

What is K- 9 Vajra?

May 30, 2024 • vajiramandravi.com



About K-9 Vajra:

- It is a 155 mm, 52-caliber tracked **self-propelled artillery system**.
- It can **fire shells** at **great elevation angles** to hit targets far away.
- It is **built by Larsen & Toubro** with **technology transferred from South Korean** defence major Hanwha Défense **based on its K9 Thunder** platform.
- It can perform a variety of missions due to its capacity to fire a wide range of artillery ammunition, including high explosive, smoke, and illumination shells.
- **Features:**
 - It has all-**welded steel armour** up to 19mm thick.
 - The main weapon is the 155mm / 52 calibre gun.
 - The gun weighs 50 tonnes and can fire 47kg bombs.
 - It has a **burst rate of fire of three rounds per 15 seconds** and a maximum rate of fire of six to eight rounds per minute for three minutes.
 - It can **strike enemy targets** at around **50 kilometres**.

- It can also **turn around at zero radius**, basically at the same place where they are standing.
 - The K9 uses a **digital fire control system**, by which it can fire multiple rounds that can impact a given area at the same time.
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Q1: What is K9 Thunder?

The K9 Thunder is a South Korean Self-Propelled 155 mm Howitzer (SPH) developed by Samsung Techwin and now manufactured by the company Hanwha Land Systems. In July 2017, Indian Company India's Larsen & Toubro and Hanwha Techwin (HTW) of South Korea signed a contract to produce the K9 155mm/52 Caliber Tracked Self-Propelled howitzer for the Indian Army under the name of Vajra-T, an enhanced version of the K9 Thunder, manufactured according to specific requirements of the Indian Army including desert operations.

Source: India's Make-in-India defence projects, include K-9 Vajra Howitzers and fighter jet engines, await post-election approval

Source: <https://vajiramandravi.com/current-affairs/what-is-k-9-vajra/>

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