



## ● DEFENCE IMPORTS EMBARGO

Baba Kalyani, CMD, Bharat Forge

The announcement will accelerate the Aatmanirbhar Bharat narrative and bolster the Indian defence equipment manufacturing industry. The domestic industry's growth will lead to reduced expenditure on imports, saving of foreign currency, creating job opportunities, revival of consumption...

# संरक्षण उद्योगांना 'आत्मनिर्भर'चा बूस्टर

पुणे, ता. १० : आत्मनिर्भरतेसाठी संरक्षण क्षेत्रातील १०१ उपकरणे आणि शस्त्रांची आयात बंद करण्याच्या केंद्र सरकारच्या निर्णयामुळे संरक्षण क्षेत्राशी संबंधित पुण्यातील उद्योगांत लहान-मोठ्या उद्योगांत उत्साहाचे वातावरण आहे. या उद्योगांची उलाढाल पाच हजार कोटीपेक्षा जास्त होणार असून, रोजगाराच्या संधीमध्येही मोठ्या प्रमाणात वाढ होणार असल्याचा सूर उद्योग क्षेत्रातून उमटत आहे.

संरक्षण क्षेत्राशी संबंधित डिफेंस रिसर्च अँड डेव्हलपमेंट ऑर्गनायझेशन (डीआरडीओ), आर्मामेंट रिसर्च अँड डेव्हलपमेंट एस्टॅब्लिशमेंट (एआरडीई), हाय एनर्जी मटेरिअल्स रिसर्च लॅबोरेटरी (एचईएमआरएल), डिफेंस इन्स्टिट्यूट ऑफ अँडव्हान्स टेक्नॉलॉजी (डिआयएट) आदी लष्करी संशोधन संस्था पुण्यात आहेत. तसेच संरक्षण क्षेत्राला लागणारे सुटे भाग पुरविणाऱ्या भारत फोर्ज,

एल अँड टी, महिंद्रा, टाटा मोटर्स, किलोस्कर अँडिल इन्जिन्स आदी मोठ्या कंपन्यांसह लहान-मोठ्या कंपन्या पुण्यात आहेत. केवळ लष्णू आणि मध्यम स्वरूपाच्या कंपन्यांची सुमारे एक हजार कोटी रुपयांची वार्षिक उलाढाल आहे. संरक्षण क्षेत्राशी संबंधित उत्पादने हैदराबाद, चेन्नई, बंगळूरुमध्ये मोठ्या प्रमाणात तयार होतात. पुण्यातही पूर्वीपासूनच या क्षेत्रातील उद्योग आहेत.



दृष्टिक्षेपात  
पुण्यातील  
उद्योग

५०

एकूण कंपन्या

१००० कोटी

लष्णू, मध्यम कंपन्यांची उलाढाल

४००० कोटी

मोठ्या कंपन्यांची उलाढाल



केंद्र सरकारच्या या घोषणेमुळे आत्मनिर्भर भारत घडविण्याच्या प्रक्रियेला वेग येईल. या निर्णयाचा लष्णू आणि मध्यम उद्योगांच्या वाढीसाठीही फायदा होईल. तसेच आयातीवरील खर्च कमी होईल. परकीय चलनाची बचत होईल. रोजगाराच्या संधी वाढतील आणि मुख्य म्हणजे पाच ट्रिलियन अर्थव्यवस्थेचे देशाचे स्वप्न साकार होईल. त्यामुळे संरक्षण क्षेत्राशी संबंधित आम्ही केंद्र सरकारच्या या निर्णयाचे स्वागत करीत आहोत.

- बाबा कल्याणी,  
व्यवस्थापकीय संचालक,  
भारत फोर्ज



सरकारच्या या निर्णयामुळे शहरातील लहान-मोठ्या उद्योगांना चालना मिळणार आहे. १०१ शस्त्रे आणि उत्पादनांच्या मागे मोठी साखळी असते. त्यांनाही बूस्ट मिळणार आहे. आता लष्करी संशोधन संस्थांतील प्रयोगशाळा खासगी उद्योगांना खुल्या करण्याची गरज आहे. तेथील उच्च तंत्रज्ञानाचा फायदा शहरातील लहान-मोठ्या उद्योगांनाही मिळाला पाहिजे.

- प्रदीप भार्गव,  
अध्यक्ष, मराठा चेंबर ऑफ  
इंडस्ट्रीज अँड अँटिकल्चर



केंद्र सरकारच्या निर्णयाचा फायदा संरक्षण क्षेत्रांना सुटे भाग पुरविणाऱ्या सर्वच उद्योगांना होणार आहे. त्यामुळे त्याचे आम्ही स्वागत करतो. केंद्राच्या निर्णयाचा फायदा कसा घ्यायचा, याचे नियोजन करून त्या वाढतच आराखडा करण्यासाठी आमची संघटना लवकरच बैठक घेऊन नियोजन करेल. या निर्णयामुळे आयातीचे प्रमाण २० टक्क्यांपर्यंत घटेल.

- शिरीष देशमुख,  
अध्यक्ष, डिफेंस इन्व्हेस्टमेंट  
मॅन्युफॅक्चरर्स - असोसिएशन

ORDERS WORTH ₹4 LAKH CR MAY BE UNLOCKED FOR DOMESTIC COS

# In a Local Boost, Ministry Bars Import of 101 Defence Items

Tanks, trainer aircraft and artillery on list; mechanism to help industry meet military needs will be put in place

Manu.Pubby@timesgroup.com

New Delhi: In a big push for domestic industry, the defence ministry on Sunday generated a list of 101 military items that will not be imported, with estimates that it would result in generation of orders worth ₹4 lakh crore for Indian companies within the next seven years.

