

BELT XP

SCREW COMPRESSOR







QUALITY AND INNOVATIONS MADE IN GERMANY.

Decades of experience and excellent performance

ALMiG is one of the leading compressed air technology system providers and has decades of experience delivering premium products in the compressed air sector. Companies all around the world trust in our customer focused solutions, our quality, innovation and flexibility. Our advanced compressor technologies combine excellence with the quietest possible running performance, optimal energy efficiency and particularly careful conservation of resources.

Ongoing development and comprehensive industry knowledge

Constant research and development form the essential foundation for the efficiency of every system manufactured by ALMiG. Only these constant enhancements and improvements enable us to react quickly and flexibly to individual customer wishes. This attitude is complemented by a comprehensive understanding of the sector: we understand the challenges that our customers are faced with and the requirements that arise as a consequence. ALMiG offers effective solutions for a wide range of applications – from small craft workshops to medium-sized companies to big industry.

Complete service and maximum availability

The highest quality technological solutions deserve an equally high level of service. The ALMiG service provisions offer our customers a complete service programme: from providing comprehensive advice to ensuring availability, improving cost-effectiveness and developing energy-saving potential. As an expert partner, ALMiG offers its customers advice and support on all issues. Our goal is to contribute to your economic success with our service offerings.

ALMiG: Compressor Systems Made in Germany

Piston compressors

Screw compressors

Turbo compressors

Scroll compressors

Special installations

Controllers

Compressed air treatment

Services

BELT XP

Robust and reliable

Stable air pressure, consistent volume flow and quiet continuous operation are just a few of the advantages that benefit you with the ALMiG BELT XP series. These sophisticated, compact units, unlike conventional reciprocating compressors, offer reduced noise levels and improved compressed air quality through a much lower residual oil content.

With its robust and proven components, the BELT XP compact system reliably ensures high compressor performance and operational reliability around the clock. The long-lasting compressors are equipped with a low-maintenance V-belt drive, which transmits drive power from 4 to 37 kW virtually loss-free.

The BELT XP series enables particularly economical and reliable operation in the volume flow range up to 6.30 m³/min.

In addition, the concept of the fixed-speed series aims at long service life and low maintenance costs, making the screw compressors particularly suitable for use as base-load compressors in continuous operation.

The intuitive ALMiG controls make the BELT series easy to operate. Due to the maintenance-friendly design, the service costs remain completely manageable.

Application

Industry

Power output

4 - 37 kW

Volume flow acc. to ISO 1217
(Annex C-2009):

8 bar: 0.56-6.30 m³/min

10 bar: 0.48-5.84 m³/min

13 bar: 0.58-4.70 m³/min

Operating pressure

5 - 13 bar

Cooling

Air-cooled

Drive

V-belt

Motor

Energy efficiency class IE 3; IP 55
protection, protection class F



- + Versatile use thanks to numerous possible extension options
- + Proven V-belt drive
- + Low maintenance costs due to long service intervals

ALMiG XP Series:

The standard compressors for demanding applications:

- Xtra Performance
- Efficient cooling
- Proven reliability
- Robust and long-lasting components

