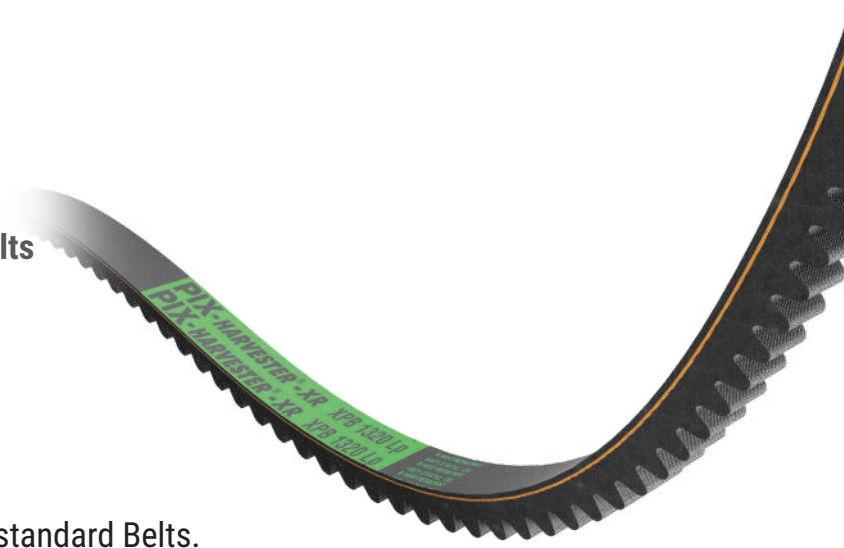
Product range

Section	Dimension			Min. Pulley Dia. (mm)	Manufacturing Range		Length Designation
	Top width (mm)	Thickness (mm)	Angle (Degree)		Min. (inch)	Max. (inch)	
AG-AA	13	10	40	80	48	258	Le
AG-BB	17	14	40	125	43	930	Le
AG-CC	22	17	40	224	77	930	Le
AG-25	25	22	40	280	92	925	Le



PIX-Harvester® -XR

Agricultural Moulded Raw Edge Cogged Belts



Features

- › Higher power transmission capacity over standard Belts.
- › Belts offer enhanced longitudinal flexibility due to specially designed cog profile.
- › Suitable for drives using smaller diameter pulleys at higher RPM.
- › Suitable for reverse bend drives.
- › The unique combination of lateral rigidity, which reduces the dishing effect, offers improved power transmission.
- › Anti-static, oil & heat resistant.
- › Specially compounded for significant performance, under variable speed conditions.
- › No bottom cracking/chipping is observed, as the Belt design is application-specific.
- › Low Belt-stretch due to the high tensile strength cords used in the Belt.
- › Temperature range: -25°C to +100°C.

Reference standards

BS 3790, BS 3733: 1974, ASAE S211.3 & 4

Product range

Section	Dimension			Recommended Minimum pulley Dia. (mm)	Manufacturing Range		Length Designation
	Top Width (mm)	Thickness (mm)	Angle (Degree)		Min.	Max.	
Classical Section							
AG-AX	13	8	36	63	21.5"	200"	Li
AG-BX	17	11	36	90	21.5"	330"	Li
AG-CX	22	14	36	140	23.5"	330"	Li
Wedge Section							
AG-XPA	13.0	10	36	71	550 mm	5000 mm	Lp
AG-XPB	16.3	14	36	112	550 mm	8380 mm	Lp
AG-XPC	22.0	18	38	180	600 mm	8380 mm	Lp
Narrow Section							
AG-3VX	9.7	8.0	38	56	21.5"	200"	La
AG-5VX	15.8	13.5	38	112	21.5"	330"	La

Note: Aramid cord construction Belts are available upon request.



PIX-Spectra® -XR

Centre-corded, Inversely Flexible,
Raw Edge Laminated Belts

Features

- › Higher power rating compared to standard wrap Belts.
- › Improved flexibility, and best suited for acute reverse bend drive or in twisted-drive applications.
- › High tensile strength.
- › Superior Belt life.
- › Temperature range: -25°C to +100°C.

