

NEWSPACE MARKET · COMPANY PROFILE



KOSMOLAB

Launch Services

Russia · founded 2018 · kosmolab.ru

34

PRODUCTS

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SERVICES

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WITH DATASHEETS

newspacemarket.com/companies/kosmolab/

as of 20 August 2026



KOSMOLAB Launch Services

KOSMOLAB Launch Services is a Russia-based rideshare brokerage and integration partner for CubeSat and smallsat customers worldwide. The company handles every part of the launch life-cycle: vehicle selection and slot purchase across PSLV, Falcon 9 Transporter, Ariane 6, Soyuz and SSLV; structural and electrical interface verification; export / import paperwork and ITAR / EAR navigation; pre-shipment fit-checks; on-site campaign support; launch insurance brokerage; and post-launch telemetry hand-off.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

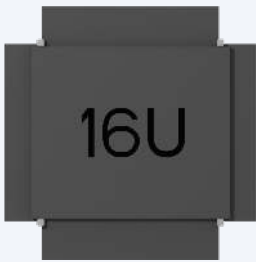
SERVICES

Services

Angara A5 — Heavy Rideshare to GTO / High Orbits (launches from 2027)

Angara A5 offers heavy rideshare launch services to GTO and high orbits, with launches starting from 2027.

Product catalogue



KOSMOLAB LAUNCH SERVICES

Deployer EXT 16U

The Deployer EXT 16U is a deployment system designed for 16U-class CubeSats, featuring an extended accommodation zone and compatibility with various launch vehicles.

Dimensions (L×W×H)	600 × 290 × 299 mm
Mass	9 kg
Max. satellite mass	40 kg
Separation time	≤ 1 c
Separation velocity	0.5 – 2.0 m/c
Angular separation velocity	≤ 2 °/c
Operating temperature	–60°C to +60°C

price on request [datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployer EXT 16U

The Deployer EXT 16U is a CubeSat deployer designed for 16U-class CubeSats, featuring an extended accommodation zone.

Dimensions (L×W×H)	600 × 290 × 299 mm
Mass	9 kg
Max. satellite mass	40 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature, °C	–60°C to +60°C

₽6 000 000 [datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployer SERIES 12U

The Deployer SERIES 12U is designed for the deployment of a single 12U-class spacecraft, compatible with various launch vehicles including Angara, Soyuz/Fregat, PSLV, and Start-1M.

Dimensions (L×W×H)	480 × 290 × 299 mm
Mass	8,5 kg
Max. satellite mass	26 kg
Separation time	≤ 1 c
Separation velocity	0.5 – 2.0 m/c
Angular separation velocity	≤ 2 °/c
Operating temperature	–60°C to +60°C

price on request [datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployer SERIES 12U

The Deployer SERIES 12U is a CubeSat deployer designed for the deployment of a single 12U-class spacecraft. It is compatible with various launch vehicles and offers customization o

Dimensions (L×W×H)	480 × 290 × 299 mm
Mass	8,5 kg
Max. satellite mass	26 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature, °C	–60°C to +60°C

₽5 000 000 [datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployer SERIES 16U

The Deployer SERIES 16U is designed for the deployment of a single 16U-class spacecraft, compatible with various launch vehicles including Angara, Soyuz/Fregat, PSLV, and Start-1M.

Dimensions (L×W×H)	600 × 290 × 299 mm
Mass	12 kg
Max. satellite mass	40 kg
Separation time	≤ 1 c
Separation velocity	0.5 – 2.0 m/c
Angular separation velocity	≤ 2 °/c
Operating temperature	–60°C to +60°C

[price on request](#) [datasheet](#)



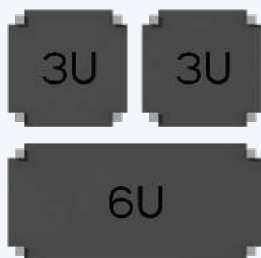
KOSMOLAB LAUNCH SERVICES

Deployer SERIES 16U

The Deployer SERIES 16U is designed for the deployment of a single 16U-class spacecraft, compatible with various launch vehicles.

