

# LM-3C Orbital Launch Vehicle

The LM-3C launch vehicle was developed based on the LM-3A. It shares a similar module design with LM-3A and LM-3B.



## Overview

### LM-3C Orbital Launch Vehicle

The LM-3C is a reliable three-stage orbital launch vehicle designed for efficient payload delivery. Built upon the mature architecture of the LM-3A series, it utilizes a modular design and two strap-on boosters to ensure mission success. It is primarily engineered to support geostationary transfer orbit (GTO) missions with precision and adaptability.

## Performance

### Standard GTO Capacity

**3800 kg**  
GTO Capacity

## Technical Specifications

Stage Configuration	Three-stage launch vehicle
Strap-on Boosters	2

## Design Heritage

### Design Basis

- LM-3A core stage
- Modular design architecture
- Shared technology with LM-3B

## Mission Profile

### Primary Mission Type

GTO Mission • Spacecraft Launch