Reference standard

BS 3790

Product range

Section	Top width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range		Length Designation
				Min. (inch)	Max. (inch)	
CC-AX	12.7	8.5	36	24	200	Li
CC-BX	15.5	11.0	36	24	200	Li
CC-CX	22.0	14.0	36	51	200	Li



PIX-Harvester® -XV

Agricultural, Variable-speed,
Moulded Raw Edge Cogged Belts

Features

- › Specially designed for high-speed applications, using smaller diameter pulleys.
- › Highly flexible and offers accelerated heat dissipation rate.
- › Excellent performance under variable load conditions.
- › Temperature range: -25°C to +100°C.

Reference standards

ISO 3410:1989 / BS 3733:1974, ASAE 211-3 & 4

Product range

Section	Top width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range		Length Designation
				Min. (mm)	Max. (mm)	
AG-XHG	17	8	26	550	5000	Le
AG-XHH	20	10	26	550	5000	Le
AG-XHI	25	13	26	550	5000	Le
AG-XHJ	32	15	26	750	5000	Le
AG-XHK	38	18	26	750	5000	Le
AG-XHL	45	20	26	750	5000	Le
AG-XHM	51	22	26	750	5000	Le
AG-XHN	57	24	26	750	5000	Le
AG-XHO	64	25	26	750	5000	Le
AG-XHQ	76	30	30	750	5000	Le

- Intermediate sizes are available upon request
- Aramid cord construction Belts are available upon request



PIX-Rice Harvester Belts

Rice harvesters have helped in significantly improving the productivity of rice harvesting, which in general is a highly labour-intensive process.

Given the extreme conditions that are characteristic of this application, the modern Rice Harvesters call for the Belts, to be extremely robust and reliable.

PIX-Rice Harvester Belts are specially engineered for the heavy-duty rice harvesting machines, equipped to reliably transmit power even in adverse conditions with higher efficiency.

The series comprises a host of products in Raw Edge Cogged and Wrapped construction-

PIX-Dominator®-XR

PIX-Enforcer®-XS

PIX-Valiant®-XS



PIX-Dominator®-XR

Heavy-duty, Aramid-corded Moulded Raw Edge Cogged Belts

Features

- Superior high power transmission capacity.
- Aramid cord reinforcement for superior tensile strength.
- Lower elongation and slippage.
- Excellent performance under heavy shock load conditions.
- Superior lateral rigidity and longitudinal flexibility.
- Suitable for drives with small diameter pulleys.
- Suitable for heavy-duty and high speed applications.
- Anti-static, oil and heat resistant.
- Temperature range: -25°C to +100°C.



Reference standards

PIX proprietary

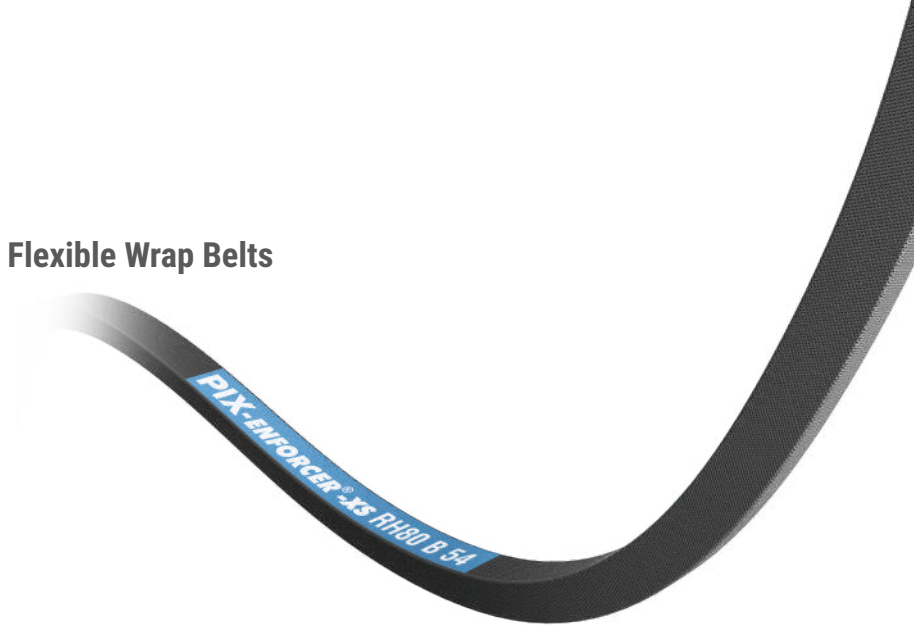
Product range

Section	Top Width (mm)	Thickness (mm)	Angle (Degrees)	Manufacturing Range		Length Desg.
				Min. (inch)	Max. (inch)	
RH10-BX	17	10	38	22	85	Lp
RH10-CX	22	11	38	22	85	Lp