The embargo list contains major items that were imported in the past, including basic trainer aircraft, artillery, helicopters and small arms. This will open up a large playing field for domestic manufacturers that have been adding capacity for the past six years in response to the Make in India initiative.

The embargo list was announced by defence minister Rajnath Singh who said more equipment would be identified for an import embargo in due course and a coordinated mechanism for handholding of the industry by the defence services to meet requirements will be put in place.

"Almost 260 schemes of such items were contracted by the Tri-Services at an

**THE EMBARGO**  
List of items that won't be imported prepared after talks with armed forces, DRDO, defence PSUs, Ordnance Factory & private players

Defence minister Rajnath Singh said more equipment will be identified for import ban

**Ban to be implemented**  
from 2020-2024  
Contracts worth ₹4 lakh cr will be put up for domestic cos in next 6-7 years

₹52,000 crore Separate budget allocated this year for local procurement



**LOCAL PLAY**

**High-tech systems**  
like artillery guns, assault rifles, corvettes, radars listed for domestic production

**Major systems**  
include wheeled armoured fighting vehicles, submarines, light combat aircraft

**Small arms** and a range of ammunition also on the list

approximate cost of ₹3.5 lakh crore between April 2015 and August 2020. It is estimated that contracts worth almost ₹4 lakh crore will be placed upon the domestic industry within the next six to seven years," Singh said.

Among the major items identified for domestic production are wheeled armoured fighting vehicles (AFVs) with the army ex-

pected to order units valued at over ₹5,000 crore. The navy will order six conventional submarines under its Project 75I valued at ₹42,000 crore, a process for which is underway. The air force will order 123 of the LCA MK 1A fighter jets in the next few years that will cost over ₹85,000 crore.

No Impact on Strategic Partnership Model >> 6

## No Impact on Strategic Partnership

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Beyond these large systems, the smaller items on the list will add significant business, especially for mid-sized companies that are also looking to tap the export market. These items include a range of ammunition, small arms and bullet proof equipment, besides several types of naval vessels.

In addition, the defence ministry has earmarked a part of its capital acquisition budget only for purchases from the domestic sector - starting with ₹52,000 crore this year that will progressively increase in the upcoming budgets.

The list contains items on which an embargo on imports will be implemented between 2020 and 2024. However, sources said that ongoing initiatives like the strategic partnership model will not be impacted as they already fall under the Make in India category.

Along with changes in the foreign direct investment (FDI) policy, it is expected that this decision will bring in investments by

technology partners to the Indian industry to meet the substantial requirements of the armed forces, besides the potential for exports to friendly nations.

The initial response of the industry to the announcement was positive. "We can assure the defence minister that the Indian defence and aerospace industry will rise to the challenge and opportunities therein. Industry keenly looks forward to more substantive lists of key and critical products and materials which are presently being imported," Chandrajit Banerjee, director general, Confederation of Indian Industry said.

Indian companies that have been creating capacity in the military sector have described the move as critical to the future. "The growth of the domestic sector will lead to self-reliance, reduced expenditure on imports, saving of foreign currency, creating job opportunities, revival of consumption and ultimately getting us closer to the common goal of \$5 trillion economy," Baba Kalyani, CMD, Bharat Forge said.



# India bans import of 101 defence equipment

To create domestic manufacturing of ₹4 trillion in next six to seven years

AJAI SHUKLA

New Delhi, 9 August

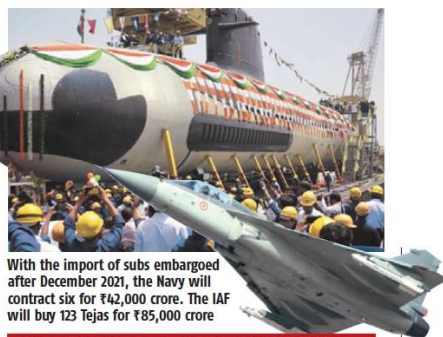
Invoking the Prime Minister Narendra Modi's Atmanirbhar Bharat (Self-Reliant India) initiative, the Ministry of Defence (MoD) announced on Sunday a phased, year-wise embargo on the import of 101 items of defence equipment. As an equipment type comes under the import embargo, the military will be required to buy it from Indian defence manufacturers.

"This decision will offer great opportunity to the Indian defence industry to manufacture items on the negative list by using its own design and development capabilities or adopting the technologies designed and developed by the Defence R&D Organisation to meet the requirements of the Armed Forces," tweeted Defence Minister Rajnath Singh.

Modi endorsed the new export embargoes from his own Twitter account shortly afterwards.

"The embargo on imports is planned to be progressively implemented between 2020 and 2024. Our aim is to apprise the Indian defence industry about the anticipated requirements of the Armed Forces, so that they are better prepared to realise the goal of indigenisation," said Rajnath.

