

Propulsion — market benchmark

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

461

PRODUCTS

132

LISTING SOURCES

1.5 kg

MEDIAN MASS

Data as of 2026-08-02 11:40 UTC. Computed from the NewSpace Market catalogue — counted, not estimated — and checkable against the live listing.

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461

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PRODUCTS

LISTING SOURCES

1. Technical parameters

PARAMETER	TYPICAL RANGE middle half of the market	MEDIAN	DISTRIBUTION bar = middle half, line = full spread	STATED BY
Mass, kg	0.415 – 5.85	1.5		183 of 461
Power, W	10 – 800	50		155 of 461
Thrust, N	0.02 – 77.5	0.51		224 of 461
Specific impulse, s	267 – 1 470	351		167 of 461
Payload capacity, kg	233 – 2688	550		16 of 461
Total impulse, N·s	180 – 53 253	2 000		87 of 461
Lead time, mo	6.5 – 12	10		83 of 461
Design life, yr	5 – 15	10		78 of 461
TRL	6 – 9	9		52 of 461
Radiation tolerance, krad	9 – 28	21		6 of 461 THIN
Largest dimension, mm	94.3 – 314	161		48 of 461

Only 2 products in this category publish a price — too few to quote a median. 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 · 87	VACCO Industries · 29	Yuzhnoye Design Bureau · 24
Aerojet Rocketdyne (L3Harris) · 14	Rafael Advanced Defense Systems - Space Division · 14	
Bradford Space · 13	Busek Co. · 10	Applied Ion Systems · 10

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

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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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