

Structures & Mechanisms — market benchmark

What an ordinary structures & mechanisms article weighs, draws and takes to deliver, counted from every such product in the catalogue.

285

PRODUCTS

96

LISTING SOURCES

0.58 kg

MEDIAN MASS

Data as of 2026-08-02 11:04 UTC. Computed from the NewSpace Market catalogue — counted, not estimated — and checkable against the live listing.

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1. Technical parameters

PARAMETER	TYPICAL RANGE middle half of the market	MEDIAN	DISTRIBUTION bar = middle half, line = full spread	STATED BY
Mass, kg	0.117 – 4.5	0.58		97 of 285
Power, W	25 – 112	80		13 of 285
Payload capacity, kg	1000 – 1500	1000		5 of 285 THIN
Lead time, mo	2.08 – 6	6		38 of 285
Design life, yr	6 – 15	10		29 of 285
TRL	8 – 9	9		33 of 285
Largest dimension, mm	91.5 – 368	270		39 of 285

No supplier in this category publishes a list price. In this part of the market pricing is quote-only; send an RFQ to get real figures.

2. Who lists the most in this category

Glavkosmos · 49	Ensign-Bickford Aerospace & Defense (EBAD) · 42	Pumpkin, Inc. · 22
Beyond Gravity (ex-RUAG Space) · 11	NPC Spacemind · 9	VACCO Industries · 8
Sierra Space · 6	Alba Orbital · 5	

Methodology. Statistics are computed from normalized specifications of catalogued products (subcategories included). The typical range is the middle half of the market — a quarter of products sit below it and a quarter above — which describes the ordinary article better than the extremes: a category may hold both a 12 g separation nut and a 120 kg dispenser. “Stated by” is how many catalogued products carry the parameter at all; rows marked *thin* rest on fewer than twelve and should be read as an indication. Prices are supplier-published list prices converted to USD at fixed rates (EUR 1.08, GBP 1.27); most space hardware is priced on request, so price coverage is partial by nature. Lead times are parsed from supplier-stated availability. License: CC BY 4.0 — free to cite with a link. Cite as “NewSpace Market Intelligence, 2026”.

About NewSpace Market

NewSpace Market is an open catalogue of the satellite supply chain: spacecraft hardware, subsystems, ground segment, launch services and the companies behind them — in one place, comparable, with the source of every figure a click away.

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WHERE THESE NUMBERS COME FROM

Every figure in this report is computed from catalogue records at the moment of publication — no surveys, no extrapolation. The same figures are live on the site, and each report is reissued monthly, with past editions kept.

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