PIX-Enforcer® -XS

Heavy-duty, Aramid-corded, Inversely Flexible Wrap Belts



Features

- › Superior power transmission capacity over standard Belts.
- › Specially treated outer fabric cover for high wear resistance.
- › Specially coated Aramid cords offer enhanced adhesion strength and minimal elongation.
- › Unique design in wrap construction profile offers the acute reverse bending property to the Belts facilitating smooth functioning over smaller diameter pulleys.
- › Smooth and enhanced performance over variable load and the drives using reverse idlers.
- › Longer service life.
- › Extended temperature range: -25°C to + 100°C.

Product range

Section	Top Width (mm)	Thickness (mm)	Angle (mm)	Manufacturing Range		Length Desg.
				Min. (inch)	Max. (inch)	
RH80-A	13	8	40	46	185	Lp
RH80-B	17	10	40	46	156	Lp
RH80-C	22	11	40	46	196	Lp

• Intermediate sizes are available upon request



PIX-Valiant® -XS

High-power, Inversely Flexible Wrap Belts



Features

- High power transmission capacity as compared to standard Belts.
- Unique design in wrap construction profile offers the acute reverse bending property to the Belt facilitating smooth functioning over smaller diameter pulleys.
- High tensile strength.
- Extended service-life.
- Extended temperature range: -25°C to + 100°C.

Product range

Section	Top Width (mm)	Thickness (mm)	Angle (Degrees)	Manufacturing Range		Length Desg.
				Min. (inch)	Max. (inch)	
RHR2-A	13	8	40	46	185	Lp
RHR2-B	17	10	40	46	156	Lp
RHR2-C	22	11	40	46	196	Lp

• Intermediate sizes are available upon request



PIX-Carrot Harvester Belts

Carrot harvesters are top lifters, where Belts are used as a medium to transport the carrots that are pulled from the soil to the storage tank.

This application demands special construction Belts, offering high wear-resistance, considering the harsh field environment and the use of several mid-roller pulleys in the application.



PIX-Extractor® -XS

Carrot Harvester Belts

Features

- › Unique top-profile design to lift/extract carrots from the field.
- › High wear resistance outer fabric for longer service life.
- › Superior adhesion to eliminate top-profile separation.
- › Special rubber compound of high wear/tear and crack resistance.
- › Ozone, water and heat resistance to minimise premature formation of cracks.
- › High tensile strength with minimum elongation.
- › Temperature range: -18°C to +80°C.

Product range

Section	Top Width (mm)	Thickness (mm)	Pattern Height (mm)	Angle (Degree)	Manufacturing Range		Length Desg.
					Min. (inch)	Max. (inch)	
PT7-D (32x26)	32	26	7	40	160	927	Li
PT7-37 (37x25)	37	25	7	40	150	927	Li



PIX-Tractor Belts

PIX-Force®

Automotive, Moulded Raw Edge Cogged Belts

Features

- › Best suited for next-generation, high-speed engines.
- › Cog profile offers enhanced flexibility and accelerated heat dissipation rate.
- › Higher power transmission capacity, best suited for smaller diameter pulleys.
- › Specially treated tensile cords offer superior strength and minimal stretch.
- › Compounded for better grip and lateral rigidity.
- › Excellent resistance to oil and heat.
- › Suitable for HEMM (Heavy earthmoving machinery) applications.
- › Temperature range: -45°C to +120°C.



