



Compact, robust, durable and versatile. The most extensively equipped portable compressor series at a fantastic price. Transportable and compact high-pressure compressor system for professional use in work and hobby. For use on yachts, dive boats, small diving schools, on liveaboard and fire fighting vehicles or paintballers, the Bavaria Pro 270/330 is the right choice. Compact dimensions and low weight combined with modern technology, comfortable retractable handles and transport wheels guarantee perfect handling and functional safety in all areas of use on land and at sea.

BAVARIA BASIC CONTROL a modern control that meets all the requirements of a modern filling station.

Display of all relevant operating states. Start-stop button, emergency stop mushroom button. Control lights for operation, automatic condenswater separating, automatic final pressure shutdown, operating hours counter.

Currently most modern mid-range 3-stage high-pressure compressor block with free-flying pistons in the 2nd and 3rd stage, full aluminum cylinder with NICASIL liners (known from racing), forged crankshaft and forged connecting rods, double lubrication by pins and and low pressure oil pump, extra large dimensioned Intermediate and aftercooler.

Standard equipment feature: Integrated dryer cartridge control **AIRSAVE PRO E** Dryer cartridge saturation monitoring by means of a sensor in the cartridge.



Your competent contact person

IDE-Compressors Manufaktur GmbH

office@ide.de

www.ide.de

MADE IN BAVARIA

Issue date. 31.05.2019 (AS)



Subject to technical changes
Illustrations may show optional accessories.

PRO

Technical data PRO 270 / 330

Compressor model	PRO 270	PRO 330
Working pressure	200 or 300 bar	
Charging rate	270 l/Min. (16,2 m³/h, 9,45 c.f.m)	330 l/Min. (19,8 m³/h, 11,65 c.f.m)
Safety valve pressure	225 bar - 3200 Psi / 330 bar - 4785 Psi	
Number of stages	3	
Oil capacity	2,5 Liter	
Speed compressor	1.280 U/Min. - r.p.m.	1.450 U/Min. - r.p.m.
Oil type, lubrication	IDE Ultimate Synth. SM 109, low pressure oil pump + oil whizzer pin splash	IDE Ultimate Synth. SM 109, low pressure oil pump + oil whizzer pin splash
Environment temperature	from +5°C to +45°C	
Max. inclination	15°	
Max. operating height	2000 Meter NN	
No of seperators	2	
Dryer system	FT 310 A for 1000m³ @ 20°C	
Interstage coolers material	Stainless steel	
Breathing air norm	UNI EN 12021:2014 – ANSI / CGA E – Z180	
Filling time 10 L / 0-200 bar	7min. 25sec.	
Electric motor phases	3 Phase	3 Phase
Operating voltage	400V	400V
Engine power kW	5,5 kW	7,5 kW
Noise level dB	77 dB	79 dB
Protection class	IP 54	
Weight, Dimensions	129 kg, LWH 107 x 51 x 65 cm	139 kg, LWH 107 x 51 x 65 cm

optional equipment 270 / 330:

	PRO 270	PRO 330
Electric version, three phase	400 V / 5,5 kW	400 V / 7,5 kW
Optional 200 or 300 bar version	●	●
2. pressure range (200 and 300 bar simultan filling)	○	○
Filling connections: fillinghose 1,2 mtr. with handgrip and filling valve, max. 4 pc. possible	● 2 ○	● 2 ○
Dryer system FT 310 A for 1000m³ (@20°)	●	●
AIRSAVE PRO E Cartridge saturation control	●	●
Condensewater drain automatic	●	●
Automatic final pressure shut down	●	●
Hour meter	●	●
Trolley Set + folding handles	●	●
Basic Control: Control lights for operation, condenswater automatic, auto stop when the final pressure is reached, operating hours counter, start / stop button, emergency / off mushroom button	●	●

● = standard ○ = optionally

