Falcon Heavy

**Falcon Heavy** is a **reusable super heavy-lift launch vehicle** designed and manufactured by SpaceX, a private American aerospace manufacturer. Its first test flight carrying a red sports car was successfully launched from Florida pad used by NASA.

It is the most powerful operational rocket in the world. It can lift about twice the payload at one third of the cost by Delta 4 rocket which was the most powerful rocket till now. This lift capacity allows to launch heavier satellites into low Earth orbit, or reach higher geostationary orbits to keep station over the same part of Earth. Its three first-stage boosters are designed to be reusable.