

SCREW COMPRESSORS



FF MONSUN

RELIABLE AND SILENT SCREW COMPRESSOR FOR AUTO REPAIR SHOPS, AGRICULTURE AND SMALL INDUSTRIAL TASKS. AVAILABLE IN SEVERAL VERSIONS, TO FIT YOUR SPECIFIC COMPRESSED AIR TASKS.



FF MONSUN 2 - 15

- The FF Monsun screw compressors are equipped with the latest technology for optimized efficiency, with a lower energy consumption. Built for continuous operation - all day.

Our screw compressors are more efficient than piston compressors, and thus ideal for users with a higher demand for compressed air.

ADVANTAGES OF THE MONSUN RANGE

- ✓ Advanced, highly efficient air end
- ✓ User-friendly control panel
- ✓ Low noise level - as low as 61 dB(A)
- ✓ Efficient internal cooling
- ✓ Easy access to components for maintenance tasks



Monsun 2-7 is available with an electronic, iconbased Air Energy Control or with a simple operating panel, while Monsun 8-15 is only available with Air Energy Control.

WIDE RANGE OF SCREW COMPRESSORS

- **Monsun 2-7** is our smallest screw compressors from 2.2 - 7.5 kW. Available as basemounted and tankmounted, on a 200 or 270 L receiver, and with or without integrated refrigerated dryer.

Monsun 5-7 includes YD start, which protects your power supply with a lower ampere consumption.

- **Monsun 8-15** is the larger group in the Monsun range, from 7.5 - 15 kW. These models are available basemounted or tankmounted, on a 270 or 500 L receiver, with or without refrigerated dryer. All models are equipped with YD start.



DESIGN YOUR OWN SOLUTION

You can design the solution that fits your specific needs. For users with many start/stops we recommend an air receiver, which stores the compressed air until needed. To protect your equipment you can also choose to add a refrigerated dryer. Everything is integrated into one installation, as a very space efficient solution.



MONSUN 2 - 7



Advanced screw air end

FF Monsun 2-7 is built with an innovative air end, that ensures 15% more air, than on previous models, but with 12% lower energy consumption.



Model	kW	hp	dB(A)	V*
Monsun 2 - 230V	2.2	3	61	230/1/50
Monsun 2 - 400V	2.2	3	61	400/3/50
Monsun 3	3	4	61	400/3/50
Monsun 4	4	5.5	62	400/3/50
Monsun 5	5.5	7.5	66	400/3/50
Monsun 7	7.5	10	68	400/3/50

* Also available for 230/3/50

Monsun 2-7 is available as basemounted or tankmounted, on a 200 or 270 L receiver. Tank-mounted versions have an option for integrated refrigerated dryer.



WITH SIMPLE CONTROLLER



Model	bar	L/min.*	Basemounted	Tankmounted 200 L		Tankmounted 270 L	
			excl. dryer	excl. dryer	incl. dryer	excl. dryer	incl. dryer
Monsun 2 (230 V)	8	366	4152055630	4152055632	4152055636	4152055634	4152055638
	10	294	4152055631	4152055633	4152055637	4152055635	4152055639
Monsun 2 (400 V)	8	366	4152055580	4152055582	4152055586	4152055584	4152055588
	10	294	4152055581	4152055583	4152055587	4152055585	4152055589
Monsun 3	8	474	4152055590	4152055592	4152055596	4152055594	4152055598
	10	366	4152055591	4152055593	4152055597	4152055595	4152055599
Monsun 4	8	600	4152055600	4152055602	4152055606	4152055604	4152055608
	10	516	4152055601	4152055603	4152055607	4152055605	4152055609
Monsun 5	8	888	4152055610	4152055612	4152055616	4152055614	4152055618
	10	780	4152055611	4152055613	4152055617	4152055615	4152055619
Monsun 7	8	1062	4152055620	4152055622	4152055626	4152055624	4152055628
	10	984	4152055621	4152055623	4152055627	4152055625	4152055629