Starting from December, the military will rely exclusively on indigenous vendors for 69 categories of defence equipment, including self-propelled and towed artillery guns, multi-barrelled rocket launchers, bulletproof jackets and helmets, several types of warships, light transport aircraft, light combat fighter aircraft, light combat helicopters, and ground transport vehicles. Turn to Page 8 ▶



With the import of subs embargoed after December 2021, the Navy will contract six for ₹42,000 crore. The IAF will buy 123 Tejas for ₹85,000 crore

## IN DEFENCE OF ATMANIRBHAR

"As a long-term partner with key strategic organisations like DRDO and Isro for over 30 years, we look forward to developing a domestic ecosystem to help boost India's domestic defence manufacturing capabilities and support the vision of self-reliance"

JAMSHYD N GODREJ, CMD, Godrej & Boyce

"This will lead to self-reliance, saving of foreign currency, creating job opportunities, revival of consumption, and ultimately getting us closer to the common goal of a \$5-trillion economy"

BABA KALYANI, CMD, Bharat Forge

"Announcement of ₹52,000 crore for domestic capital procurement, coupled with the list of 101 items for import embargo, gives boost to Atmanirbhar Bharat and indigenous defence manufacturing"

CHANDRAJIT BANERJEE, Director General, CI

## India bans...

In fact, the military already buys these equipment types, mainly from Indian manufacturers. However, the new policy formalises those arrangements.

With effect from December 2021, the military will have to buy another 11 types of equipment, including wheeled tanks, light machine guns, assault rifles, and conventional submarines from Indian manufacturers. Another 21 categories of equipment would have to be sourced only from Indian suppliers from cut-off dates ranging from December 2022 (four equipment types), December 2023 (eight types), and December 2024 (eight types). Additionally, the MoD has mandated that long-range cruise missiles must be bought from indigenous suppliers from December 2025 onwards. The MoD gave three examples of "highly complex weapons platforms" on the list of 101 embargoed items, which add up to ₹1.32 trillion. The Army will buy 200 wheeled armoured fighting vehicles for over ₹5,000 crore, since their import is embargoed after December 2021.

With the import of submarines embargoed after December 2021, the Navy will contract six for approximately ₹42,000 crore. The Air Force will buy 123 Tejas fighters for ₹85,000 crore, since their import is banned after December. Rajnath tweeted that in the five years between April 2015 and August 2020, the military bought equipment worth ₹3.5 trillion in these 101 categories. He estimated that, within the next six to seven years, contracts worth almost ₹4 trillion will be placed upon the domestic industry.

"Of these, items worth almost ₹1.3 trillion each are anticipated for the Army and the Air Force, while items worth almost ₹1.4 trillion are anticipated by the Navy over the same period," said Rajnath. However, these figures suggest domestic purchases in these categories are set to go down, not to rise. Between 2015 and 2020, the average purchase each year adds up to about ₹70,000 crore. Over the next six to seven years, the annual average would fall to ₹61,500 crore. Both the draft Defence Production and Export Promotion Policy 2020 (released for public comment on August 3) and the draft Defence Acquisition Procedure of 2020 (released on July 28) undertake to issue a list of import-embargoed weapons with year-wise timelines.

# Defence stocks may gain from latest import ban

**RAVI RANJAN PRASAD**  
MUMBAI, AUG. 9

Defence production related stocks like Larsen & Toubro, Bharat Forge and defence PSUs such as Bharat Electronics and HAL would be in focus on Monday as the government has fast-tracked indigenous production of many items and plans to phase out high levels of import dependence over a period of time.

The Department of Military Affairs (DMA), Ministry of Defence (MoD) has prepared a list of 101 items for which there would be an embargo on the import beyond the timeline indicated against them, said a release on Sunday.

"It is estimated that contracts worth almost Rs 4 lakh crore will be placed upon the domestic industry within the next five to seven years. Of these, items worth almost Rs 1,30,000 crore each are anticipated for the Army and the Air Force while items worth almost Rs 1,40,000 crore are anticipated by the Navy over the same period," the defence ministry said.

Bharat Forge, Bharat Electronics, Larsen & Toubro, HAL, Cochin Shipyard, Garden Reach, BHEL, Bharat Dynamics, Mishra Dhatu Nigam and BHEL may bag large contracts with their past records in defence-related production, brokers said.

Defence production related stocks have rallied post-Galwan Valley clash on June 15.

The list of 101 embargoed items comprises not

## On the rise

Defence production related stocks have rallied post-Galwan Valley clash

Company	Current stock price	Stock price on June 15-Galwan Valley clash
HAL	947.90	657.5
Bharat Electronics	99.20	70.9
BHEL	35.25	29.1
BEML	656.35	595.7
Mishra Dhatu Nigam	204.70	195
Bharat Dynamics	419.05	235.55
Cochin Shipyard	331.65	264
Garden Reach Shipbuilders & Engineers	202.40	188.55
Larsen & Toubro	915.70	899.65
Bharat Forge	408.00	340.45

Figures in ₹

Source: BSE, FC Research

just simple parts but also some high technology weapon systems like artillery guns, assault rifles, corvettes, sonar systems, transport aircraft, light combat helicopters (LCHs), radars and many other items.

The list also includes, wheeled armoured fighting vehicles (AFVs) with indicative import embargo date of December 2021, of which the Army is expected to contract almost 200 at an approximate cost of Rs 5,000 crore.

Similarly, the Navy is likely to place demands for submarines with indicative import embargo date of December 2021, of which it expects to contract about six at an approximate cost of Rs 42,000 crore. For the Air Force, it has been decided to enlist the light combat aircraft with an indicative embargo date of December 2020. Of these, 123 are anticipated at an approximate cost of over Rs 85,000

crore, the release said.

