

## Getting ahead through innovation.

With its innovative concepts, AGA is playing a pioneering role in the global market. As a technology leader, our task is to constantly raise the bar. Traditionally driven by entrepreneurship, we are working steadily on new high-quality products and innovative processes.

AGA offers more. We create added value, clearly discernible competitive advantages and greater profitability. Each concept is tailored specifically to meet our customers' requirements – offering standardized as well as customised solutions. This applies to all industries and all companies regardless of their size.

### AGA – ideas become solutions.

## Which gas cylinder is right for you.

GENIE® is aimed at small volume gas users seeking a more portable, mobile and user-friendly gas package. GENIE® will transform the way gases are used by providing a product tailored to your needs.

#### Customer Group/Gas type

	Argon	Nitrogen	Shielding gas
Agriculture	•		•
Arts and Crafts	•		•
Automotive maintenance and service	•	•	•
Education and laboratory	•	•	
Event decoration		•	
Heating, ventilation & air-conditioning	•		•
Home and garden		•	
Home welding	•		•
Hospitality		•	
Party			
Plumbing			
Railway maintenance			
Refrigeration		•	•
Site contractors and maintenance	•		•
Specialist welding	•		•
Welding workshops	•		•

\* typical but not limited to the above



#### Information and Support.

To explore the full range of GENIE® gas cylinders, regulators and accessories, please visit [www.aga.com](http://www.aga.com). For order and other queries please contact your local AGA office.

## Technical data.

	10 L GENIE®	20 L GENIE®
Argon	•	•
Nitrogen	•	•
Shielding Gas	•	•

	Cylindersize (litre)	Vessel working pressure (bar)	Water capacity (litre)	Diameter (mm)	Height (mm)	Empty weight (kg)
GENIE® medium	10	300	10	320	569	16.2
GENIE® large	20	300	20	320	662	20.7

Cylindersize (litre)	Argon (m³)	Nitrogen (m³)	Shielding Gas (m³)
10	3,1	2,9	3,4*
20	6,2	5,4	6,8*

\* Value will differ by shielding gas composition, value shown is based on an argon + 18% CO<sub>2</sub> mixture

For best performance always use genuine GENIE® regulators.

Max inlet pressure (bar)	Number of gauges	Argon	Nitrogen	Shielding Gas
300	1 gauge	•	•	•

# GENIE®

The future of gas packages.



# Smart • Convenient • Portable.

## Making life easy.

The GENIE® cylinder is the revolutionary new product brought to you by industry innovators, The Linde Group. With its stylish, portable design and range of intelligent content indicators, GENIE® gas cylinders are transforming the way the world uses gas.

- Incredibly portable
- Protected high performance regulators
- Intelligent contents management
- Enhanced user experience



# Innovative.

GENIE® is a highly innovative and ergonomically designed cylinder representing a fundamental change in cylinder technology.

The Linde Group puts great emphasis on innovating products which are kinder to our environment. Linde's newest technology, the GENIE® gas cylinder, is fully recyclable and can be refilled and used hundreds of times.

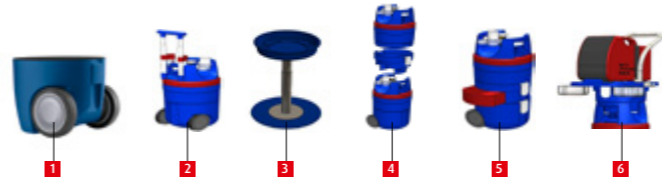
- 1 Less weight, more gas**  
A lighter cylinder containing more gas at 300bar - comprising of a steel lined carbon fibre wrapped pressure vessel, encased within a tough, all-weather, recyclable High Density Polyethylene (HDPE) jacket. More gas, less re-ordering.
- 2 In-built intelligence & low contents alarm**  
The 'genie' in the bottle provides information about contents. Simple to operate, easy to read from a distance. No need to attach a regulator or guess how much gas is in your cylinder. Alarm sounds when contents are low.
- 3 Small in size, high performance regulator**  
Provides exceptionally consistent gas flow and reliability. Fits snugly within handles of cylinder providing unprecedented protection.
- 4 Unique wide diameter construction**  
Improved safety - stable, designed to stack, exceptional handling. No more cylinder restraints needed.
- 5 Lightweight, modern materials**  
All weather cylinder. Designed to look good and stay looking good. No more rust marks from the cylinder base. Easily cleaned for improved hygiene & aesthetics.
- 6 Heavy duty handles**  
Easy-grip handles allow for comfort and exceptional handling. Provide excellent protection and easy access to both cylinder valve & high performance regulators.
- 7 Rugged detachable wheel design & extendable handle**  
Significantly improves portability and safety over large steel cylinders. Improved health and safety as strain in cylinder handling is mitigated.
- 8 Gas identification rings**  
Colour coding at neck of cylinder and matching label on regulator allow for easy identification of gas types.

# Convenient.

Technologically advanced, ground breaking design features, including in-built digital intelligence, unique regulators and accessories, significantly enhance functionality and the user experience.

## Universal accessories – one size fits all. Patented clip-on system.

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- 1 Rugged detachable wheel base designed to cope with industrial environs. Quick-clip connection for convenience.**
- 2 Detachable telescopic handle, height adjustable. Makes transportation across longer distances very easy, reducing back strain.**
- 3 Adjustable height work stand allows GENIE® cylinders to be raised to a convenient working height. Improves health and safety, reducing back strain on the user.**
- 4 GENIE® adaptor allows two cylinders to be used at once. Easy access to the regulator and valve hand wheel.**
- 5 Drawer unit helps users to maintain a tidy work environment and offers easy access to all the tools needed.**
- 6 Clip-on platform capable of securely holding small welding machines, improving portability and maintaining a tidy work environment.**

## Portable.

The cylinder's lightweight, wide-diameter construction allows for excellent portability as well as considerably enhanced safety as the cylinders cannot easily be knocked over. GENIE® cylinders can be easily picked up.

# Smart.

GENIE® is offered patented digital intelligence\*. Digital intelligence is delivered in an easy to use, single button format, providing the user with information on contents and meaningful data useful to the user such as 'time to empty'.

\* Intelligence varies, dependent on gas type and cylinders size.



Easy to use, all the GENIE® regulators are manufactured to meet the stringent ISO 2503 safety and performance standards, providing exceptionally consistent flow characteristics and pressure stability. The single-gauge type regulator has been designed for use with the digital GENIE®.

## Regulator options

Gas Type	Max Inlet Press	Genie® Regulator Description	Outlet Connection	Delivery Range	Article no.
Ar, ArMix	300 bar	Flow, 1 Gauge	G 3/8"	0 - 30 lpm	331273
Nitrogen	300 bar	High Pressure, 1 Gauge	G 3/8"	0 - 50 bar	331276
Nitrogen	300 bar	Pressure, 1 Gauge	G 3/8"	0 - 10 bar	331275

## Accessories

Wheel kit	331282
Telescope handle	331283