* At 7 bar and 9.5 bar

WITH AIR ENERGY CONTROLLER



Model	bar	L/min.*	Basemounted	Tankmounted 200 L		Tankmounted 270 L	
			excl. dryer	excl. dryer	incl. dryer	excl. dryer	incl. dryer
Monsun 2 (230 V)	8	366	4152052630	4152052632	4152052636	4152052634	4152052638
	10	294	4152052631	4152052633	4152052637	4152052635	4152052639
Monsun 2 (400 V)	8	366	4152052580	4152052582	4152052586	4152052584	4152052588
	10	294	4152052581	4152052583	4152052587	4152052585	4152052589
Monsun 3	8	474	4152052590	4152052592	4152052596	4152052594	4152052598
	10	366	4152052591	4152052593	4152052597	4152052595	4152052599
Monsun 4	8	600	4152052600	4152052602	4152052606	4152052604	4152052608
	10	516	4152052601	4152052603	4152052607	4152052605	4152052609
Monsun 5	8	888	4152052610	4152052612	4152052616	4152052614	4152052618
	10	780	4152052611	4152052613	4152052617	4152052615	4152052619
Monsun 7	8	1062	4152052620	4152052622	4152052626	4152052624	4152052628
	10	984	4152052621	4152052623	4152052627	4152052625	4152052629

* At 7 bar and 9.5 bar

SEE OPTIONS AND DIMENSIONS ON PAGE 7-8 >

MONSUN 8 - 15



Including YD starter

Monsun 8-15 models are equipped with YD starter, which protects your power supply with a lower ampere consumption.



Monsun 8-15 is available as basemounted and tankmounted, on a 270 or 500 L receiver. Tankmounted versions are available with or without refrigerated dryer.

Model	kW	hp	dB(A)	V*
Monsun 8	7.5	10	65	400/3/50
Monsun 11	11	15	69	400/3/50
Monsun 15	15	20	71	400/3/50

* Also available for 230/3/50



Model	bar	L/min.*	Basemounted	Tankmounted 270 L		Tankmounted 500 L	
			excl. dryer	excl. dryer	incl. dryer	excl. dryer	incl. dryer
Monsun 8	8	1140	4152020225	4152020243	4152020273	4152020249	4152020279
	10	996	4152020226	4152020244	4152020274	4152020250	4152020280
	13	780	4152020227	-	-	4152020251	4152020281
Monsun 11	8	1620	4152020228	4152020245	4152020275	4152020252	4152020282
	10	1416	4152020229	4152020246	4152020276	4152020253	4152020283
	13	1152	4152020230	-	-	4152020254	4152020284
Monsun 15	8	1860	4152020231	4152020247	4152020277	4152020255	4152020285
	10	1680	4152020232	4152020248	4152020278	4152020256	4152020286
	13	1332	4152020233	-	-	4152020257	4152020287

* At 7 bar and 9.5 bar
"- " = not available

DIMENSIONS

BASEMOUNTED



TANKMOUNTED



TANKMOUNTED INCL. DRYER



MONSUN 2 - 7

Model	Basemounted		Tankmounted 200 L		Tankmounted 270 L	
	LxWxH (mm)	kg	LxWxH (mm)	kg*	LxWxH (mm)	kg*
Monsun 2	620 x 630 x 950	110	1430 x 600 x 1260	165 (190)	1540 x 600 x 1350	180 (205)
Monsun 3	620 x 630 x 950	115	1430 x 600 x 1260	170 (195)	1540 x 600 x 1350	185 (210)
Monsun 4	620 x 630 x 950	120	1430 x 600 x 1260	175 (200)	1540 x 600 x 1350	190 (215)
Monsun 5	620 x 630 x 950	130	1430 x 600 x 1260	185 (210)	1540 x 600 x 1350	200 (225)
Monsun 7	620 x 665 x 950	140	1430 x 665 x 1260	195 (215)	1540 x 665 x 1350	210 (240)

* (incl. dryer)

MONSUN 8 - 15

Model	Basemounted		Tankmounted 270 L		Tankmounted 500 L	
	LxWxH (mm)	kg	LxWxH (mm)	kg*	LxWxH (mm)	kg*
Monsun 8	850 x 720 x 980	170	1543 x 720 x 1337	217 (250)	1945 x 720 x 1468	267 (300)
Monsun 11	850 x 720 x 980	185	1543 x 720 x 1337	232 (265)	1945 x 720 x 1468	282 (315)
Monsun 15	850 x 720 x 980	200	1543 x 720 x 1337	247 (280)	1945 x 720 x 1468	297 (330)

* (incl. dryer)

SEE OPTIONS ON PAGE 8 >

OPTIONS



OIL HEATER

Maintains a constant oil temperature to prevent condensation at intermittent use.



TIMER DRAIN

A timer drain removes water from the tank, thus minimizing air losses.