The embargo on imports is planned to be progressively implemented between 2020 and 2024. The aim behind promulgation of the list is to apprise the Indian defence industry about the anticipated requirements of the Armed Forces. More such equipment for import embargo would be identified in consultation with all stakeholders, the defence ministry said.

The recently published draft Defence Production and Export Promotion Policy, 2020 suggests a more bottom-up framework to empower system integrators achieve greater scale by expanding the role of the private sector, especially MSMEs. Key objectives include achieving Rs 1.75 lakh crore turnover; including Rs 35,000-crore exports; cutting defence imports; entry in the global defence exports value chain, among others.



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# आत्मनिर्भर भारताचे स्वप्नही साकारेल

## संरक्षण क्षेत्रातील उत्पादकांना विश्वास

म. टा. प्रतिनिधी, पुणे

संरक्षण क्षेत्रासाठी लागणाऱ्या उत्पादनांच्या आयातीवर निर्बंध आणण्याच्या केंद्र सरकारच्या निर्णयाचे उद्योगजगतातून स्वागत होत आहे. या निर्णयामुळे भारतीय उद्योगांना चालना मिळेल, रोजगारांमध्ये वाढ होईल आणि आत्मनिर्भर भारताचे स्वप्नही साकारेल, अशी आशा उद्योजक व्यक्त करीत आहेत.

त्याचबरोबर ही योजना स्वागतार्ह असली, तरी स्थानिक उत्पादनांसाठीच्या निविदा येतील तेव्हा त्यात काय म्हटले आहे, हेदेखील पाहिले जाईल, असा सावध पवित्राही घेतला जात आहे. भारत फोर्जेचे अध्यक्ष व व्यवस्थापकीय संचालक बाबा कल्याणी यांनी या निर्णयाचे स्वागत केले. 'संरक्षण मंत्री राजनाथ सिंह यांनी घेतलेला हा निर्णय अतिशय स्वागतार्ह आहे. या धोरणात्मक निर्णयामुळे आत्मनिर्भर भारत चळवळीला बळ मिळेल; तसेच भारतातील संरक्षण उत्पादकांनाही नवी ऊर्जा मिळेल. त्यातून देशांतर्गत उद्योगांचा विशेषतः सूक्ष्म, लघु व मध्यम उद्योगांचा विकास होईल. त्यातून भारत स्वयंपूर्ण होईल, आयातीवरील खर्चही कमी होईल, परकी चलनाचीही बचत होईल. तसेच स्थानिक पातळीवर रोजगार वाढतील, देशांतर्गत खपही वाढून पाच ट्रिलियन डॉलर होण्याच्या दिशेने आपली वाटचालही सुलभ होईल.

संरक्षण क्षेत्रातील उत्पादनांची गरज पूर्ण करण्यासाठी आम्ही सरकारला सर्वतोपरी सहकार्य करू,' असे कल्याणी यांनी सांगितले.

'संरक्षण क्षेत्रातही आत्मनिर्भर होण्याची ही महत्वाकांक्षी योजना नक्कीच स्वागतार्ह आहे. यामुळे देशातील उद्योजकांना येत्या काही वर्षात सुमारे चार लाख कोटींच्या व्यवसायाची संधी मिळेल. पुणे व परिसरातही संरक्षण उत्पादकांची संख्या लक्षणीय आहे. त्यांनाही या निर्णयाचा निश्चितच लाभ होईल. यातून रोजगारनिर्मितीही होईल. याशिवाय संरक्षण उत्पादन क्षेत्रातील भारतातील बड्या कंपन्यांना परकीय कंपन्यांसोबत धोरणात्मक भागीदारी करून भारतातच उत्पादन केंद्र सुरू करता येईल,' असे मराठा चेंबर ऑफ कॉमर्स इंडस्ट्रीज अँड ॲग्रीकल्चरचे महासंचालक प्रशांत गिरवने यांनी सांगितले.

'आत्मनिर्भर भारत मोहीम व संरक्षण क्षेत्रातील आत्मनिर्भरतेचा हेतू निश्चितच चांगला व स्वागतार्ह आहे. पण त्यावर कार्यवाही कशी होते, यावर खूप काही अवलंबून आहे. त्यामुळे प्रत्यक्षात यासाठीचे इरादापत्र (एक्स्प्रेसन ऑफ इंटरेस्ट) व निविदा निघेल तेव्हा त्यात काय म्हटले आहे, ते पाहिले जाईल. त्यात नमूद केलेल्या गोष्टी भारतात उत्पादित होतात की नाही, व नसल्यास त्यासाठी किती कालमर्यादा दिली जाते यावर त्याचे भवितव्य अवलंबून आहे. संरक्षण उत्पादनात भारत स्वयंपूर्ण व्हावा, यासाठी आम्ही पूर्ण योगदान देण्यास तयार आहोत,' असे डिफेन्स इक्विपमेंट्स मॅन्युफॅक्चरर्स असोसिएशन ऑफ पुणेचे अध्यक्ष शिरीष देशमुख यांनी सांगितले.



