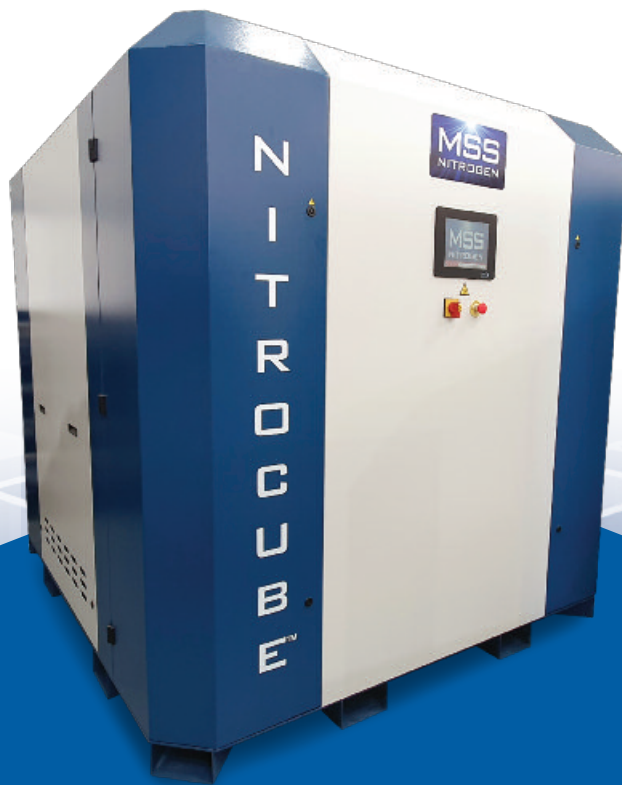




NitroCUBE™

PLUG & PLAY Nitrogen Generation Systems

PLUG & PLAY



Nitrogen Generation Systems

THE PROFITABILITY GENERATOR





NitroCube offers a **REAL LOW CARBON ALTERNATIVE** to traditional nitrogen supplies

The true cost of traditional gas supply*

800 tonnes of metal to be
distributed by road

2500 delivery truck miles
travelled

100 hrs of order
administration

100 hrs receiving, checking &
moving cylinders

3.5 tonnes of CO² emitted
delivering gas

4500 compressed gas
cylinders

10% returned unused

NitroCube is the **LOW CARBON
ENVIRONMENTALLY FRIENDLY**
alternative

*Based on approximately 10m³/hour for
4000 hours/year using cylinders or
manifolded cylinder packs



NitroCube **PLUG & PLAY** NITROGEN GENERATORS

Designed for a very quick and easy installation

Can be installed indoors or outdoors, even on a mezzanine floor

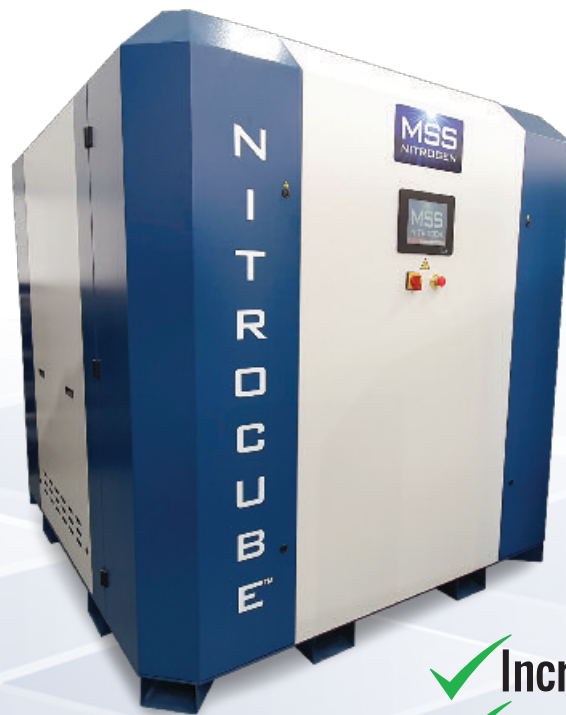
Compact footprint, with no special foundations required

