



Fuel-Easy™

External Load Fuel Container for Fuel Transportation

Description

The Fuel-Easy™ system is a fully collapsible external fuel container for safe and cost-efficient fuel transportation. It is the definitive product for the transport of fuel by helicopter and offers the operator greatly increased fuel-hauling capability, easier fuel handling, reduced cost and wastage, and the assurance of clean fuel. It is proven to work in the toughest conditions around the world, from the high arctic, to the arid deserts of Africa.

Reliable and Easy to Use

Features

- Bottom-emptying bladder with standard camlock fittings
- Top-filling with camlock fitting
- No vapour space
- No fuel transfer between drums
- Assembly without tools
- Pliable and puncture-resistant material
- Lightweight, Compact shipping dimensions

Resulting Benefits

- Reduced fuel wastage, prevents fume hazards
- Fuel savings compared to using drum fuel
- No condensation
- Eliminates fuel contamination
- Easy set-up in 5 min.
- Usage in low temperatures
- Economical storage and transport



Fuel-Easy in flight

Safe

The Fuel-Easy's aerodynamic design allows it to be flown at a helicopter's maximum cruise speed while remaining predictable and stable. A cargo load that can change shape in flight can be dangerous, but the Fuel-Easy flies safely and holds no surprises in flight. Its rigid frame guarantees that the bladder maintains a symmetrical configuration in the air, so, unlike fuel drums, it tends not to spin on the hook. When flown at partial loads, the bladder collapses into itself, creating the specific amount of aerodynamic drag necessary to fully stabilize the unit in flight.



Fuel-Easy™ in the Canadian Arctic used in conjunction with the Insta-Berm™

See Reverse for Fuel-Easy™ Specifications



Applications

- Wildland Firefighting
- Oil & Gas Exploration
- Resupply Operations
- Mineral Exploration
- Forestry Operations

With a size for every helicopter, the Fuel-Easy can efficiently transport a maximum load of fuel to the remote job site on the hook. Then the fuel may be off-loaded into a remote site storage tank, such as the Terra Tank™ pillow tank.

Standard Fittings

Fuel-Easy bladders are fitted on top with a 2" (5 cm) NPT flange for the fill piping and on the bottom with a 2" (5 cm) NPT flange for the outlet piping.

Fill piping on all Fuel-Easy models:

- 1 - 2" (5 cm) nipple
- 1 - 1/3 psi pressure relief valve
- 1 - 2" (5 cm) female camlock coupler with dust plug

Outlet piping on all Fuel-Easy models:

- 1 - 2" (5 cm) nipple
- 1 - 2" (5 cm) elbow
- 1 - 2" (5 cm) grounded hose assembly
- 1 - 2" (5 cm) bronze ball valve
- 1 - 2" (5 cm) male camlock adaptor with dust cap

Fuel-Easy bladders can be supplied with larger or smaller diameter piping as optional equipment.

Construction

- Fuel bladder: high strength urethane-coated nylon
- Frame: high strength aluminum, bronze, or steel
- Leg Uprights/Diagonal Braces/Stretchers: Aluminum or Steel pipes
- Connector & Bottom Plates: Cast Aluminum
- Brace Brackets: Cast Aluminum
- Hoop: specially formed square aluminum or steel tube
- Detachable components: fixed in place with quick pins
- Non-Detachable components: bolted with aircraft bolts and nylock nuts
- Repairs: Dry repair kit (for use in the field)

Specialty bladders are available for potable water and for a variety of chemicals.

Fuel-Easy™ Specifications

Model	Maximum Capacity			Gross Weight*		Empty Weight		Shipping Weight		Approximate Shipping Crate Dimensions	
	US Gal.	Imp Gal.	Litres	lbs	kg	lbs	kg	lbs	kg	inches	cm
F-100	120	100	445	915	415	80	35	175	80	24 x 52 x 26	60 x 132 x 66
F-150	180	150	680	1345	610	90	41	190	86	26 x 60 x 24	66 x 152 x 60
F-250	300	250	1140	2225	1010	150	68	250	115	36 x 70 x 24	91 x 178 x 60
F-430	515	430	1955	3740	1700	165	75	285	130	36 x 80 x 26	91 x 203 x 66
F-775	930	775	3525	6690	3040	250	114	400	182	38 x 96 x 28	97 x 244 x 71
F-950	1140	950	4320	8160	3710	270	123	450	205	38 x 120 x 28	97 x 305 x 71
F-1050	1260	1050	4775	9045	4110	325	148	510	232	39 x 120 x 28	97 x 305 x 71

* Based on Fuel S.G.=0.83



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