

The Booster series in the power range 2.2–30 kW represents a comprehensive product mix of piston compressors whose main area of application is the post-compression of compressed air.

Boosters are employed wherever already pre-compressed air of up to 13 bar is available, or they are fed by a normal compressor on the intake side, and compress the air to the desired higher discharge pressure of maximal 40 bar in a second compression procedure – and this in a manner which is simple, safe, and without having to invest in a separate high-pressure network.

ALMiG Boosters feature a compact design and a clear, service-friendly construction.

They are known for their efficient production of compressed air and long service life, also in 3-shift continuous operation.

The slowly running (speeds of up to 600 to 1450 min⁻¹) air-cooled compressors can be adapted to almost any kind of operating conditions due to their modular construction. The standard version is designed for pre-pressures between 5 and 13 bar. Other pre-pressures upon request.



Booster base unit



Booster on base frame

Booster (20/35/40 bar)

Type	Min. pre-pressure bar	Max. discharge pressure bar	Air flow as per ISO 1217 at discharge pressure...						Motor nominal power in kW at discharge pressure...						Length mm	Width mm	Compressed air connection G"
			15 bar	20 bar	25 bar	30 bar	35 bar	40 bar	15 bar	20 bar	25 bar	30 bar	35 bar	40 bar			
Booster 2-42-55	5.00	35	440	420	410	400	390	–	2.2	2.2	2.2	3.0	3.0	–	1110	480	1/2
															720		
Booster 2-42-70	5.00	20	560	540	–	–	–	–	2.2	3.0	–	–	–	–	1110	480	1/2
															720		
Booster 2-42-74	5.00	40	720	689	671	646	634	585	3.0	3.0	3.0	4.0	4.0	4.0	1110	480	1/2
	7.50		1122	1085	1050	1025	995	958	3.0	3.0	4.0	4.0	4.0	5.5	480		
	10.00		1470	1440	1405	1385	1349	1305	3.0	4.0	4.0	4.0	5.5	5.5	720		
Booster 3-42-74	5.00	40	1300	1230	1190	1140	1110	1060	4.0	5.5	5.5	7.5	7.5	7.5	1110	590	3/4
	7.50		1980	1910	1840	1800	1755	1700	4.0	5.5	7.5	7.5	11.0	11.0	590		
	10.00		2590	2530	2480	2440	2330	2300	4.0	5.5	7.5	11.0	11.0	11.0	720		
Booster 2-50-72	7.50	40	2830	2810	2790	2765	2750	2735	18.5	18.5	18.5	22.0	22.0	22.0	1380	1020	28 mm
	10.00		3570	3550	3530	3515	3500	3485	18.5	18.5	22.0	22.0	22.0	22.0	1020		
	13.00		–	4460	4440	4425	4410	4400	–	18.5	22.0	22.0	22.0	22.0	910		
Booster 2-60-72	7.50	35	4150	4130	4110	4095	4080	–	18.5	18.5	18.5	22.0	22.0	–	1380	820	28 mm
	10.00		5290	5270	5250	5235	5220	–	18.5	18.5	22.0	22.0	22.0	–	820		
	13.00		–	6610	6590	6575	6560	–	–	22.0	22.0	22.0	22.0	–	910		
Booster 3-60-72	7.50	35	6195	6175	6155	6140	6125	–	22.0	22.0	22.0	30.0	30.0	–	1510	920	35 mm
	10.00		7900	7880	7860	7845	7830	–	22.0	22.0	30.0	30.0	30.0	–	920		
	13.00		–	9895	9875	9860	9845	–	–	30.0	30.0	30.0	30.0	–	910		
Booster 3-50-72	7.50	40	4235	4215	4195	4180	4165	4150	22.0	22.0	30.0	30.0	30.0	30.0	1510	1020	35 mm
	10.00		5390	5370	5350	5335	5320	5305	22.0	22.0	30.0	30.0	30.0	30.0	1020		
	13.00		–	6760	6745	6730	6715	6700	–	30.0	30.0	30.0	30.0	30.0	910		