AIR FILTER

By adding a line filter you can achieve even higher air quality.

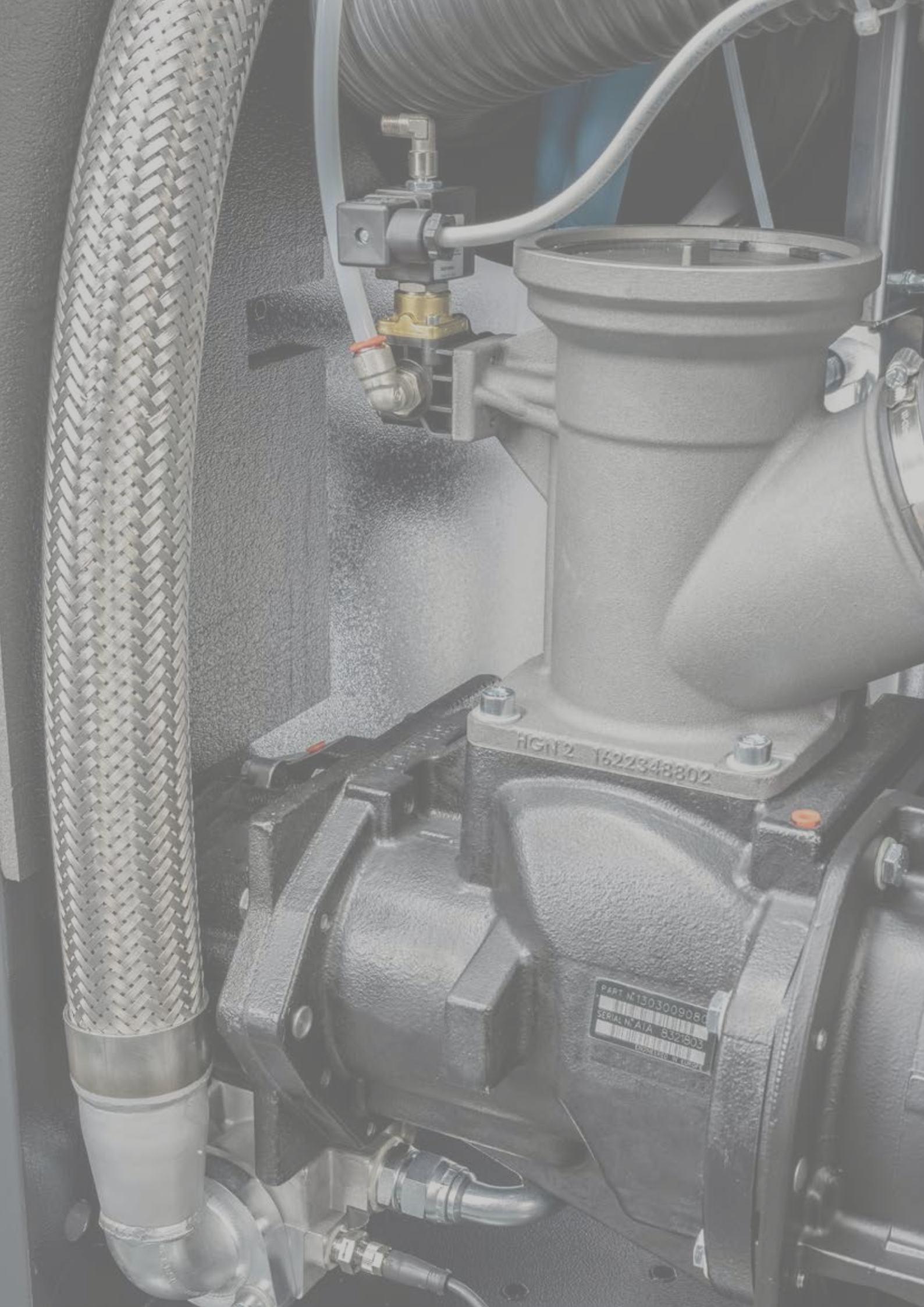
+ FOOD GRADE OIL + PRESSURE CONVERSION KIT + TROPICAL THERMOSTAT

MONSUN 2 - 7

Option	Art. no.
Foodgrade oil	00000 50608
Line filter (G)	00000 50617
Tropical thermostat	00000 50630
Wooden crate (export packaging)	00000 50653
Wooden box (export packaging)	00000 50654
Wooden box (export packaging) - 500 L tank	00000 50647
Test certificate	00000 50670
Upgrade to 500 L tank	00000 50671
Oil heater	00000 50694
Timer drain	00000 50699
Pressure conversion kit	Contact customer support