Dimensions (L×W×H)	600 × 290 × 299 mm
Mass	12 kg
Max. satellite mass	40 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature, °C	–60°C to +60°C

[₽6 000 000](#) [datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployer SERIES 2x3U/1x6U

Mixed configuration 2x3U/1x6U enables simultaneous deployment of two 3U and one 6U-class CubeSats in a single launch.

Dimensions (L×W×H)	480 × 290 × 299 mm
Mass	9.5 kg
Max. satellite mass	26 kg
Separation time	≤ 1 c
Separation velocity	0.5 – 2.0 m/c
Angular separation velocity	≤ 2 °/c
Operating temperature	–60°C to +60°C

[price on request](#) [datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployer SERIES 2x3U/1x6U

The Deployer SERIES 2x3U/1x6U is a CubeSat deployer designed for simultaneous deployment of two 3U and one 6U-class CubeSats in a single launch.

Dimensions (L×W×H)	480 × 290 × 299 mm
Mass	9,5 kg
Max. satellite mass	26 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature, °C	–60°C to +60°C

[₽6 000 000](#) [datasheet](#)



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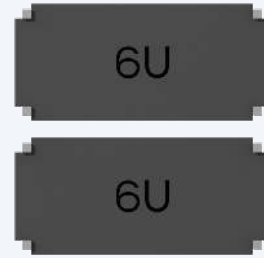
Deployer SERIES 2x6U

The Deployer SERIES 2x6U is a CubeSat deployer designed to simultaneously deploy two 6U-class CubeSats, compatible with various launch vehicles.

Dimensions (L×W×H)	480 × 290 × 299 mm
Mass	9 kg
Max. satellite mass	26 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature, °C	–60°C to +60°C

€5 500 000

[datasheet](#)



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Deployer SERIES 2x6U

The Deployer SERIES 2x6U enables simultaneous deployment of two 6U-class CubeSats, compatible with various launch vehicles and customizable to specific requirements.

Dimensions (L×W×H)	480 × 290 × 299 mm
Mass	9 kg
Max. satellite mass	26 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature	–60°C to +60°C

price on request

[datasheet](#)



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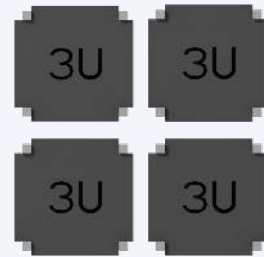
Deployer SERIES 4x3U

The Deployer SERIES 4x3U is a CubeSat deployer designed to simultaneously deploy four 3U-class CubeSats. It is compatible with various launch vehicles and offers customization options.

Dimensions (L×W×H)	480 × 290 × 299 mm
Mass	10 kg
Max. satellite mass	26 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature, °C	–60°C to +60°C

€6 000 000

[datasheet](#)



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Deployer SERIES 4x3U

The Deployer SERIES 4x3U enables simultaneous deployment of four 3U-class CubeSats and is compatible with various launch vehicles.

Dimensions (L×W×H)	480 × 290 × 299 mm
Mass	10 kg
Max. satellite mass	26 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature	–60°C to +60°C

price on request

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployers 12U LIGHT

The KosmoLab 12U LIGHT deployer is a lightweight solution for launching CubeSats, designed to maximize payload mass by minimizing the deployer's own weight.

Mass	6 kg
Max. satellite mass	26 kg
Satellite mass range	up to 26
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature, °C	-60°C to +60°C

€5 000 000

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployers 12U LIGHT

The KosmoLab Deployers 12U LIGHT is the most lightweight deployer ever, designed to maximize useful space satellite payload by significantly reducing its own mass.

Mass	6 kg
Max. satellite mass	26 kg
Satellite mass range	up to 26
Separation time	≤ 1 c
Separation velocity	0.5 – 2.0 m/c
Angular separation velocity	≤ 2 °/c
Operating temperature	-60°C to +60°C

price on request

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployers 16U LIGHT

The KosmoLab 16U LIGHT deployer is a lightweight CubeSat deployer designed to minimize mass while providing extended areas for CubeSat spacing and secure clamping.