**तज्ञांचे मत :** परकीय अवलंबित्व होणार कमी; देशी संरक्षण उद्योगांना चालना

# संरक्षण उत्पादनात आता देश होणार आत्मनिर्भर

निनाद देशमुख ।  
लोकमत न्यूज नेटवर्क

पुणे : संरक्षण मंत्री राजनाथ सिंह यांनी रविवारी महत्वाची घोषणा करत संरक्षण क्षेत्रात भारताला आत्मनिर्भर बनविण्यासाठी १०१ शस्त्रास्त्रांच्या आयातीवर बंदी घातली. यामुळे ही उत्पादने आता देशातच उत्पादित केली जाणार आहे. यामुळे शस्त्रास्त्रांच्या बाबतीत परकीय अवलंबित्व कमी होणार आहे. या सोबतच देशी संरक्षण उद्योगांना चालना मिळणार असून खऱ्या अर्थाने संरक्षण उत्पादनात आत्मनिर्भर होणार आहे. या निर्णयाचे भारतातील उद्योजकांबरोबरच संरक्षण तज्ञांनी स्वागत केले आहे.

सर्वाधिक शस्त्रास्त्र आयात करणारा भारत हा जगातील महत्वाचा देश आहे. अनेक छोट्या मोठ्या शस्त्रास्त्रे आयात केली जात होती. यामुळे देशाच्या संरक्षणाबाबत परदेशावर अवलंबून राहावे लागत होते. यामुळे त्यांची पूर्तता वेळेत होत नसल्याने भारतीय सशस्त्र दलांना अडचणींना सामोरे जावे लागत होते. हे अवलंबित्व कमी करण्यासाठी तसेच भारताच्या संरक्षणा खात्याला मोठ्या



प्रमाणावर उत्पादनासाठी संधी देण्यासाठी मेक इन इंडिया अंतर्गत पंतप्रधान नरेंद्र मोदींनी देशी उद्योगांना संधी देण्याचे जाहीर केले होते. त्यानुसार हा निर्णय घेण्यात आला आहे. आयात बंद केलेल्या १०१ शस्त्रास्त्रात नौदल, वायुदल तसेच लष्कराला लागणाऱ्या महत्वाच्या शस्त्रांचा यात समावेश आहे. भारतीय सशस्त्र दलांनी गेल्या पाच वर्षांत जवळपास ३ लाख कोटींच्या शस्त्रास्त्रांची कंत्राटे दिली होती. हे सर्व शस्त्रे आता देशांतच बनणार आहेत. यामुळे देशातला पैसा देशातच राहणार असून देशी उद्योगाला चालना मिळण्याबरोबरच रोजगार निर्मितीही होणार आहे. या निर्णयामुळे पुढील सहा ते सात वर्षांत भारतातील उत्पादकांना ४ लाख कोटींची कंत्राटे मिळणार आहेत.

## देशी तंत्रज्ञानाचा होणार विकास

संरक्षणातील आत्मनिर्भरतेसाठी हे एक मोठे पाऊल आहे. भारतीय संरक्षण उद्योगाला स्वतःच्या शस्त्रास्त्रांचे प्रारूप आणि त्यांचा विकास करता येणार आहे. यासाठी संरक्षण संशोधन व विकास संघटना (डीआरडीओ) यांनी तयार केलेल्या तंत्रज्ञान भारतीय कंपन्यांकडून तयार करून त्यांचा विकास केल्याने येत्या काळात भारतीय सशस्त्र दलांची शस्त्रांची गरज वेळेेत पूर्ण होईल.

## भारतीय उद्योगांना चालना मिळणार

सामरिक निर्णयामुळे संरक्षण उत्पादनात भारत आत्मनिर्भर होईल. भारतीय संरक्षण उपकरणे आणि उत्पादन उद्योगांना चालना मिळेल. देशांतर्गत उद्योगात विशेषतः एमएसएमई क्षेत्राच्या वाढीमुळे आत्मनिर्भरता वाढेल. आयातीवरील खर्च कमी होईल. परकीय चलनाची बचत होईल. रोजगाराच्या संधी निर्माण होतील. यामुळे भारताचे ५ ट्रिलियन अर्थव्यवस्थेचे उद्दिष्ट गाठले जाईल. -बाबा कल्याणी, सीएमडी, भारत फोर्ज उद्योग समूह

संरक्षण मंत्रालयाने घेतलेला निर्णय खूप महत्वाचा असून यामुळे देशी उद्योगांना चालना मिळेल आणि परकीय अवलंबित्व कमी होऊन देशांतर्गत उत्पादन वाढेल.

- दत्तात्रय शेकटकर,  
निवृत्त लेफ्टनंट जनरल

पंतप्रधानांच्या आत्मनिर्भर योजनेमुळे कोट्यवधींची रक्कम वाचणार असून त्याचा फायदा देशांतर्गत उत्पादन वाढीला मिळणार आहे.

- राजेंद्र निभोरकर,  
निवृत्त लेफ्टनंट जनरल

नागरी उड्डयन क्षेत्रातही या प्रकारच्याच आत्मनिर्भरतेची गरज आहे. यासाठी स्पेस, एअर फोर्स आणि आर्मी एव्हिएशन यांनी एकत्रित येऊन त्या दृष्टीने फायदेशीर ठरणार आहे. याचा फायदा हवाई दलाबरोबरच नागरी उड्डयन क्षेत्राला होईल.

- भूषण गोखले, निवृत्त एअर मार्शल



Headline: [Bharat Forge welcomes India's import ban on select defence items](#)

Domain : UNI

Date: 09.08.2020

Journalist: Bureau

Pune, Aug 9 (UNI) India's leading forging company Bharat Forge on Sunday hailed Union Defence Minister Rajnath Singh's announcement of banning import of 101 defence items.

