



HEXAGON
RAGASCO

10

10 million
CYLINDERS IN USE
WORLDWIDE

FORKLIFT TRUCK CYLINDERS



HEXAGON RAGASCO INTRODUCED THEIR COMPOSITE LPG CYLINDERS FOR FORKLIFT TRUCKS (FLT) IN 2006. THE STANDARD SIZE IS 14 KG (31 LBS).

LIGHTWEIGHT

Hexagon Ragasco cylinders are lighter than aluminum and steel cylinders. With an empty weight¹ of 6.3 kg (13.8 lbs), giving it a maximum weight² of 21 kg (46.3 lbs) when full, our cylinders are the lightest FLT cylinders available. European Manual Handling Operations Regulations state that it is not allowed to lift cylinders heavier than 25 kg (55 lbs) further than elbow height. Our FLT cylinders lightweight is well below this requirement. All cylinders have identical tare weight. The low weight combined with an ergonomic design makes this cylinder very easy to lift, handle and stack, further reducing the risk of workplace injury.

SAFE

With over 10 million units in use worldwide, our cylinders hold the best safety record in the industry. Hexagon Ragasco cylinders patented construction withstands a burst pressure that is twice as high as their steel counterparts. In addition, our cylinders will not BLEVE, eliminating the risk of explosion in case of fire.

EASY MAINTENANCE AND USE

The translucent composite materials allow you to see the fuel level eliminating the need for inaccurate gauges. It is now easy to see exactly how much fuel is left. Hexagon Ragasco FLT cylinders are delivered with an approved valve for liquid service with fast fill connection, customized for your market, for effortless filling in both horizontal and vertical position.

LOWER OPERATIONAL COSTS

Hexagon Ragasco cylinders do not rust or deteriorate like steel cylinders, so they'll never need repainting. This effectively eliminates refurbishment costs. Your company will save money by eliminating the cost and time needed for shot-blasting, painting, baking... You will also preserve the environment by eliminating toxic residues from the refurbishment process and saving energy.

QUALITY-ASSURED MANUFACTURING

Hexagon Ragasco cylinders are produced at our state-of-the-art manufacturing plant in Norway. Our fully-automated production line is the only one of its kind in the world. Quality is assured throughout with all steps in the value chain and all processes certified according to ISO 9001. During the

manufacturing process, there are numerous points where production data on each cylinder is collected and stored for full traceability.

MEETING THE STANDARDS

Hexagon Ragasco cylinders comply with a wide range of international standards and approvals. The principal ones include:

- ISO 9001
- ISO 11119-3
- EN 12245
- EN 14427
- DOT-SP 12706
- TC SU 5931

1. Without valve. 2. With valve

TECHNICAL SPECIFICATIONS

PRESSURE RATINGS

Service pressure	20 bar	294 psi
Test pressure	30 bar	441 psi
Required burst pressure	60 bar	882 psi
Actual Hexagon Ragasco burst pressure	150 bar	2200 psi

VALVE DESCRIPTION

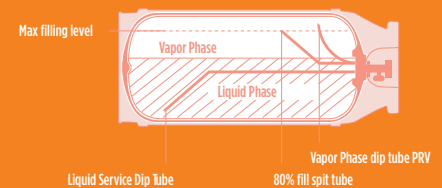
A wide variety of valves for liquid service and horizontal filling.

- One hole solution - fewer points for potential leaks
- Multi function valve, including PRV and Excess Flow Valve
- Translucent cylinder no need for level gauge
- Valve fully protected by outer upper casing
- Straight threads reduce torque force into composite walls

STANDARD CONFIGURATION



USA CONFIGURATION



HEXAGON RAGASCO AS

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