Mass	6 kg
Max. satellite mass	40 kg
Satellite mass range	up to 40
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature, °C	-60°C to +60°C

€5 000 000

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

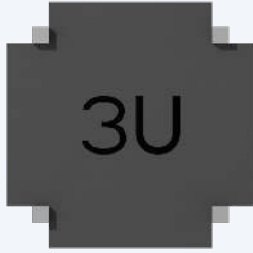
Deployers 16U LIGHT

The KosmoLab Deployers 16U LIGHT are the most lightweight deployers available, designed to maximize useful space satellite payload by significantly reducing mass.

Mass	6 kg
Max. satellite mass	40 kg
Satellite mass range	up to 40
Separation time	≤ 1 c
Separation velocity	0.5 – 2.0 m/c
Angular separation velocity	≤ 2 °/c
Operating temperature	-60°C to +60°C

price on request

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployers 3U

Deployers 3U provide transport and deployment of 3U-class CubeSats, compatible with various launch vehicles and customizable to specific requirements.

Dimensions (L×W×H)	457 × 158 × 187 mm
Mass	3.5 kg
Max. satellite mass	6 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature	–60°C to +60°C

[price on request](#) [datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployers 3U

The KosmoLab 3U Deployer provides transport and deployment for 3U-class CubeSats, compatible with various launch vehicles.

Dimensions (L×W×H)	557 × 158 × 187 mm
Mass	4.7 kg
Max. satellite mass	6 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature, °C	–60°C to +60°C

[₺3 500 000](#) [datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployers 4U

The KosmoLab Deployers 4U are designed for the transport and deployment of 4U-class CubeSats, compatible with various launch vehicles.

Dimensions (L×W×H)	557 × 158 × 187 mm
Mass	4.7 kg
Max. satellite mass	6 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature, °C	–60°C to +60°C

[₺3 500 000](#) [datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployers 4U

KosmoLab Deployers 4U provide transport and deployment of 4U-class CubeSats, compatible with various launch vehicles including Angara, Soyuz/Fregat, PSLV, and Start-1M.

Dimensions (L×W×H)	557 × 158 × 187 mm
Mass	4.7 kg
Max. satellite mass	6 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature	–60°C to +60°C

[price on request](#) [datasheet](#)



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Deployment Sequencer BU-12

The Deployment Sequencer BU-12 receives an activation signal from a launch vehicle to initiate a mission cyclogram, providing output signals for satellite deployment and returning

Dimensions (L×W×H)	300 × 235 × 145 mm
Mass	4.5 kg
Payload supply voltage	28 V
Current per channel	2 A
Max total current	4 A
Battery capacity	4 Ah
Control Channels	12

€1 500 000

[datasheet](#)



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Deployment Sequencer BU-24

The Deployment Sequencer BU-24 is a device that initiates satellite deployment sequences upon receiving an activation signal from a launch vehicle. It also provides telemetry feedb

Dimensions (L×W×H)	300 × 235 × 145 mm
Mass	5.0 kg
Payload supply voltage	28 V
Current per channel	2 A
Max total current	4 A
Battery capacity	4 Ah
Control Channels	24

€1 750 000

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

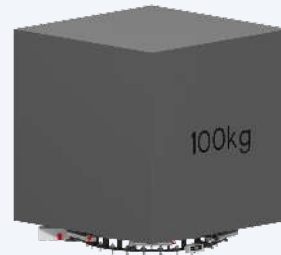
Deployment Sequencer BU-36

The Deployment Sequencer BU-36 receives an activation signal from a launch vehicle and initiates a mission cyclogram to deploy satellites, while also providing telemetry feedback.

Dimensions (L×W×H)	300 × 235 × 145 mm
Mass	5.5 kg
Payload supply voltage	28 V
Current per channel	2 A
Max total current	4 A
Battery capacity	4 Ah
Control Channels	36

€2 000 000

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployment System 100 kg

The KosmoLab Deployment System 100 kg is designed for space satellites up to 100 kg, providing smooth, shockless deployment without pyrotechnics.

Mass	8.0 kg
Max. satellite mass	100 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature	–60°C to +60°C

price on request

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployment System 100 kg

The Deployment System 100 kg is a non-pyrotechnic separation mechanism designed for space satellites weighing up to 100 kg, ensuring smooth and shockless deployment.