Welcoming the announcement as a strategic step, Bharat Forge Chairman and MD Baba Kalyani remarked, "The decision will propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry."

"As a result of the move, the domestic sector will grow, leading to getting India closer to achieving 5 trillion economy," he reasoned.

Please log in to get detailed story.

Headline: [India Inc hails defence ministry's move to stop import of 101 defence items](#)

Domain: Live mint

Date: 09.08.2020

Journalist: Elizabeth Roche

The Indian industry on Sunday welcomed the defence ministry's move to stop import of 101 defence items in a phased manner, beginning December 2020, with one representative describing it as a "new glide path" for "AtmaNirbhar Bharat".

In his remarks, Chandrajit Bannerjee, director general of the Confederation of Indian Industry (CII) lobby group welcomed the negative list and the announcement that ₹52,000 crore would be earmarked for procurement from domestic manufacturers.

"The defence minister's announcement for negative import list of defence systems and platforms marks the launch of a 'new glide path' for 'AtmaNirbhar Bharat'," he said.

"The announcement of ₹52,000 crore for domestic capital procurement coupled with the list of 101 items for import embargo gives a tremendous boost to AtmanirbharBharat and indigenous defence manufacturing...We can assure the Defence Minister that the Indian Defence and Aerospace industry will rise to the Challenge and opportunities," Bannerjee added.

In a separate statement, Baba Kalyani, chairman and managing director of Bharat Forge, a leading forging company, said Sunday's announcements were a strategic step that will "propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry".

"The growth of the domestic industry especially the MSME sector, will lead to self-reliance, reduced expenditure on imports, saving of foreign currency, creating job opportunities, revival of consumption and ultimately getting us closer to the common goal of 5 trillion economy. We are committed and will support the Indian Government achieve the goal," a statement quoting Kalyani said.

On Sunday, the defence ministry introduced import embargo on 101 items beyond a given timeline to boost the indigenisation of defence production. "This is a big step towards self-reliance in defence," defence minister Rajnath Singh said in a Twitter post.

On its part, FICCI also welcomed the Sunday announcements describing it as a "great leap forward for AtmanirbharBharat programme in defence production."

The earmarking of ₹52,000 crore for domestic capital procurement "fulfills a request by FICCI Defence Committee to provide long-term visibility on defence procurement plans," SP Shukla, who heads FICCI's defence committee, said in a statement.

**Headline:** [In boost to Atmanirbhar Bharat, India prepares list of embargoed defence import items](#)

**Domain:** The Economic Times

**Date:** 10.08.2020

**Journalist:** Mannu Pubby

In a big push for domestic industry, the defence ministry on Sunday generated a list of 101 military items that will not be imported, with estimates that it would result in generation of orders worth Rs 4 lakh crore for Indian companies within the next seven years.

The embargo list contains major items that were imported in the past, including basic trainer aircraft, artillery, helicopters and small arms. This will open up a large playing field for domestic manufacturers that have been adding capacity for the past six years in response to the Make in India initiative.

The embargo list was announced by defence minister Rajnath Singh who said more equipment would be identified for an import embargo in due course and a coordinated mechanism for handholding of the industry by the defence services to meet requirements will be put in place.

“Almost 260 schemes of such items were contracted by the Tri-Services at an approximate cost of Rs 3.5 lakh crore between April 2015 and August 2020. It is estimated that contracts worth almost Rs 4 lakh crore will be placed upon the domestic industry within the next six to seven years,” Singh said.

Among the major items identified for domestic production are wheeled armoured fighting vehicles (AFVs) with the army expected to order units valued at over Rs 5,000 crore. The navy will order six conventional submarines under its Project 75I valued at Rs 42,000 crore, a process for which is underway. The air force will order 123 of the LCA MK 1A fighter jets in the next few years that will cost over Rs 85,000 crore.

Beyond these large systems, the smaller items on the list will add significant business, especially for mid-sized companies that are also looking to tap the export market. These items include a range of ammunition, small arms and bullet proof equipment, besides several types of naval vessels.

In addition, the defence ministry has earmarked a part of its capital acquisition budget only for purchases from the domestic sector – starting with Rs 52,000 crore this year that will progressive increase in the upcoming budgets. The list contains items on which an embargo on imports will be implemented between 2020 and 2024.

However, sources said that ongoing initiatives like the strategic partnership model will not be impacted as they already fall under the Make in India category. Along with changes in the foreign direct investment (FDI) policy, it is expected that this decision will bring in investments by technology partners to the Indian industry to meet the substantial requirements of the armed forces, besides the potential for exports to friendly nations. The initial response of the industry to the announcement was positive.

“We can assure the defence minister that the Indian defence and aerospace industry will rise to the challenge and opportunities therein. Industry keenly looks forward to more substantive lists of key and critical products and materials which are presently being imported,” Chandrajit Banerjee, director general, Confederation of Indian Industry said. Indian companies that have been creating capacity in the military sector have described the move as critical to the future.



“The growth of the domestic sector will lead to self-reliance, reduced expenditure on imports, saving of foreign currency, creating job opportunities, revival of consumption and ultimately getting us closer to the common goal of \$5 trillion economy,” Baba Kalyani, CMD, Bharat Forge said.

