

Maximum Performance
Maximum Efficiency



MAKSIMUM MAKİNA CATALOG



www.maxdryer.com

You can have a cost-effective and powerful experience with Maksimum Makina, and reduce your production costs with quality products.



ABOUT US



About Maksimum Makina

Maksimum Makina is a leader in the compressed air dryer and gas generator industry with over 15 years of experience. With its dynamic team and extensive product range, it is committed to providing its customers with the best possible service.

Our company prioritizes customer satisfaction and has become a global brand by exporting to nearly 35 countries in addition to our domestic market. By constantly adhering to developing technology, we aim to consistently offer higher quality products and the best prices to our customers.



Maksimum Makina

Değerlerimiz

- Working with an innovative and solution-oriented approach to best meet our customers' needs.
- To operate with an environmentally friendly and sustainable production approach.
- To contribute to the well-being of our employees and society.

Our Mission

Our mission is to be a leading company in the global market by providing our customers with the highest quality compressed air and gas solutions with our dynamic team and advanced technology.



Our Vision

Our vision is to expand our product range by keeping up with ever-evolving technology, maintain the highest level of customer satisfaction, and make Maksimum Makina a globally recognized brand.

WHY MAKSİMUM MAKİNA?

15 Years of Experience: We offer you the most accurate and reliable solutions with over 15 years of experience in the compressed air industry.

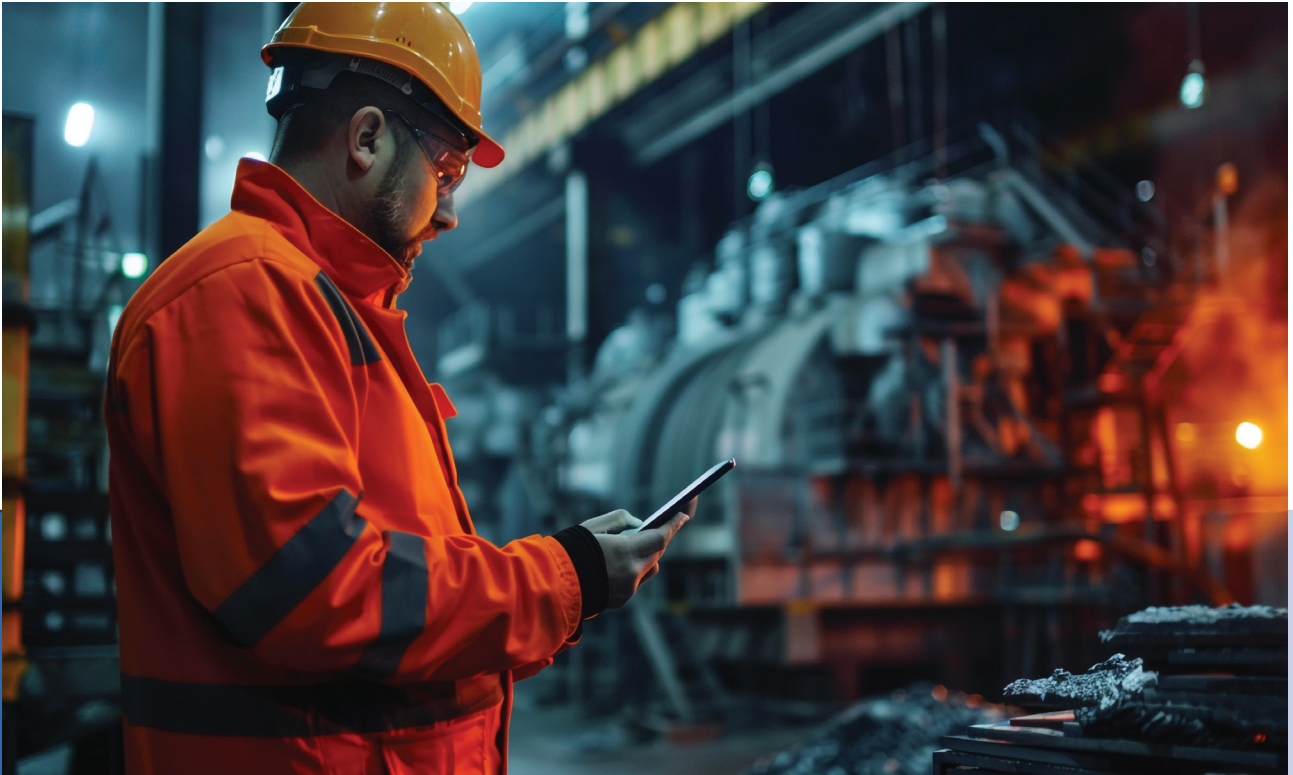
Customer Satisfaction: Customer satisfaction is our top priority. We always strive to provide the best service.

