

Item no.: 365482

Model kit , Space Shuttle Discovery & Booster Rockets, 97 parts, from 12 yrs.

from 37,00 EUR

Item no.: 365482
shipping weight: 0.80 kg
Manufacturer: Revell



Product Description

The model kit of the Space Shuttle Discovery & Booster in 1:144 scale is a detailed and sophisticated set for all model building enthusiasts from 12 years. With 97 individual parts, the kit offers everything you need to faithfully recreate the famous space vehicle. The set is suitable for experienced modellers and is rated as Level 4, which means it will take some time and skill to assemble the model.

The finished model will be an imposing collector's item with a height of 437 mm and will let you experience the fascination of space travel at first hand. The model kit contains a variety of realistic features, including opening cargo bay doors, a movable transport arm, an external fuel tank with two solid rockets, a mobile launch pad and three detailed rocket engine end stages. All parts are made of high quality plastic and assemble easily for a sturdy and durable model.

About the original:

Development of a transport system for NASA that was reusable in its major components began in 1972 at North American Rockwell and a number of other companies. The total weight of the Space Shuttle ready for launch is 2,055 t. It can carry a payload of 30 t into orbit up to 965 km above the Earth. The orbiter prototype, the Enterprise, was completed in 1976. The Enterprise was used to research flight and landing characteristics in the atmosphere and in the development of the space-qualified shuttle.

The first launch of a space shuttle into space then took place on 12 April 1981 with the space shuttle Columbia. With the completion of further orbiters from 1983, NASA considerably intensified its scientific-experimental and military-strategic activities together with the US Air Force. Communication and research satellites were transported into space, repairs were carried out on site and the American space station was built and supplied. Challenger was in space for the first time on 4 April 1983. Discovery lifted off for the first time on 30 August 1984. Since 3 October 1985, the fourth space shuttle Atlantis has been on 26 missions. Endeavour completed its first launch on 7 May 1992.

This shuttle was equipped with numerous new devices and computers, making it altogether more powerful. The orbiters can remain in space for a maximum of 28 days. The enormous structural and thermal stresses during launch and landing require constant checks and maintenance of all components as well as improvements to the equipment. The heat shield on the front and underside of the space shuttle is particularly affected by this and must be constantly monitored and repaired. Two tragic accidents in which the entire crew lost their lives resulted in the loss of Challenger in 1986 and Columbia in 2003.

After a two-year hiatus and extensive modifications to the orbiters and main tank, flights resumed. With its landing at Edwards Air Force Base in California on 9 August 2005, Discovery's 31st flight and thus NASA's 114th Space Shuttle mission were successfully completed. With the resumption of the shuttle flights, the expansion of the International Space Station ISS will continue in the coming years. This will also include the European space laboratory Columbus.

- Opening cargo bay doors
- Movable transport arm
- External fuel tank with two solid rockets
- Mobile launch pad
- Three detailed rocket engine end stages

Decals:

- Orbiter "Enterprise", "Discovery", "Atlantis", "Endeavour" before 1998
- Orbiter "Enterprise", "Discovery", "Atlantis", "Endeavour" after 1998

Scope of delivery:

Kit incl. building instructions and decals.

Attention! Not suitable for children under 8 years.

- Scale:1:144
- Age recommendation:12+
- Number of parts:97
- Length:437 mm
- Height:437 mm

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view the product**
All details, up-to-date
prices and availability