Requires only compressed air and a power supply

Installed and working the same day



NitroCube is the
MOST SIMPLE and
ECONOMICAL SOLUTION for
on-site nitrogen generation for
laser cutting applications

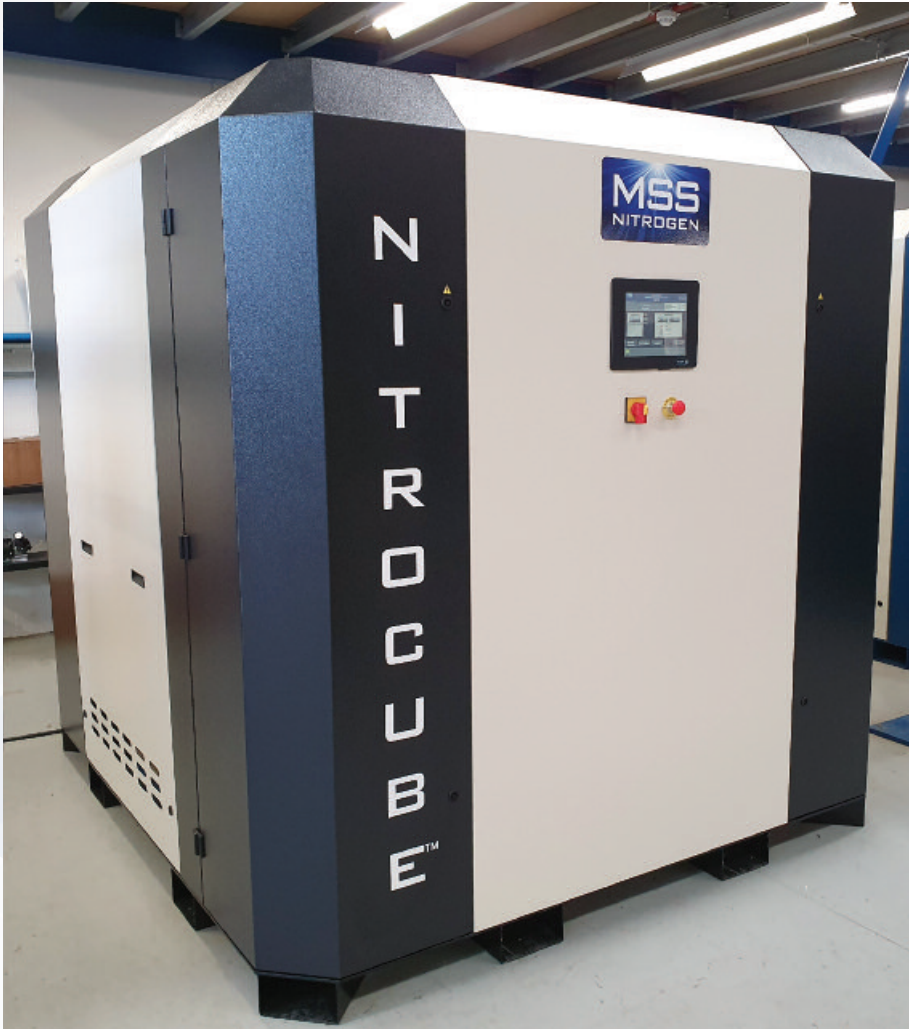


- ✓ Increased productivity
- ✓ Improved product quality
- ✓ Reduced costs
- ✓ Maximum profitability

NitroCube THE BENEFITS

- No machine downtime for cylinder changes or liquid top up
- Laser cut carbon steel faster, cheaper and with an "oxide free edge"
- Self financing, using money otherwise spent on ready made nitrogen
- Quick & easy installation with "plug & play" design
- Guaranteed low cost, high purity nitrogen
- Continuous 24/7 supply
- No running out of gas unexpectedly
- No gas waste, liquid "boil off" or gas bottles returned partially full
- No rental, delivery or environmental charges
- No restrictive gas contracts