Global Market: In addition to the domestic market, we export to nearly 35 countries. This allows us to offer you the best service in the global market.

Evolving Technology: By following constantly evolving technology, we expand our product range and offer our customers the latest solutions.

Wide Product Range: In compressed air and gas solutions; we have a wide range of products from compressed air dryers, nitrogen generators, oxygen generators, desiccant air dryers, chiller, active carbon towers to filter systems.

Competitive Prices: We strive to offer our customers the highest quality at the most affordable prices.



***Maximum Quality, Maximum Efficiency:
Maximize your production capacity
and the quality of your products with
Maksimum Makina products.***



MAKSİMUM MAKİNA

We are always ready to provide you with the best service in sales, service and technical support with our experienced and expert team.



Maksimum Makina

Quality Products and Innovative Technology

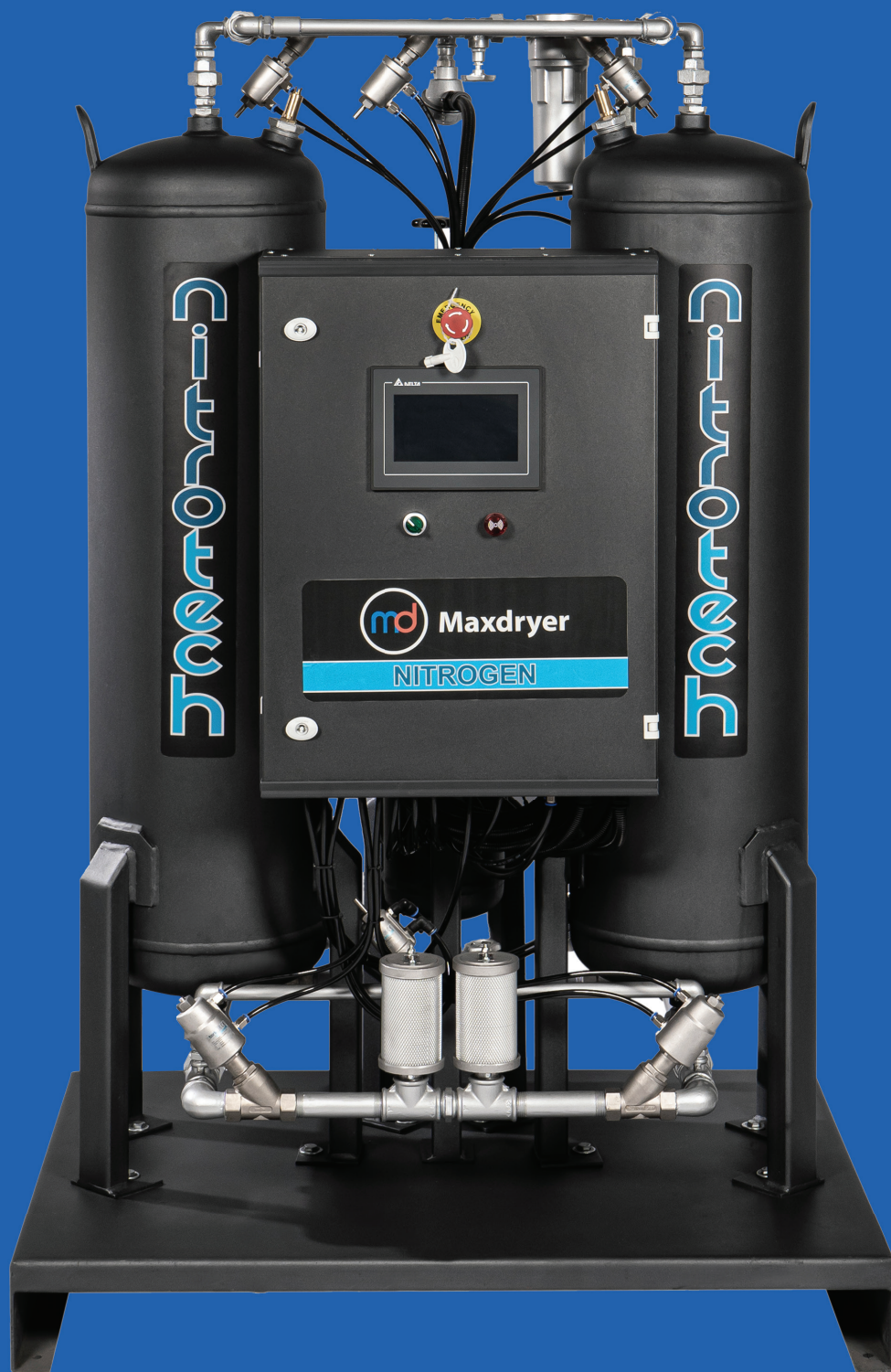


By closely following technological advancements, we continuously improve our products and services. Our goal is to provide our customers with the best quality and the latest technology.

NITROGEN GENERATORS

Produce Sustainable Nitrogen Gas Yourself!

*Nitrogen purity from
95% to 99.999% (5.0) and
99.9999% (6.0)*



PRODUCE YOUR OWN NITROGEN SAVE THE COST!



Nitrogen Gas Production

Up to 70% Energy Savings

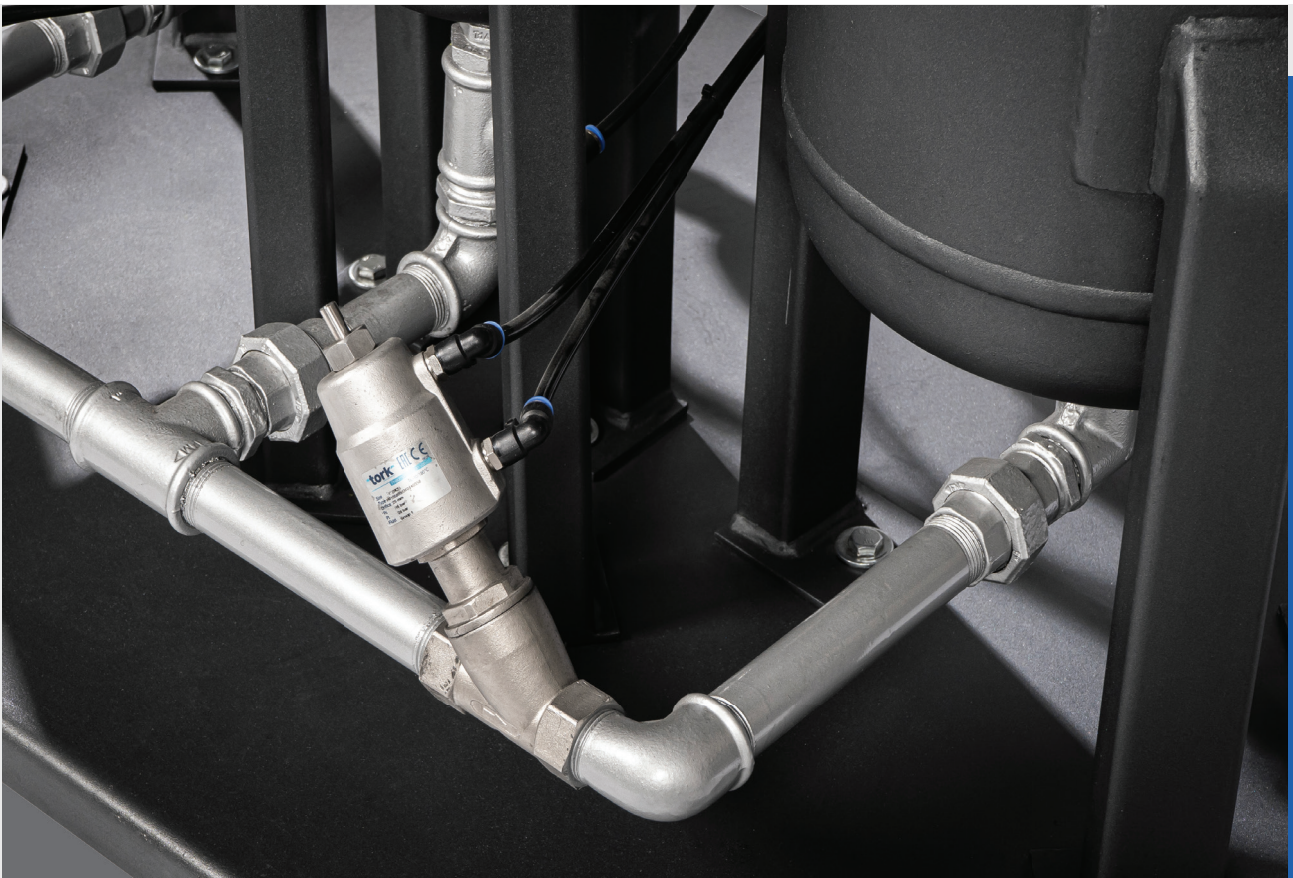
Maksimum Makina PSA nitrogen generators are designed to produce high purity and minimum cost nitrogen gas for industrial and MAP FOOD GAS applications using air from your air compressor.



