

Enhanced Elastica spheroid balloons

The Aeromedia helium inflated aerostats are made by hull and bladder composite technology and are performance/price optimised. Envelope is made of coated nylon fabric with reinforced seams. The helium-proof bladder is sealed of co-extruded film. The clear, aerodynamically perfect, wrinkle-less shape and flight stabilising sails make the Elastica balloon the best choice for different applications.

Supply included:

- Envelop (reinforced nylon fabric) with optional artwork
- Hermetic bladder (nylon film) with overpressure valve and float-deflator according CAA requirements
- aerodynamic stabilizer
- Tethering system (50 m line) with aerial imaging payload attachments
- Helium hose
- Instruction manual
- Keeping bag

Technical data – max wind 50 m/s

No	Model	Diameter	Height	Volume	Balloon Area	Balloon Weight	Net Lift*	Est. Ship Weight
		m	m	m ³	m ²	kg	kg	kg
2	Am-Sh4	4	2.8	23	39	5.3	18	10
3	Am-Sh6	6	4.2	79	89	12	68	15
4	Am-Sh9	9	6.3	269	200	40	231	50
5	Am-Sh12	12	9.5	900	450	100	800	120

Fabric colours: white for digital printing. Basic colours are available too. Matched colours - by special order.

Artwork:

- Structural patterning - tiling different fabric colour, for example soccer ball
- Flexible PVC film appliqué - many colours, excellent for lettering and solid colour graphic
- Thermo transfer film - intensive, saturated, sharp edges, best for fine graphic
- Digital printing - photo realistic, vivid colours
- Combination of artwork technique is possible for best performance/price ratio.

The shipping is NOT included (for estimating shipping cost please see *Est. Ship Weight*).

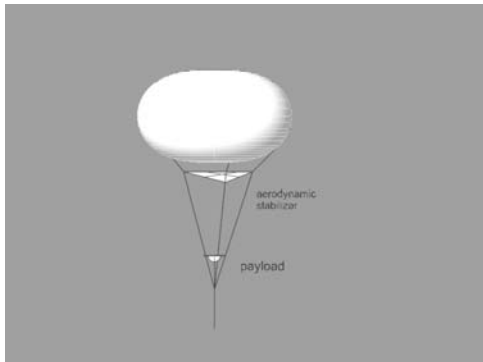
Preferred shipping agent - TNT <http://www.tnt.com/express>

Payment shall be made by 50% at order and 50% before shipping.

Lead-time for production and printing is 4 weeks. Delivery time is depending on delivery method and location.



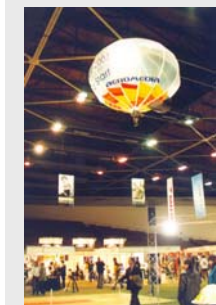
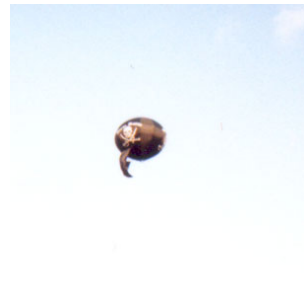
< 6 metre spheroid



The elastica shaped balloons with specially designed stabilization aerodynamic surface offer alternative of the blimps with better lift to drag ratio, a lower helium volumes needed and easier maintains.

Acting as a kite they withstand higher winds. Design is optimized as aerial surveillance system carrier.

In contrast with other spheroid shaped balloons Elastica Kite-balloons have smooth, free of wrinkles equatorial belt ideally suited for advertising and



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