MONSUN 8 - 15

Option	Art. no.
Foodgrade oil	00000 50323
Wooden crate (export packaging)	00000 50345
8000 hours oil	00000 50302
Timer drain	00000 50307



FF MONSUN PRO

POWERFUL, RELIABLE COMPRESSORS FOR LARGER INDUSTRIAL TASKS. AVAILABLE IN FIXED-SPEED AND VARIABLE-SPEED VERSIONS, AND CAN BE DESIGNED TO FIT YOUR SPECIFIC NEEDS.



FF MONSUN PRO 5-45

- FF Monsun Pro is our range of high-quality screw compressors for industrial use. Spanning 5.5 - 45 kW it's among the widest product ranges in the business.

ADVANTAGES OF MONSUN PRO RANGE

- ✓ Innovative controller with full control over the system
- ✓ Low noise level - as low as 62 dB(A)
- ✓ Space-efficient design
- ✓ Option for integrated pre-filter
- ✓ Powerful cooling protects the components

Monsun Pro is built from components of the highest quality possible. This ensures you an optimized operation and increased longevity.



VARIABLE OR FIXED SPEED?

The Monsun Pro range is available in both fixed and variable speed versions.

Fixed-speed compressors run continuously in on/off cycles, and optimum operation is achieved at maximum load. Variable-speed compressors adjust the speed to the actual air demand at any given time.

Variable-speed compressors are generally a larger investment, however the total cost of ownership is often lower, as the energy consumption is reduced by up to 30%.

DESIGN YOUR OWN SOLUTION

You can design the solution that fits your specific needs. For users with many start/stops we recommend an air receiver, which stores the compressed air until needed. To protect your equipment you can also choose to add a refrigerated dryer and pre-filter. Everything is integrated into one installation, as a very space efficient solution.



MONSUN PRO 5 - 15



Optimized maintenance

Monsun Pro is designed for easy access to all service points and parts. This ensures quick and troublefree maintenance.



FF Monsun Pro 5-15 are available as base-mounted, with or without refrigerated dryer and pre-filter, and as tankmounted on a 270 or 500 L receiver, including dryer and pre-filter.

Variable-speed models are available from 7.5 kW.

Model	kW	hp	dB(A)	V*
Monsun Pro 5	5.5	7.5	62	400/3/50
Monsun Pro 7	7.5	10	63	400/3/50
Monsun Pro 11	11	15	65	400/3/50
Monsun Pro 15	15	20	67	400/3/50

* Also available for 230/3/50



FIXED-SPEED



Model	bar	L/min.*	Basemounted		Tankmounted 270 L	Tankmounted 500 L
			excl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro 5	8	882	4152009646	4152009722	4152009670	4152009678
	10	702	4152009647	4152009723	4152009671	4152009679
	13	564	4152009648	4152009724	-	4152009680
Monsun Pro 7	8	1242	4152009649	4152009725	4152009672	4152009681
	10	1080	4152009650	4152009726	4152009673	4152009682
	13	828	4152009651	4152009727	-	4152009683
Monsun Pro 11	8	1674	4152009652	4152009728	4152009674	4152009684
	10	1506	4152009653	4152009729	4152009675	4152009685
	13	1212	4152009654	4152009730	-	4152009686
Monsun Pro 15	8	2328	4152009655	4152009731	4152009676	4152009687
	10	2106	4152009656	4152009732	4152009677	4152009688
	13	1686	4152009657	4152009733	-	4152009689

* At 7 bar and 9.5 bar
"- " = not available

VARIABLE-SPEED



Model	bar	L/min.*	Basemounted		Tankmounted 270 L	Tankmounted 500 L
			excl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro VS 7	7-13	123-1200	4152009710	4152009746	4152009714	4152009718
Monsun Pro VS 11	7-13	377-1750	4152009711	4152009747	4152009715	4152009719
Monsun Pro VS 15	7-10	621-2307	4152009712	4152009748	4152009716	4152009720
	9.5-13	485-1864	4152009713	4152009749	4152009717	4152009721

* VS 7-11 at 7.5 bar
VS 15 at 7.5 and 9.5 bar.

