

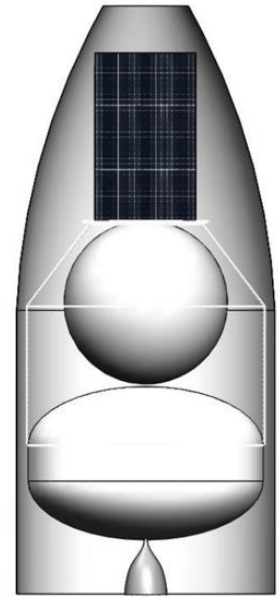
# SPACELINE TECHNOLOGIES

Cryogenic kick stage for high energy missions.

## Product Specification Sheet

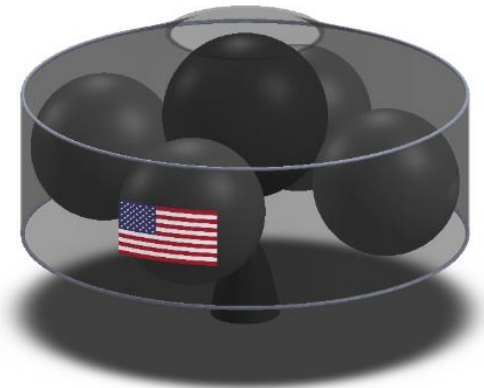
### Spaceline vehicle for small spacecraft:

	Spaceline Vehicle Characteristics - Small
Engine Specific Impulse, sec	451
Total Impulse, Kilonewton-sec	628
Dry Mass without payload, kg	68
Useable Propellant Mass, kg	142
Engine Thrust, Newton	100
Vehicle Diameter, mm	1000
Vehicle Length, mm	1700



### Spaceline vehicle for large spacecraft:

	Spaceline Vehicle Characteristics - Large
Engine Specific Impulse, sec	451
Total Impulse, Kilonewton-sec	10,500
Dry Mass without payload, kg	600
Useable Propellant Mass, kg	2400
Engine Thrust, Newton	1335
Vehicle Diameter, mm	4500
Vehicle Length, mm	3000



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