

TASHKENT GUIDE

Travel Agency LLC



## UZBEKISTAN

**Tashkent: Sun heliocomplex, Amirsoy ski resort, Chimgan mountain & Charvak lake**

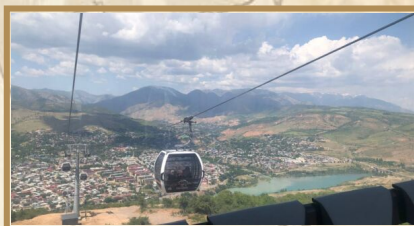
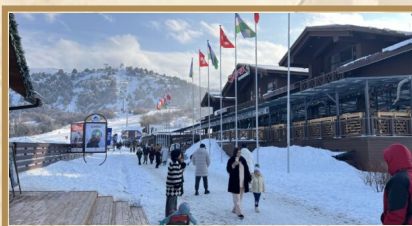
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### Key facts

#### Duration

10 hours

#### Departure times

08:00

#### Price

from \$50.00 per person

#### Tour type

Private tour - Only your party travels with the guide.

#### Free cancellation

Cancel in advance for a full refund

### Overview

Science, mountains and a turquoise lake in one full day. This day trip from Tashkent takes you to the futuristic Sun Heliocomplex solar furnace, the modern Amirsoy ski resort, the Chimgan chairlift and the viewpoints of Charvak Lake - with hotel pickup and drop-off included.

Your day at a glance

08:00 AM | Hotel pickup - Meet your guide and leave the city behind as we drive toward the foothills of the mountains.

09:30 AM | Solar Institute "Physics-Sun" - Step into a sci-fi world and explore one of the world's largest solar furnaces. Watch a live demonstration as concentrated sunlight, reflected by massive mirrors, melts





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iron and coins right before your eyes.

12:30 PM | Traditional lunch at Fayz Cafe - Take a well-deserved break at a local favourite and taste authentic Uzbek flavours near the mountain pass.

01:30 PM | Amirsoy Mountain Resort - Enjoy 2 hours of free time at Uzbekistan's premier mountain resort. Ride the cable car, explore the modern grounds, take in the views or simply enjoy the crisp alpine air.

03:30 PM | Chimgan peaks and chairlift - Take a nostalgic ride on the Chimgan chairlift for panoramic views of the "Uzbek Switzerland". Perfect for photography.

05:00 PM | Charvak Lake viewpoint - A final scenic stop at Charvak Reservoir, where vast turquoise water is surrounded by towering mountains - a perfect golden-hour photo stop.

06:30 PM | Arrival in Tashkent - Relax on the drive back as we drop you off at your hotel.

About the places you will visit

The Sun Heliocomplex is one of only two large solar furnaces in the world. Its field of heliostat mirrors focuses sunlight onto a huge concave mirror, reaching temperatures high enough to melt metal - an unforgettable sight for families, students and anyone curious about science.

Amirsoy is the newest and most modern mountain resort in Uzbekistan, with ski slopes in winter and hiking trails, cafes and viewpoints in summer. Chimgan is the classic mountain getaway for people from Tashkent, famous for its fresh air and its old chairlift. Charvak Lake, framed by the Western Tian Shan





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mountains, is the region's favourite spot for views and photos.

Why travel with us

Licensed local English-speaking guide

Comfortable private transport with hotel pickup and drop-off

A well-balanced route that combines science, nature and relaxation

Lunch, cable car and chairlift tickets are paid on the spot, so you only pay for the activities you choose.

### What's included

- + English speaking guide with car.
- + Fuel
- + Parking fees
- x Entrance fees \$30 total per person

### Meeting and pickup

Pickup point hotel Uzbekistan





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### Itinerary

#### 1. Sun Heliocomplex (Solar Furnace)

The heat which is produced by the solar furnace is considered to be very clean, without any pollutants. There are different ways of using this energy, such as hydrogen fuel production, foundry applications and high temperature testing. The solar furnace of Uzbekistan is sometimes called the Sun Institute of Uzbekistan. The furnace is a complex optical and mechanical construction, with 63 flat mirrors automatically controlled to track the sun in unison and redirect the solar thermal energy towards the crucible. The furnace was first opened in May 1981, and it is located 1100 meters above sea level. The furnace covers a huge area in the mountains, and consists of 4 complex subdivisions, which are: the main building of "Solar furnace of Uzbekistan", heliostatic field, concentrator and manufacturing tower. The solar furnace of Uzbekistan was ready for use in 6 years, which means it was built between the years of 1981 and 1987. The place for the solar furnace of Uzbekistan was chosen carefully, because the sun shines there for 270 days a year. The small solar furnace at the complex has a diameter of 2 meters. The heliostatic field of the solar furnace of Uzbekistan currently consists of about 62 heliostats which are installed in a staggered order. The field uses 12090 mirrors in total, and is the largest concentrator in the world, with an area of 1849 square meters. The concentrator at the furnace uses 10,700 mirrors, and the southern part of the concentrator is covered with special sunscreens.

#### 2. Lunch stop: samsa & kebab

1.5 hour on the road.

It is time to taste Uzbek traditional Samsa, Kabab and other traditional foods.





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### 3. Amirsoy Ski Resort cable car

30 min drive and 2 stops cable car with amazing views. 2 hours free time will be given.

### 4. Chimgan chairlift

Chimgan mountain has amazing chairlift feel like you are flying. 40 min

### 5. Charvak Reservoir viewpoint

10 min stop. Enjoy from the view of Charvak water reservoir.

## Cancellation policy

- Cancel at least 24 hours before departure: 100% refund.
- Less notice than that, or a no-show: 0% refund.

## Book online or message us

<https://tashkentguide.com/es/tour/tashkent-sun-heliocomplex-amirsoy-ski-resort-chimgan-mountain-charvak-lake/>

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