Headline: [Bar on def imports: Unions see red, pvt cos ready with foreign tie-ups](#)

Domain: The Times of India

Date : 10.08.2020

Journalist: Shishir Arya

The government's move to impose an embargo on import of 101 defence items has evoked sharp criticism from a section of unions in the ordnance factories, which feel it may only end up helping the private sector. The unions have already served a strike notice over the government's plan to corporatize the Ordnance Factory Board (OFB). The private sector, on the other hand, sees a major opportunity, as companies are ready with foreign collaborations to start production in India.

A source in Kalyani Group venture Bharat Forge said the company is planning to come up with a project to make small arms ammunition from 5.56mm calibre onwards. The company has worked out tie ups with Australian and Bulgarian manufacturers for the project and an announcement may be made soon. The group is already into making artillery guns. The 155mm howitzer made on the basis of DRDO design is due for trials, which have been held up because of the lockdown and other restrictions on account of Covid. The new policy can also bring opportunities for making naval guns and close in weapon system, said the official.

Wing Commander (retd) Rajesh Dhingra, CEO of Reliance Defence, which has a major set up in Nagpur, said, "The group already has its global tie ups, which can be taken up for production in India. Based on the technological platform available from abroad, products can be customized to Indian needs. The policy is expected to give a major fillip to the Indian industry, boosting domestic production."

Satyanarayan Nuwal, chairman of Solar Industries, which has interests in ammunition manufacture, said the policy will create space for more private players in the segment. Solar Industries is already into making Pinaka rockets, and 30mm ammunition, which are in trial stage at present. Another project on hand grenades is also underway. The policy will give an opportunity for Indian businesses to develop their own technology too, he said.

"The ordnance factories have the capacity and technology to make a number of items in the list but there are not enough orders from the Master General Ordnance (MGO) of the Army. The move to bar imports will lead to private sector companies that have got licences to make defence items moving in. With 74% FDI allowed in the sector, the companies can tie up with foreign entities and start assembling in India," said C Srikumar, general secretary of All India Defence Workers Federation (AIDEF).

The government had come up with a public procurement preference to Make in India in June 2017. Under this, 127 items were notified and another 26 were added in May 2020. The local suppliers will have to be given preference for purchases of these items.

The government should also specifically include OFB in the preference list where we have the capacity to manufacture items, said Mukesh Singh, general secretary of Bhartiya Pratiraksha Mazdoor Sangh (BPMS), the RSS affiliated union. Singh said the BPMS welcomes the decision to bar imports as it will boost indigenization.

Headline: [Bharat Forge welcomes India's import ban on 101 defence items, calls it a 'strategic step'](#)

Domain : Hindustan Times

Date: 09.08.2020

Journalist: Sparshita Saxena

Chairman and managing director Baba Kalyani called the decision a strategic step that will “propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry”.

Baba Kalyani, chairman and managing director of Bharat Forge, India's leading forging company, welcomed Defence Minister Rajnath Singh's announcement of banning import 101 defence items in a bid to bolster PM Modi's resolve of making India self-reliant or Atmanirbhar.

Kalyani called the decision a strategic step that will “propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry”. Kalyani further said that as a result of the move, the domestic sector will grow, leading to getting India closer to achieving 5 trillion economy.

“We at Kalyani Group, welcome the move announced by the honourable Union Minister, Rajnath Singh, this strategic step will propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry,” the statement read.

Also read: From big guns to missiles, India bans import of 101 defence items to boost self reliance

After today's announcement, the government is set to introduce an import embargo on 101 items beyond a given timeline to boost the indigenisation of defence production. The ministry has prepared a list of 101 items for which there would be an embargo on the import beyond the timeline indicated against them. “This is a big step towards self-reliance in defence,” Singh said.

The list includes guns to missiles and what Singh described as equipment that will fulfil “needs of our defence services” such as “high tech weapon systems like artillery guns, assault rifles, corvettes, sonar systems, transport aircraft, LCHs, radars & many other items”.



Headline: [India's negative defence import list has some hits, some misses & quite a bit of confusion](#)

Domain: The Print

Date: 10.08.2020

Journalist: Snehash Alex Philip

India's new negative import list for defence systems, unveiled by Defence Minister Rajnath Singh Sunday, includes quite a few important items, such as assault rifles, snipers, light machine guns, wheeled armoured fighting vehicles (AFVs) and ultralight howitzers.

But it also misses out others like lightweight tanks and carbines, which could mean India ends up importing some products that are already available domestically, or are being worked upon.

The negative list has also thrown up some surprises, with the defence ministry stating that the Indian Air Force is looking at 123 Light Combat Aircraft Mark 1A, rather than 83, as earlier anticipated. Ministry sources said this is an indicated number for a period of five to seven years.

However, industry sources said the ministry is possibly adding up the 83 Mk1As with the 40 already ordered in the initial configuration, though they added that the figure mentioned for the deal, "over Rs 85,000 crore", is steep.

Confusion and apprehension

Many foreign Original Equipment Manufacturers (OEMs) and even domestic players are confused on a number of issues and projects and are waiting for the finer details to come out to understand how India's new procurement process will work.

This is because many of the items manufactured in the country, including the LCA, have foreign components whose technology is not available in India.

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A study of the 101 items put in the negative list shows that over one-fourth of items are already manufactured in India and have not been imported for a long time, including a number of naval vessels and systems.