Mass	8.0 kg
Max. satellite mass	100 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature	–60°C to +60°C

€7 500 000

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployment System 200 kg

The Deployment System 200 kg (LSO-200) provides smooth, shockless deployment of space satellites weighing up to 200 kg from the upper stage of a launch vehicle, utilizing a pyrotec

Mass	13.5 kg
Max. satellite mass	200 kg
Separation time	≤ 1 c
Separation velocity	0.5 – 2.0 m/c
Angular separation velocity	≤ 2 °/c
Operating temperature	–60°C to +60°C

price on request

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

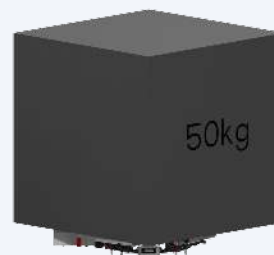
Deployment System 200 kg

The Deployment System 200 kg is a non-pyrotechnic separation system designed for space satellites up to 200 kg, ensuring smooth and shockless deployment.

Mass	13.5 kg
Max. satellite mass	200 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature, °C	–60°C to +60°C

€9 500 000

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployment System 50 kg

The Deployment System 50 kg (LSO-050) provides smooth, shockless deployment of space satellites weighing up to 50 kg from the upper stage of a launch vehicle.

Mass	4.0 kg
Max. satellite mass	50 kg
Separation time	≤ 1 c
Separation velocity	0.5 – 2.0 m/c
Angular separation velocity	≤ 2 °/c
Operating temperature	–60°C to +60°C

price on request

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployment System 50 kg

A non-pyrotechnic deployment system designed for 50 kg space satellites, ensuring smooth and shockless separation from the launch vehicle's upper stage.

Mass	4.0 kg
Max. satellite mass	50 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature	-60°C to +60°C

€6 000 000

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Deployment System 500 kg

The Deployment System 500 kg is a non-pyrotechnic separation system designed for space satellites up to 500 kg, ensuring smooth and shockless deployment.

Mass	17 kg
Max. satellite mass	500 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature	-60°C to +60°C

€12 000 000

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

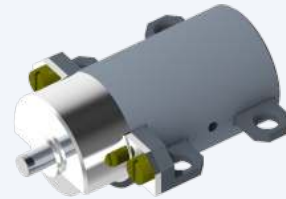
Deployment System 500 kg

The Deployment System 500 kg (LSO-500) provides smooth, shockless deployment of space satellites weighing up to 500 kg at the moment of separation from the upper stage of a launch

Mass	17 kg
Max. satellite mass	500 kg
Separation time	≤ 1 s
Separation velocity	0.5 – 2.0 m/s
Angular separation velocity	≤ 2 °/s
Operating temperature	-60°C to +60°C

price on request

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Electric Lock

The KosmoLab Electric Lock is designed for the release of actuating mechanisms in space-rocket hardware, with modifications available to meet specific requirements.

Dimensions (L×W×H)	48.7 × 37.4 × 22.4 mm
Mass	≤ 0.1 kg
Armature stroke	≥ 4.5 mm
Pull force	0.45 ± 0.05 kg
Operating temperature	-60°C to +60°C

price on request

[datasheet](#)



KOSMOLAB LAUNCH SERVICES

Electric Lock

The Electric Lock is a mechanism designed for the release of actuating mechanisms in space-rocket hardware, offering custom modifications based on specific requirements.

Dimensions (L×W×H)	48.7 × 37.4 × 22.4 mm
Mass	≤ 0.1 kg
Armature stroke, mm	≥ 4.5
Pull force, kg	0.45 ± 0.05 kg
Operating temperature, °C	-60°C to +60°C

[price on request](#)[datasheet](#)

KOSMOLAB LAUNCH SERVICES

Payload Adapter for LV

The Payload Adapter for LV provides optimal mounting for various deployment systems with satellites, developed to meet specific launch mission requirements and launch vehicle mass

Type	Payload adapter
Purpose	Cluster launch
Compatibility	All KosmoLab separation systems
Material	Composite materials
Configuration	To customer specification
Price	On request
Country	Russia

[price on request](#)[datasheet](#)

Contact KOSMOLAB Launch Services

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/kosmolab/>

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