Maksimum Makina Nitrogen Generators

Nitrogen gas is used to provide a clean, dry, and inert atmosphere in environments and manufacturing processes where oxygen is undesirable. Nitrogen gas is needed in many different areas, from extending the shelf life of food and beverages to serving as a catalyst in chemical reactions.

Maksimum Makina PSA nitrogen generators can produce nitrogen gas with a purity between **95% and 99.9999%** by separating the oxygen molecules in the compressed air produced by your air compressor. **Thanks to PSA (Pressure Swing Adsorption) technology,** they generate nitrogen on-site, providing an energy-efficient and **environmentally friendly system.**

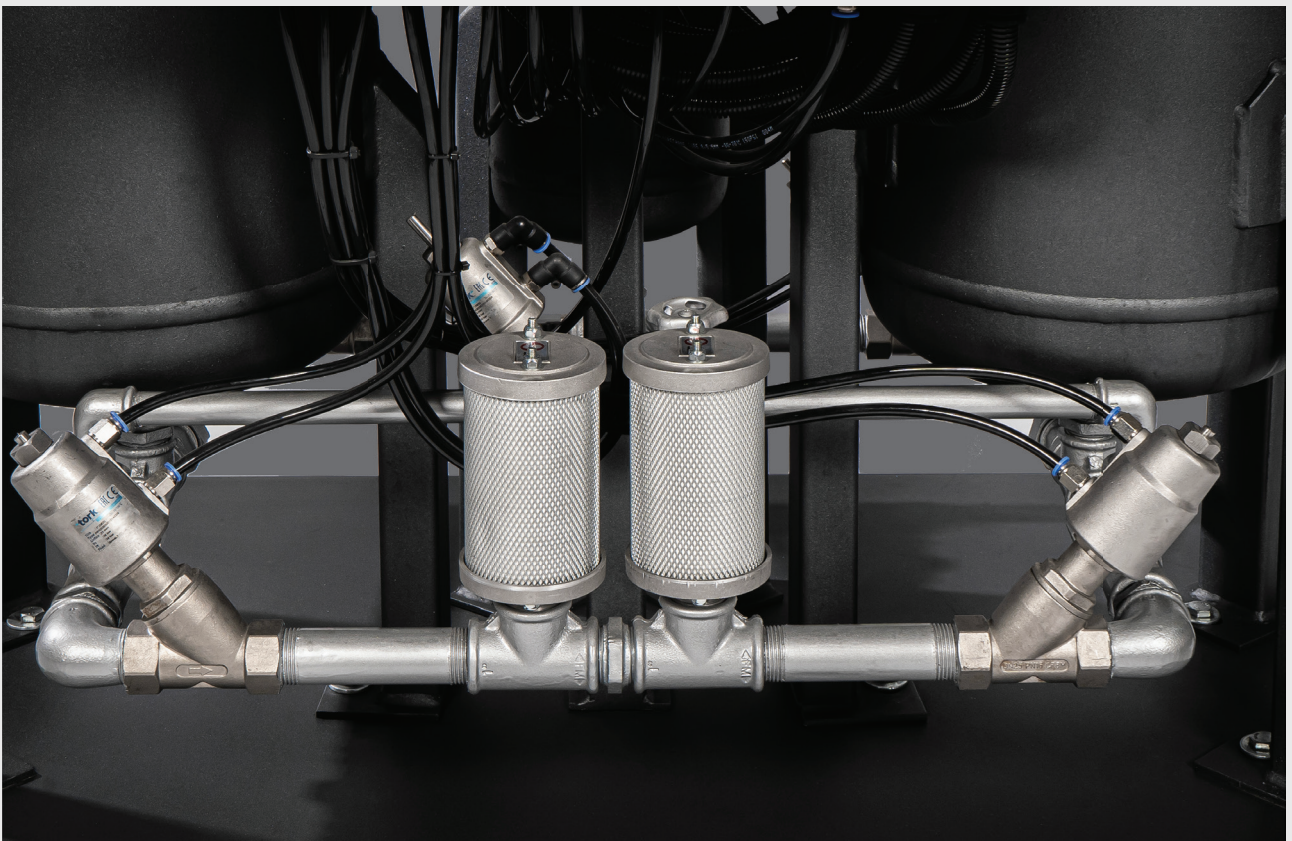


LOWER YOUR NITROGEN GAS PRODUCTION COSTS!



