

# CUSTOMIZATION

COMET is a product that incorporates **In-Mould Labeling (IML)**. This technology allows insertion of printed labels in the mould where the plastic is injected. The result is an outstanding integration on the cylinder jacket. The labels themselves are powerful marketing tools, available in a wide range of colors and supporting high-definition design.



**CYLINDER MAY BE DECORATED IN 5 AREAS**

**RFID/NFC** – These state of the art microchip technologies allow precise tracking, fast identification and real-time database assessment, improving consumer experience, and optimizing labor and filling costs. Connecting suppliers and end-users has never been this easy.

**AMTROL-ALFA**  
SAFETY AND  
INNOVATION  
WELDED  
TOGETHER.

Amtrol-Alfa, a Worthington Enterprises company, forges safety and innovation together. Our position as Europe's largest manufacturer of gas cylinders comes from more than 50 years of experience and constant efforts to offer value-adding features and better performance on each product, every day. A long list of patents and intensive research are just two of the reasons that make Amtrol-Alfa a true leader in this field.

**Innovation is the only thing we can't hold inside.**

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**WORLD #1**  
**MANUFACTURER OF STEEL**  
**AND COMPOSITE LIGHT**  
**WEIGHT CYLINDERS**

COMET **INNOVATION IS LONG-LASTING.**



# COMET

This lightweight composite cylinder is popular not just for its worldwide distinguished design. Comet is well-known as a low-maintenance cylinder, easy to clean, corrosion-proof and fully impermeable. It's also significantly lighter than traditional cylinders – remaining safe, reliable and with increased shock resistance.

## INNOVATION IS LONG-LASTING.

- Corrosion free ➤
- Impermeable metallic liner ➤
- Customized relief device ➤
- Ergonomic and easy handling ➤
- Color variety in customization ➤
- Fully recyclable materials ➤
- Conical thread ➤

CREATING  
VALUE  
THROUGH  
INNOVATION



# THE TECHNOLOGY

## FOUR LEVELS OF PROTECTION

**Shock Absorbers** – A differentiating concept, our patented shock absorbers, located on the top and the bottom of the cylinder, help dissipate the energy from physical shocks.

**Steel Liner** – The coat-protected, high strength steel liner provides optimal safety.

**Composite Layer** – Between the liner and the cover rests the glass fiber with PP matrix composite structure (fully recyclable), increasing lightness, strength and resistance to impact.

**Polymeric Jacket** – With an appealing and modern design, the UV resistant jacket is stackable and features ergonomic handles.

- ◀ Reduced maintenance cost
- ◀ Reduced risk of static build-up
- ◀ Explosion proof
- ◀ Increased vaporization capacity
- ◀ Improves company branding
- ◀ Offers high safety and reliability
- ◀ Leakage proof

# LPG MODEL RANGES

COMET

COMET XD



HEIGHT mm	404	507	549	582	542	570
DIAMETER mm	310	310	310	310	320	320
WATER CAPACITY L	12,5	19,1	22	24	24	26,2
TARE WEIGHT kg	4,9	6,2	6,8	7,2	7,2	7,5
BUTANE kg	6	9	11	12	12	13
PROPANE kg	5	8	9	10	10	11
VALVES	Suitable for all types	Suitable for all types	Suitable for all types	Suitable for all types	Suitable for all types	Suitable for all types

## AWARDS AND APPROVALS

### INTERNATIONAL CONCEPT AND DESIGN AWARDS



### APPROVALS

Many COMET models benefit from a 10-year retest period. Striving for global acceptance, the Comet can be manufactured according to many construction standards, including:

- EN 12245
- EN 14427
- DOT SP 14457
- TC SU9768
- ABNT NBR 15574
- AS 2030.1