NitroCube RANGE



NitroCube1 integrated storage

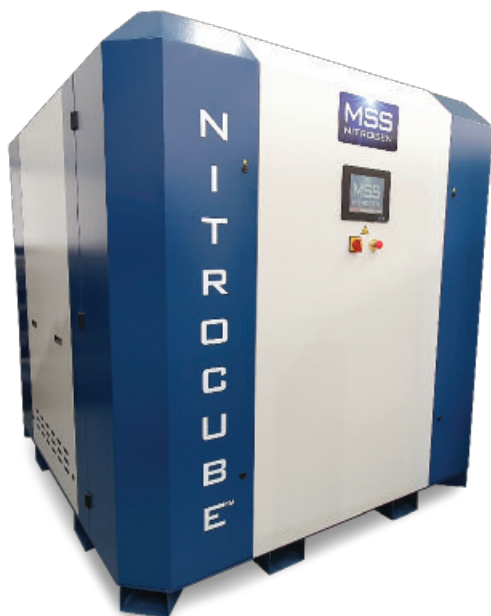


NitroCube special colours

NITROCUBE RANGE		NitroCube1		NitroCube2		NitroCube3		NitroCube4		NitroCube5	
Nitrogen production	m³/day	312		480		720		960		1200	
*Nitrogen purity	%	99.9975	99.98	99.9975	99.98	99.9975	99.98	99.9975	99.98	99.9975	99.98
Compressed air supply	m³/h	76	64	122	94	185	143	252	199	304	274
Nitrogen pressure	bar	300		300		300		300		300	
**Nitrogen storage	m³	144		288		288		288		288	
Dimensions (excluding storage)	cm	220L x 240W x 220H									

* Higher purity 99.999% also available

** Storage can easily be increased



NitroCube HIGH FLOW RANGE

Nitrogen generation specifically for fiber lasers

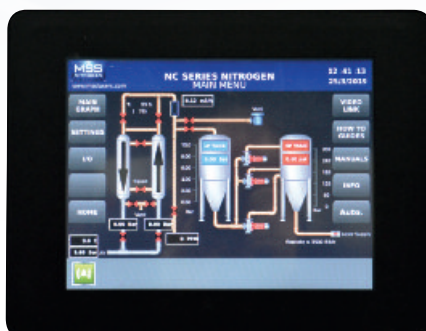
- High flow rate to suit larger nozzles
- High purity for improved edge quality

NITROCUBE RANGE		NitroCube6		NitroCube7		NitroCube8		NitroCube9		NitroCube10	
Nitrogen production	m³/day	1680		2400		2880		3600		4800	
*Nitrogen purity	%	99.9975	99.98	99.9975	99.98	99.9975	99.98	99.9975	99.98	99.9975	99.98
Compressed air supply	m³/h	437	342	608	548	756	597	912	822	1216	1096
Nitrogen pressure	bar	300		300		300		300		300	
**Nitrogen storage	m³	576		576		864		864		1152	
Dimensions (excluding storage)	cm	480L x 240W x 220H				740L x 240W x 220H				480L x 540W x 220H	

* Higher purity 99.999% also available

** Storage can easily be increased

NitroCube TOUCH SCREEN CONTROL



- Remote telemetry option
- Remote start/stop control
- Performance monitoring
- Service monitoring
- N2 production & usage trend logging
- Alarm data logging
- Remote troubleshooting & fault diagnosis

About **MSS**

Established in 2003 and with a team of experienced and highly qualified engineers with an unrivalled knowledge of both the laser and gas generation industry, MSS are market leaders in the supply of on-site high pressure nitrogen generation systems.

We **BUILD** and **TEST EVERY SYSTEM**
in our factory prior to delivery

Today MSS nitrogen generation systems are well proven, with over 1200 lasers to date running in the UK with MSS equipment. Utilising our knowledge of laser cutting, our systems are tailored to the exact needs of individual clients, providing pure, high pressure gas, on demand.



Special Nitroskid design



Showroom and production facility



We are situated just 2 minutes from J1 of the M6 motorway. Central Park is well signposted off the A426.



NitroCUBE™

PLUG & PLAY Nitrogen Generation Systems



FM 723849

**NITROCUBE IS DESIGNED AND
MANUFACTURED IN THE UK BY:**



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