Reference standards

BS ISO-5287, DIN 7753-3, SAE J 636, JASO E 107

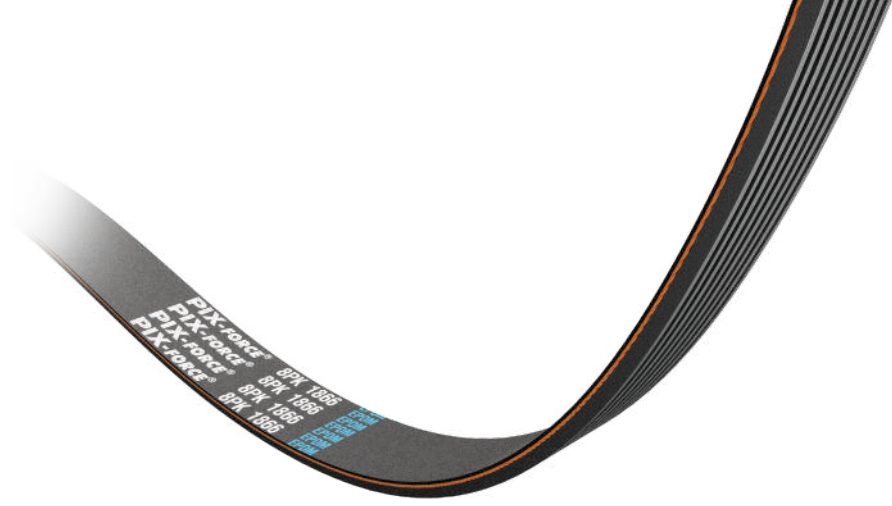
Product range

Section	Standards	Top Width (mm)	Thickness (mm)	Angle (Degree)	Manufacturing Range		Length Designation
					Min. (mm)	Max. (mm)	
X9.5 / AVX10	BS ISO 5287	10.0	8.0	36	550	5000	La
X12.5 / AVX13	BS ISO 5287	13.0	10.0	36	550	5000	La
X10A	SAE J 636	10.5	8.0	38	550	5000	Le
X11A	SAE J 636	11.5	8.0	36	550	5000	Le
X13A	SAE J 636	13.5	9.0	36	550	5000	Le
X15A	SAE J 636	17.0	10.5	38	550	5000	Le
X17A	SAE J 636	18.5	11.0	36	550	5000	Le
X20A	SAE J 636	21.5	12.5	36	550	5000	Le
X23A	SAE J 636	23.8	13.0	38	550	5000	Le
XV10	JASO E 107	10.5	8.0	38	550	5000	Le
XV13	JASO E 107	13.0	9.0	38	550	5000	Le
XV15	JASO E 107	17.0	11.0	38	550	5000	Le
XV20	JASO E 107	22.5	13.0	38	550	5000	Le



PIX-Force®

Automotive, Ribbed / Poly-V Belts



Features

- › Special EPDM high compression compound for enhanced dimensional stability, minimal vibrations and reduced noise levels.
- › Exceptional performance in extreme temperature conditions because of special thermal resistance compound, where the temperature fluctuates from -35°C to +130°C.
- › Special fibre-loaded compound offers enhanced product life.
- › High power-rated Belts for improved performance over higher load and speed conditions.
- › Oil and heat resistant, suitable for HEMM applications.
- › Superior ozone, steam, water and acid resistance to minimise early ageing and crack formation.

Reference standards

ISO 9981, RMA IP 26

Product range

Section	Thickness (mm)	Rib Pitch (mm)	Min. Pulley Dia. (mm)	No. of Possible Ribs	Manufacturing Range		Length Designation
					Min. (mm)	Max. (mm)	
PK	4.5	3.56	45	2 to 150*	280	5000	Le
DPK(Twin power)	7.0	3.56	50	2 to 13	1195	3255	Le

* Belts are available in Moulded type: PK-710, 720, 730, 740, 750, 770, 800, 875, 930, 1035, 1040, 1045, 1115, 1170, 1200, 1240, 1250, 1323, 1363, 1385, 1397, 1422, 1515, 1570, 1585, 1665, 1705, 1820, 1835

Service Equipment



PIX-Digital Tension Meter



PIX- Tension Tester



PIX-Service Kit



PIX-Mobile app



PIX-X'Align® Laser-guided Pulley Alignment Tool



PIX-Belt Profile Gauge



PIX-Collapsible Belt Length Measurer



PIX-Belt Length Measurer



PIX-Pulley Gauges



PIX-Pentagon (Poly-V Belt Wear Gauge)



PIX-Banded Pulley Gauges



PIX-Pentagon (Timing Belt Gauges)



PIX-X'slit (Belt Cutting Machine)





5+
DECADES OF EXPERTISE
& EXPERIENCE



80K+
EXTENSIVE
PRODUCT RANGE



6
GLOBAL
LOCATIONS



100+
COUNTRIES
GLOBAL FOOTPRINT

ISO
9001:2015

IATF
16949:2016

ISO
14001:2015

ISO
45001:2018

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