SEE DIMENSIONS AND OPTIONS ON PAGE 18-19 >

MONSUN PRO 18 - 30



Upgraded controller (opt.)

Option for upgrade to MK5 graphical control panel. More advanced screen in full-colour, with remote surveillance of up to 6 compressors simultaneously with ECO6i.



More options on page 19.

FF Monsun Pro 18-30 models are available as basemounted, with or without refrigerated dryer and pre-filter. Pro 18-22 is also available mounted on a 500 L air receiver, including dryer and pre-filter. All models are available as variable-speed.

Model	kW	hp	dB(A)	V*
Monsun Pro 18	18.5	25	69	400/3/50
Monsun Pro 22	22	30	70	400/3/50
Monsun Pro 30	30	40	71	400/3/50

* Also available for 230/3/50



FIXED-SPEED

Model	bar	L/min.*	Basemounted		Tankmounted 500 L
			excl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro 18	8	3114	4152023760	4152023778	4152023796
	10	2718	4152023761	4152023779	4152023797
	13	2304	4152023762	4152023780	4152023798
Monsun Pro 22	8	3648	4152023763	4152023781	4152023799
	10	3240	4152023764	4152023782	4152023800
	13	2766	4152023765	4152023783	4152023801
Monsun Pro 30	8	4326	4152023766	4152023784	-
	10	3900	4152023767	4152023785	-
	13	3426	4152023768	4152023786	-

* At 7 bar and 9.5 bar
"- " = not available

VARIABLE-SPEED

Model	bar	L/min.*	Basemounted		Tankmounted 500 L
			excl. dryer + pre-filter	incl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro VS 18	7-10	574-2934	4152023808	4152023814	4152023820
	9.5-13	490-2464	4152023809	4152023815	4152023821
Monsun Pro VS 22	7-10	624-3390	4152023810	4152023816	4152023822
	9.5-13	531-3051	4152023811	4152023817	4152023823
Monsun Pro VS 30	7-10	1456-4400	4152023812	4152023818	-
	9.5-13	1600-3792	4152023813	4152023819	-

* At 7.5 and 9.5 bar
"- " = not available

SEE DIMENSIONS AND OPTIONS ON PAGE 18-19 >

MONSUN PRO 31 - 45



Upgraded controller (opt.)

Option for upgrade to MK5 graphical control panel. More advanced screen in full-colour, with remote surveillance of up to 6 compressors simultaneously with ECO6i.



More options on page 19.

FF Monsun Pro 31-45 are available as base-mounted with or without refrigerated dryer and pre-filter. All three models are available in fixed-speed and variable-speed versions.

Model	kW	hp	dB(A)	V*
Monsun Pro 31	30	40	72	400/3/50
Monsun Pro 37	37	50	73	400/3/50
Monsun Pro 45	45	60	74	400/3/50

* Also available for 230/3/50



FIXED-SPEED

Model	bar	L/min.*	Basemounted	
			excl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro 31	7.5	5310	4152034804	4152034834
	8.5	4130	4152034805	4152034835
	10	4560	4152034806	4152034836
	13	4020	4152034807	4152034837
Monsun Pro 37	7.5	6600	4152034808	4152034838
	8.5	6090	4152034809	4152034839
	10	5700	4152034810	4152034840
	13	5160	4152034811	4152034841
Monsun Pro 45	7.5	7560	4152034812	4152034842
	8.5	7260	4152034813	4152034843
	10	6660	4152034814	4152034844
	13	5820	4152034815	4152034845

* At 7 bar and 9.5 bar
"- " = not available

VARIABLE-SPEED

Model	bar	L/min.*	Basemounted	
			excl. dryer + pre-filter	incl. dryer + pre-filter
Monsun Pro VS 31	7-10	1422-5304	4152034816	4152034846
	9.5-13	4121-3603	4152034819	4152034849
Monsun Pro VS 37	7-10	1812-6678	4152034817	4152034847
	9.5-13	2280-5066	4152034820	4152034850
Monsun Pro VS 45	7-10	1830-7452	4152034818	4152034848
	9.5-13	2256-5519	4152034821	4152034851

