

WHAT ARE YOUR COMPRESSED AIR REQUIREMENTS?

You would like to know which compressor is the right one for your applications? The effective delivery volume that your compressor requires can be easily calculated. First you have to know, which tools will be used and if these are used on for a short while or continuously. The appropriate air requirements can then be found in the table below. If you would like to operate several tools at the same time, just add up their air requirement and you will get the minimum effective delivery volume that your compressor has to deliver for you to have a continuous and sufficient supply of compressed air.

Example: You use an impact screwdriver DSSW 930-1/2" for a short while, (180 l/min) and a grease gun for a medium duration (30 l/min), your minimum air requirement per minute is

$$180 \text{ l/min} + 30 \text{ l/min} = 210 \text{ l/min.}$$

Using this value you can select the appropriate compressor from the compressor pages from page 50. The appropriate compressor for the above example would be the Mega 55 as a filling capacity of min. 210 l/min is required.



	Type	Air requirement (l/min)		
		Air requirement for low use of the tool (l/min)	Air requirement for medium use of the tool (l/min)	Air requirement for continuous use (l/min)
Compressed Air Impact Wrench	DSSW 360 Set 1/2"	120	180	240
	DSSW 450-3/8"	140	210	280
	DSSW 475-1/2"	140	210	280
	DSSW 930-1/2"	180	270	360
	DSSW 1690-3/4"	210	315	420
	DSSW 2440-1"	260	390	520
Compressed Air Ratchet Wrench	DRS 68 Set 1/2"	70	150	220
	DRS 35-1/4"	130	260	390
	DRS 95-1/2"	150	300	450
Compressed Air Screwdriver	DS 14	110	230	340
Compressed Air Drill	DB 10	120	240	360
Compressed Air Die Grinder	DG 25 Set	100	200	300
	DG 700	20	400	600
	DG 700 L	20	400	600
Compressed Air Angle Grinder	DW 125	170	340	500
	DW 125 Quick	170	340	500
Compressed Air Disc Sander	DSX 150	180	370	550
Compressed Air Band File	DBF 457	130	270	400
Compressed Air Large Diameter Saw	DKS 10 Set	140	280	420
Compressed Air Chisel Hammer	DMH 30 Set	90	190	280
	DMH 290 Set	110	220	330

	Type	Air requirement (l/min)		
		Air requirement for low use of the tool (l/min)	Air requirement for medium use of the tool (l/min)	Air requirement for continuous use (l/min)
Compressed Air Stapler Gun / Nailer	DKNG 40/50	35	70	100
Compressed Air Pin Nailer	DPN 25	20	35	50
Compressed Air Stapler Gun	DKG 80/16	20	35	50
	DKG 90/25	25	55	80
	DKG 90/40	35	70	100
	DKG 114/65	75	150	225
Compressed Air Head Nailer	DSN 50	35	70	100
Compressed Air Grease Gun	DFP 400	15	30	45
Spray Gun	SPP 1000	65	135	200
Combi Spray Gun	UBS 1000	60	120	180
Compressed Air Cartridge Gun	DKP 310	20	40	65
Paint Spray gun	FSP 100	50	75	100
	FSP 600	80	160	240
	FSP 1000 S	80	160	240
	FSP 600 HVLP	55	115	170
	FSP 600 LVLP	45	90	135
Blow Gun	BP 10	100	150	200
	BP 210	100	150	200
	BP 200	150	275	350
	BP 500	150	275	350
Blow Gun Aluminium	BPA 15	100	200	295
	BPA 15 S	110	220	335