



PJP30



Plasma Jet Pack technology Station keeping

Simply disruptive

This plug-and-thrust, disruptive technology offers low-cost propulsion for smallsats. Small and lightweight, with a lifespan of at least five years, the PJP30 is the first model of a range of thrusters. The PJP30 is modular and Comat can customize it according to customers' needs.



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PLASMA JET PACK
by **comat**

Main benefits

- ✓ Solid metal propellant
- ✓ Power and mean thrust adjustable without efficiency change
- ✓ High specific impulse
- ✓ Neutral plasma
- ✓ Ibit flexibility from nNs to μ Ns as per design concept
- ✓ Compact propulsion module
- ✓ Robust electronics
- ✓ Flat design for easier integration

Characteristics

Average thrust
from 0 to 150 μ N @ 30 W

Specific impulse ISP
2,500 s

Impulse bit
30 μ Ns

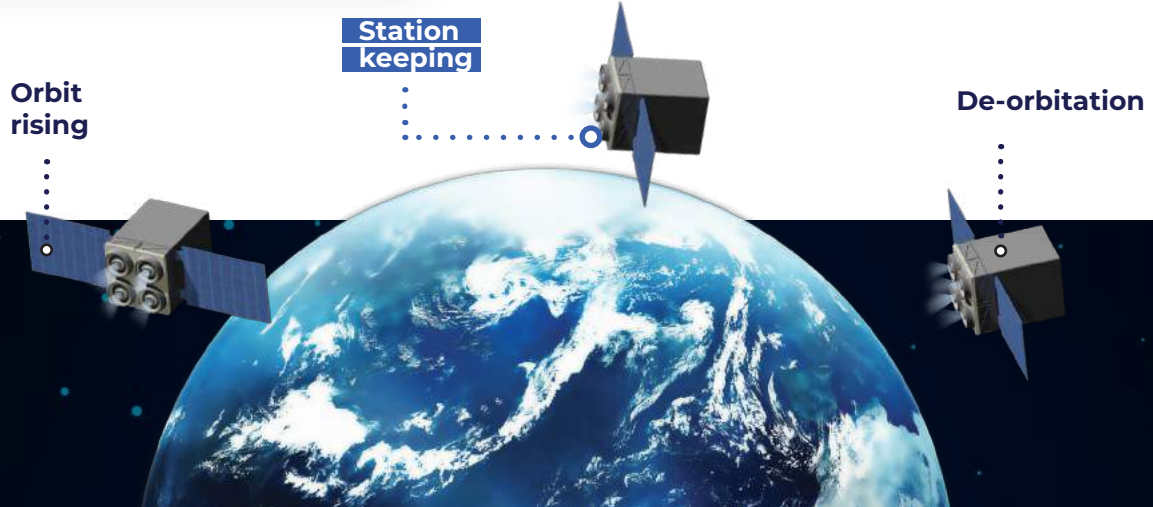
Overall mass
1,000 g

Overall volume
10*20*5

Total impulse
400 Ns

Total thrust duration
Few years of station keeping

Power interface
**From 0 to 30 W
based on frequency**



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Electric propulsion

PLASMA JET PACK

Station keeping