Advantages of PSA Nitrogen Generators

- **Energy Savings:** PSA technology is an energy-efficient solution that significantly reduces nitrogen production costs.
- **High Efficiency:** Our PSA generators produce nitrogen gas by using the air from your air compressor in the most efficient way.
- **Reliability:** Our PSA generators are designed for robust and reliable operation and use original spare parts with a long service life.
- **Easy to Use:** Our PSA generators feature a user-friendly interface and automatic control system. They are easy to install and use.
- **Low Maintenance Costs:** Our PSA generators feature a simple design that requires minimal maintenance.
- **Environmentally Friendly:** PSA generators do not produce harmful emissions and are an environmentally friendly solution.



Benefits of Our Nitrogen Generators

High Purity Nitrogen Production:

It allows you to produce high purity nitrogen by separating the oxygen molecules in the compressed air obtained from the compressor.

Cost Savings:

PSA technology reduces operating costs by providing energy efficiency. This provides significant long-term savings.

Continuous and Reliable Supply:

Generators designed to industrial standards allow you to continuously and reliably produce nitrogen gas yourself in your production area. This is a significant advantage in production continuity and quality control.

Easy Operation and Maintenance:

Thanks to automatic control systems and low maintenance requirements, generators are easy to use and operate, increasing operational and production efficiency.

Environmentally Friendly:

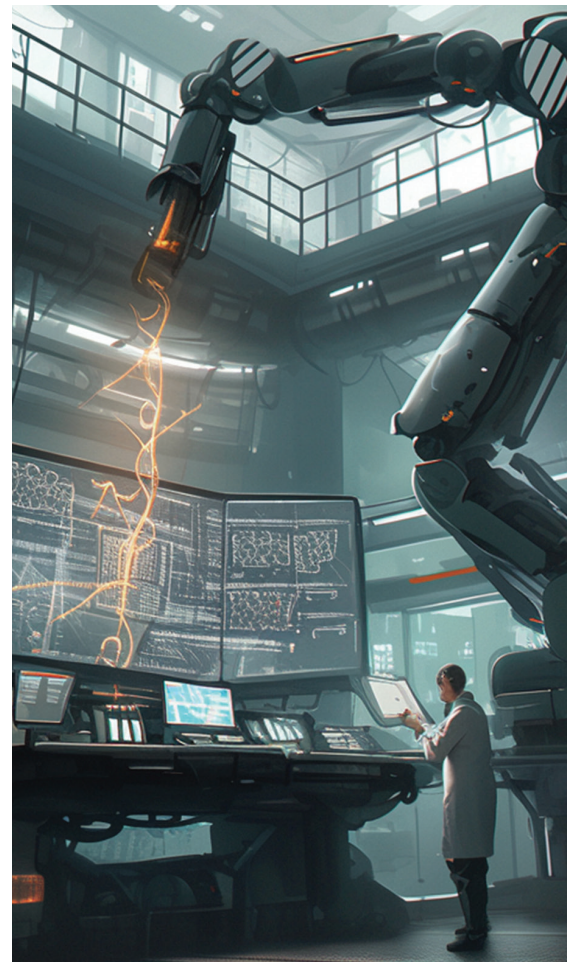
Nitrogen generators minimize environmental impact by reducing oxygen use in industrial processes, contributing to sustainability efforts.





Friendly Production For Environmentally
Reduce Your Carbon Footprint!

Online Access to PSA Nitrogen Generators



You can receive periodic reports and monitor the performance of your system with the automatic reporting system.

You can monitor the status and performance of your Nitrogen Generator from anywhere and from any device.

You can monitor important parameters such as pressure, temperature, purity and energy consumption in real time.

You can detect potential problems in advance and take the necessary precautions with **online access**.

Thanks to remote access, you can minimize production interruptions and failure costs.

