

Falcon Heavy - The world's most powerful super rocket can reach thrust of more than 2,300 tons

Falcon Heavy, the latest version of the Falcon boosters, is a super strong missile to develop the space-stricken Mars of Elon Musk.

Elon Musk, the recent technology billionaire, announced his ambition to conquer Mars and put 1 million people on the planet as a backup solution to life on Earth.

1. Unique new rockets can enter space in just 5 minutes
2. The world's 10 scariest intercontinental missiles
3. How fast can a rocket fly to win gravity and escape the Earth?



This process is performed by Falcon Heavy, the latest version of the Falcon boosters, a super strong rocket to develop the space-stricken Mars of Elon Musk.

According to SpaceX's announcement, Falcon Heavy is superior to the Falcon 9 rocket and will become the most powerful rocket in the world today. In addition, with reuse technology to reduce costs for a launch, Falcon Heavy has reached a new level.

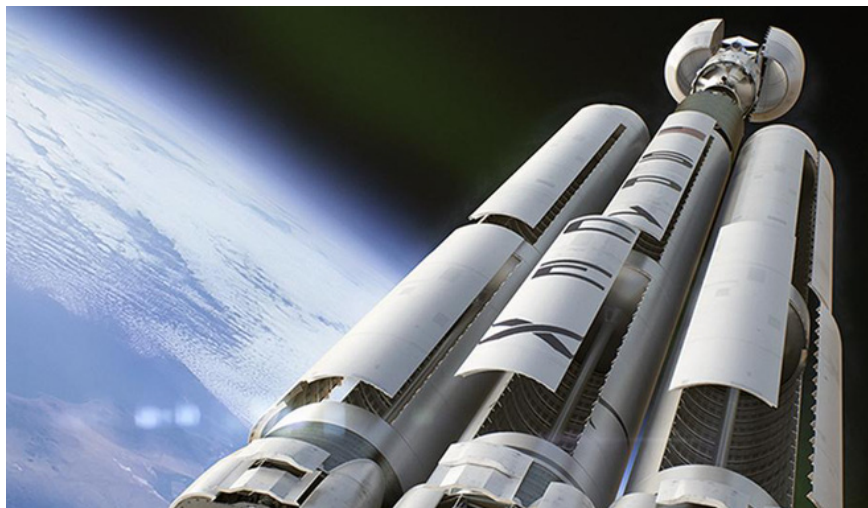
Falcon Heavy has a total volume of more than 1,420 tons, length of 70m, width of 12.2m, main stem diameter of 3.66m.



The rocket consists of 2 push floors and a cargo compartment at the top.

Falcon Heavy's first floor is a super-heavy jet engine system consisting of three Falcon 9 launchers with a total of 27 Merlin jet engines integrated inside, which can achieve thrust of more than 23,000 kN (more than 2,300 ton) .

Falcon Heavy's second floor has only one Merlin jet engine with a thrust of 934kN. After the first floor is separated, the second floor propulsion will begin to operate with a "fire" time in just 397 seconds. This floor can take the cargo compartment or spacecraft to the Low Earth Orbital (LEO), or the Geostationary orbit (GTO) and beyond the Geostationary Orbital (GSO).

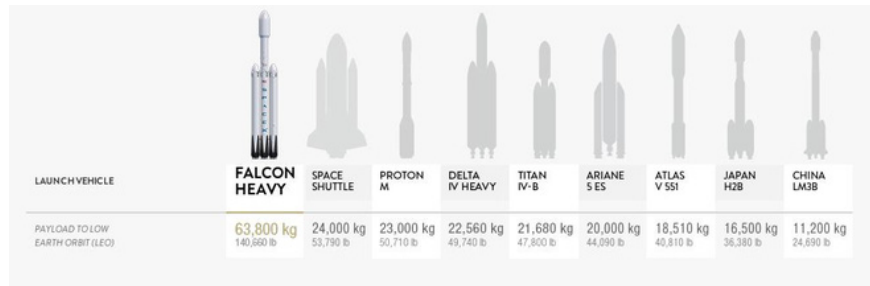


Falcon Heavy possesses extremely terrible capacity.

With such a powerful engine, Falcon Heavy can carry 63.8 tons of cargo (equivalent to the total volume of a Boeing 737 when loaded) to low-level Earth orbit LEO. If the destination is Mars, the volume drops to 16.6 tons.

In addition, when replacing the cargo compartment at the top of the launch system with a Dragon spacecraft produced by SpaceX, Falcon Heavy can also send it into orbit. Currently, only the Saturn V Moon boosters are available for LEO to overcome Falcon Heavy.

To see the massive load of the Falcon Heavy super rocket, let's take a look at its load comparison table with the previously famous launch systems.



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