Integral compressor stage

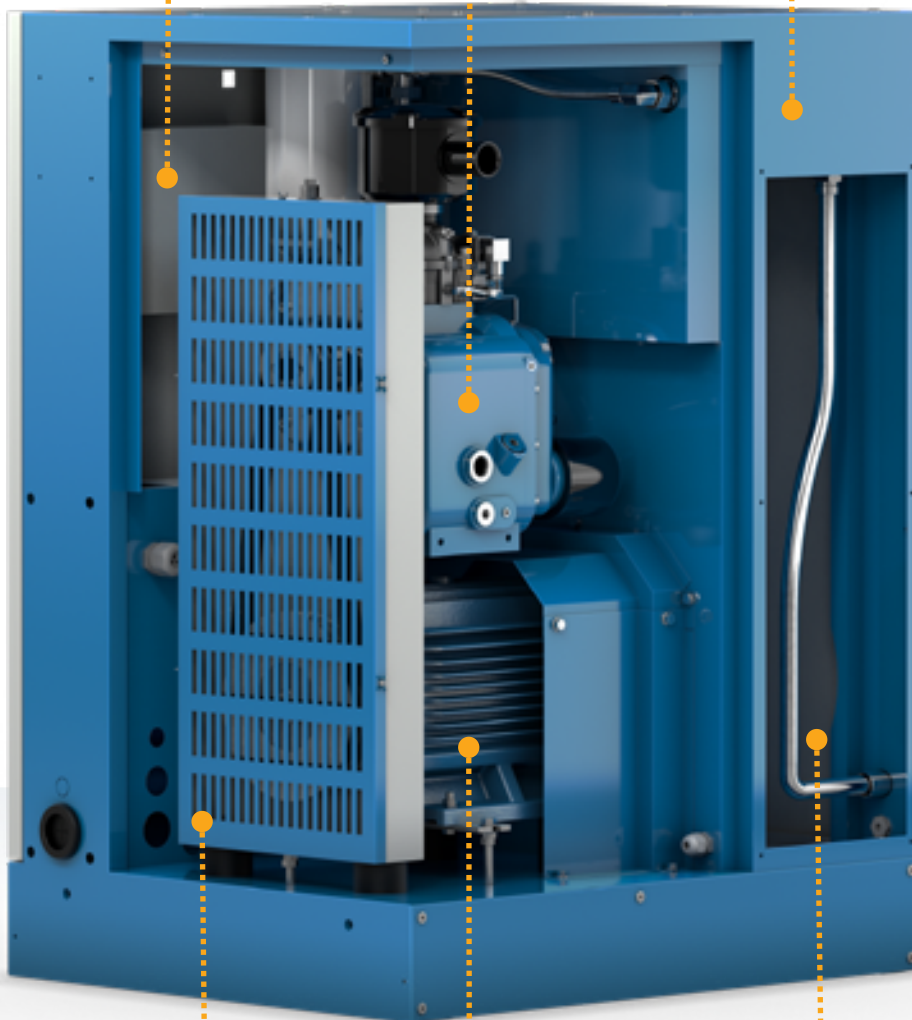
Combines compressor stage and receiver in one component to significantly reduce internal pressure losses

Air Control

Smart controller that monitors, visualises and documents

Side-mounted compressed air cooler

Enables suction of the coldest possible air



Service-friendly construction

High-efficient IE3-Motor

Efficient, noise-reducing cooling air flow

Suitable controllers:

AIR CONTROL B



Standard

AIR CONTROL P



Optional

BELT XP



BELT XP 4-6



BELT XP 8-15

50 Hz

BELT XP	Volume flow acc. to ISO 1217 (Annex C-2009)			Rated motor power	Length	Width	Height	Weight
	8 bar	10 bar	13 bar					
Model	m ³ /min	m ³ /min	m ³ /min	kW	mm	mm	mm	kg
4	0.56	0.48	-	4	750	600	955	201
6	0.78	0.68	0.58	5.5	750	600	955	217
8	1.18	1.00	0.76	7.5	800	670	1100	275
11	1.70	1.49	1.30	11	800	670	1100	285
15	2.21	1.95	1.68	15	800	670	1100	370
16	2.40	2.13	1.66	15	1250	880	1515	610
18	3.00	2.77	2.20	18.5	1250	880	1515	653
22	3.70	3.34	2.62	22	1250	880	1515	681
30	5.20	4.62	3.86	30	1350	940	1680	857
37	6.30	5.84	4.70	37	1350	940	1680	895



BELT XP 15-22



BELT XP 30-37

Compressor + Dryer

BELT XP	Dimensions	Weight
Model	mm	kg
4	1050 x 600 x 955	236
6	1050 x 600 x 955	252
8	1200 x 670 x 1100	315
11	1200 x 670 x 1100	326
15	1200 x 670 x 1100	411

Compressor + Receiver (270 Liter / 71 gal)

BELT XP	Dimensions	without dryer		with dryer	
		kg	kg	kg	kg
Model	mm	kg	kg	kg	kg
4	1545 x 600 x 1565	341	376		
6	1545 x 600 x 1565	357	392		
8	1545 x 670 x 1710	415	456		
11	1545 x 670 x 1710	425	466		
15	1545 x 670 x 1710	515	556		

Compressor + Receiver (500 Liter / 132 gal)

BELT XP	Dimensions	without dryer		with dryer	
		kg	kg	kg	kg
Model	mm	kg	kg	kg	kg
8	1928 x 670 x 1810	475	516		
11	1928 x 670 x 1810	485	526		
15	1928 x 670 x 1810	620	661		
16	2210 x 880 x 2035	840	-		
18	2210 x 880 x 2035	883	-		
22	2210 x 880 x 2035	900	-		

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