Energy Saving

Discover Nitrogen Generators!

Nitromax Nitrogen Generators Technical Information

LOW PURITY-LP								HIGH PURITY-HP		
Nitrogen Purity Rate		%95	%97	%98	%99	%99,50	%99,90	%99,95	%99,99	%99,999
Oksijen Oranı		%5	%3	%2	%1	%0.5	%0.1	500 PPM	100 PPM	10 PPM
Nitromax 3	Nm³/h	4,76	3,78	3,19	2,62	2,14	1,40	1,20	0,81	0,34
Nitromax 5	Nm³/h	8,50	6,75	5,70	4,68	3,83	2,50	2,15	1,45	0,61
Nitromax 10	Nm³/h	14,65	11,64	9,83	8,06	6,59	4,31	3,71	2,50	1,06
Nitromax 15	Nm³/h	23,46	18,63	15,73	12,90	10,56	6,90	5,93	4,00	1,63
Nitromax 20	Nm³/h	41,04	32,59	27,52	22,57	18,47	12,07	10,38	7,00	2,96
Nitromax 25	Nm³/h	58,62	46,55	39,31	32,24	26,38	17,24	14,83	10,00	4,22
Nitromax 30	Nm³/h	81,60	65,17	56,81	44,16	36,51	23,25	20,50	14,38	7,14
Nitromax 40	Nm³/h	107,11	85,53	74,44	57,91	47,91	30,49	26,92	18,81	8,55
Nitromax 50	Nm³/h	140,69	111,73	94,35	77,38	63,31	41,38	35,59	24,00	10,14
Nitromax 60	Nm³/h	179,91	143,75	125,17	96,52	79,79	50,78	44,84	31,28	15,64
Nitromax 80	Nm³/h	216,89	172,23	145,44	119,29	97,69	63,79	54,86	37,00	15,63
Nitromax 100	Nm³/h	275,54	218,81	184,77	151,54	123,99	81,04	69,69	47,00	19,85
Nitromax 150	Nm³/h	333,94	266,73	232,25	180,74	149,53	95,06	84,04	58,65	29,27
Nitromax 200	Nm³/h	404,46	321,19	271,23	222,46	182,01	118,96	102,31	69,00	29,15
Nitromax 250	Nm³/h	472,34	375,09	316,75	259,78	212,55	138,92	119,47	80,58	34,03
Nitromax 300	Nm³/h	538,13	427,33	360,79	279,97	256,40	256,40	158,27	91,80	38,78
Nitromax 400	Nm³/h	609,87	484,3	408,97	335,43	274,45	179,37	154,26	104,04	43,95
Nitromax 500	Nm³/h	691,73	549,32	463,87	380,45	311,28	203,45	174,97	118,00	49,85
Nitromax 600	Nm³/h	803,08	637,74	538,54	441,64	361,39	239,20	203,13	137,00	57,87
Nitromax 700	Nm³/h	937,96	744,85	628,98	515,88	422,08	275,87	237,25	160,00	67,59
Nitromax 800	Nm³/h	1.052,02	840,58	731,74	565,41	471,23	299,47	264,79	184,82	92,31
Nitromax 900	Nm³/h	1.266,53	1.011,84	880,87	685,54	567,12	360,46	318,75	224,46	111,18
Nitromax 1000	Nm³/h	1.563,25	1.248,99	1.087,32	846,19	700,02	444,92	393,51	290,73	137,19
Nitromax 1250	Nm³/h	1.859,76	1.485,83	1.293,56	1.006,63	832,72	529,38	468,07	326,70	163,20
Nitromax 1500	Nm³/h	2.088,96	1.668,82	1.452,78	1.197,07	935,34	594,55	525,81	366,89	183,29
Nitromax 2000	Nm³/h	2.576,23	2.058,24	1.792,20	1.394,41	1.153,60	753,36	648,48	452,58	225,98

Inlet Air Temperature °C	5	10	15	20	25	30	35	40	45	50
	41	50	59	68	77	86	95	104	113	112
Performance %	0,85	1,03	1,02	1	0,93	0,85	0,8	0,72	0,6	0,52

Compressed air Inlet pressure	bar(g)	6	7	8	9	10	11
	psi(g)	87	101	116	130	145	159
Performance %		0,78	0,85	1	1,1	1,16	1,26

THE FUTURE'S INDUSTRIAL SOLUTIONS ARE HERE!






Maxdryer




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