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India's new Lucknow titanium plant now supplies crucial lightweight, heat-resistant parts for BrahMos missiles. Only five other nations make such alloys.



PTC's Lucknow plant has now started supplying titanium raw material and precision components for BrahMos



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In Short

- Operation Sindoor boosted BrahMos missile's global demand
- Lucknow's new plant makes critical titanium and superalloy parts
- India becomes sixth country to produce advanced defence materials

India's supersonic BrahMos missile has gained fresh momentum after Operation Sindoor dealt a decisive blow to terror and military bases inside Pakistan and Pakistan-Occupied-Kashmir (POK). Defence Minister Rajnath Singh has confirmed that more than 14 countries have now expressed interest in acquiring the powerful missile system, which is jointly developed by India and Russia.

In response to this growing demand, a new BrahMos manufacturing facility was inaugurated in Uttar Pradesh's Lucknow shortly after Operation Sindoor. The city's contribution to India's missile capability has received a significant boost with PTC Industries Limited emerging as the country's first private manufacturer of titanium and superalloy components – crucial materials for missiles, submarines, and aircraft.

With this breakthrough, India has become the sixth nation in the world with the capacity to produce these advanced materials, joining the ranks of the United States, Russia, France, the United Kingdom, and China. The facility is part of the ambitious Uttar Pradesh Defence Industrial Corridor, under which more than seven defence industries have already begun operations.