* At 7.5 and 9.5 bar
"- " = not available

SEE DIMENSIONS AND OPTIONS ON PAGE 18-19 >

DIMENSIONS

BASEMOUNTED



TANKMOUNTED 270 L



TANKMOUNTED 500 L



MONSUN PRO 5 - 15

Model	Basemounted		Tankmounted 270 L incl. dryer and pre-filter		Tankmounted 500 L incl. dryer and pre-filter	
	LxWxH (mm)	kg*	LxWxH (mm)	kg	LxWxH (mm)	kg
Monsun Pro 5	1095x665x1070	241 (268)	1533x665x1558	338	1935x665x1689	426
Monsun Pro 7	1095x665x1070	246 (276)	1533x665x1558	346	1935x665x1689	431
Monsun Pro 11	1095x665x1070	266 (296)	1533x665x1558	366	1935x665x1689	451
Monsun Pro 15	1095x665x1070	268 (297)	1533x665x1558	346	1935x665x1689	455
Monsun Pro VS 7	1095x665x1095	255 (285)	1533x654x1558	355	1935x665x1690	440
Monsun Pro VS 11	1095x665x1095	275 (305)	1533x654x1558	375	1935x665x1690	460
Monsun Pro VS 15	1095x665x1095	280 (307)	1533x654x1558	377	1935x665x1690	462

* (incl. dryer)

MONSUN PRO 18 - 45

Model	Basemounted		Basemounted incl. dryer and pre-filter		Tankmounted 500 L incl. dryer and pre-filter	
	LxWxH (mm)	kg	LxWxH (mm)	kg	LxWxH (mm)	kg
Monsun Pro 18	1210x850x1220	361	1660x850x1220	434	1950x850x1850	624
Monsun Pro 22	1210x850x1220	377	1660x850x1220	450	1950x850x1850	640
Monsun Pro 30	1210x850x1220	405	1660x850x1220	478	-	
Monsun Pro 31	1320x830x1555	589	1810x830x1555	707		
Monsun Pro 37	1320x830x1555	610	1810x830x1555	728		
Monsun Pro 45	1320x830x1555	629	1810x830x1555	747		
Monsun Pro VS 18	1210x850x1220	370	1660x850x1220	445	1950x850x1850	635
Monsun Pro VS 22	1210x850x1220	400	1660x850x1220	490	1950x850x1850	680
Monsun Pro VS 30	1210x850x1220	447	1660x850x1220	520	-	
Monsun Pro VS 31	1320x830x1555	605	1810x830x1555	723		
Monsun Pro VS 37	1320x830x1555	626	1810x830x1555	744		
Monsun Pro VS 45	1320x830x1555	656	1810x830x1555	774		

OPTIONS

MONSUN PRO 5 - 15

Option	Art. no.
8000 hour oil	00000 51333
Wooden crate (export packaging)	00000 51348
Foodgrade oil	00000 51349
MK5 Graphic touch control panel	00000 51378
MK5 control panel incl. ECO6I	00000 51383

MONSUN PRO 18 - 30

Option	Art. no.
8000 hour oil	00000 50823
Wooden crate (export packaging)	00000 50844
Foodgrade oil	00000 50847
MK5 Graphic touch control panel	00000 51378
MK5 control panel incl. ECO6I	00000 51383
Silencing baffle (50% reduction)	00000 51327

MONSUN PRO 31 - 45

Option	Art. no.
8000 hour oil	00000 50933
Wooden crate (export packaging)	00000 50950
Foodgrade oil	00000 50951
MK5 Graphic touch control panel	00000 50981
MK5 control panel incl. ECO6I	00000 50990
Water separator drain (WSD)	00000 50912
Canopy heater	00000 50924
Coalescence line filter	00000 50949

MONSUN PRO VS 7 - 15

Option	Art. no.
8000 hour oil	00000 51333
Wooden crate (export packaging)	00000 51348
Foodgrade oil	00000 51349
MK5 control panel incl. ECO6I	00000 51383

MONSUN PRO VS 18 - 30

Option	Art. no.
8000 hour oil	00000 50847
Wooden crate (export packaging)	00000 50844
Foodgrade oil	00000 50823
MK5 control panel incl. ECO6I	00000 51383
Silencing baffle (50% reduction)	00000 51327

MONSUN PRO VS 31 - 45

Option	Art. no.
8000 hour oil	00000 50933
Wooden crate (export packaging)	00000 50950
Foodgrade oil	00000 50951
MK5 Graphic touch control panel	00000 50981
MK5 control panel incl. ECO6I	00000 50990
Water separator drain (WSD)	00000 50912
Canopy heater	00000 50924
Coalescence line filter	00000 50949



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