The items in the negative list include those which are exclusively manufactured in India and have no foreign options, including the LCA Mk1A and Light Combat Helicopters, both manufactured by the state-run Hindustan Aeronautics Limited (HAL).

There is also an increasing feeling that the majority of the contracts will actually end up going to defence PSUs and entities, leaving little for the private players.

What Army, Navy & Air Force will get

Giving details of the break-up of funds, the defence ministry said contracts worth almost Rs 4 lakh crore will be placed with the domestic industry in the next six to seven years.

Of these, items worth almost Rs 1,30,000 crore each are likely to be procured for the Army and the Air Force, while the figure for the Navy is almost Rs 1,40,000 crore.

The Navy is likely to procure submarines, with an indicative import embargo date — the date from which the import ban is to be in place — of December 2021. It expects to contract about six submarines at an approximate cost of almost Rs 42,000 crore, the ministry said. This is the long-pending P75I project, and the front-runners to bag this contract under the strategic partnership are state-run MDL and private player L&T.

For the Air Force, the ministry has decided to enlist the LCA MK 1A with an indicative embargo date of December 2020.

“Of these, 123 are anticipated at an approximate cost of over Rs 85,000 crore. Hence, there are highly complex platforms that are included in the list of 101 items,” the defence ministry said in a statement.

The ministry sources also sought to allay fears that since many systems have an embargo date of up to 2025, the armed forces will import all their demand by then, saying it is “incorrect to infer the same”.

“But operational requirements will always supersede any negative list. Even in small arms, the negative list has left out the 9mm and 5.56 mm carbines, even though they are available in India now,” an industry source said.

#### The hits

Another industry source pointed out that self-propelled guns and towed artillery are already manufactured in India, and that the mention of lightweight howitzers is a welcome step, because domestic players like Bharat Forge have already developed the systems.

Another important addition to the list is wheeled armoured fighting vehicles, which have an embargo date of December 2021.

The Army is currently looking to choose from three different vehicles, including the indigenous Tata Wheeled Armoured Protection, along with American Stryker Infantry Combat Vehicle, and Humvee.

This being put on the negative list could mean the contract will go to the Indian player, Tata.

#### The misses

The surprising misses from the list are the much talked about lightweight tanks and carbines.

The Army has shown interest in lightweight tanks and is involved in technical talks with Russia for its Sprut SDMI tanks. The miss is surprising because the DRDO is already working with private player L&T to make this tank, and a prototype is expected in the next 18 months.

On the procurement of carbines, the Army is likely to seal a contract with a UAE firm, much to the chagrin of domestic private firms who have come up with products of their own.

“If light machine guns and snipers can be put in the negative list, why can’t other small arms?” an industry source questioned.

Announcing a series of far-reaching reforms for the defence sector, taking to Twitter, Defence Minister Rajnath Singh said “the Ministry of Defence has prepared a list of 101 items for which there would be an embargo on the import beyond the timeline indicated against them. This is a big step towards self-reliance in defence”. These measures are on the lines to promote indigenous weapons over expensive foreign makes to boost indigenisation of defence production under ‘Atmanirbhar Bharat’ initiative.

Eying on contracts worth Rs 4 lakh crore

In a series of tweets, Defence Minister made some major announcements and said that following the embargo on certain defence imports, it is estimated that contracts worth almost Rs. 4 lakh crore will be placed upon the domestic industry within the next 6 to 7 years.

“The list is prepared by MoD after several rounds of consultations with all stakeholders, including the Armed Forces, public and private industry to assess current and future capabilities of the Indian industry for manufacturing various ammunition & equipment within India. Almost 260 schemes of such items were contracted by the Tri-Services at an approximate cost of Rs 3.5 lakh crore between April 2015 and August 2020. It is estimated that contracts worth almost Rs 4 lakh crore will be placed upon the domestic industry within the next 6 to 7 years,” Singh posted on the micro-blogging site.

Items worth almost Rs 1,30,000 crore for Army, Air force, and 1,40,000 crore for Navy

“Of the total, items worth almost Rs 1,30,000 crore each are anticipated for the Army and the Air Force while items worth almost Rs 1,40,000 crore are anticipated by the Navy over the same period, the Minister announced.

“The list also includes, wheeled Armoured Fighting Vehicles (AFVs) with indicative import embargo date of December 2021, of which the Army is expected to contract almost 200 at an approximate cost of over Rs 5,000 crore,” he added.

Embargo on imports till 2024

Continuing to provide details, Singh said: “The embargo on imports is planned to be progressively implemented between 2020 to 2024. Our aim is to apprise the Indian defence industry about the anticipated requirements of the Armed Forces so that they are better prepared to realise the goal of indigenisation.” He added, “All necessary steps would be taken to ensure that timelines for production of equipment as per the Negative Import List are met, which will include a co-ordinated mechanism for handholding of the industry by the Defence Services.”

More equipment for import embargo

The Defence Minister said that more such equipment for import embargo would be identified progressively by the DMA in consultation with all stakeholders. “A due note of this will also be made in the DAP to ensure that no item in the negative list is processed for import in the future,” he said.

Separate budgetary head for domestic capital procurement



In an important step, the MoD has bifurcated the capital procurement budget for 2020-21 between domestic and foreign capital procurement routes. A separate budget head has been created with an outlay of nearly Rs 52,000 crore for domestic capital procurement in the current financial year.

“MoD has also bifurcated the capital procurement budget for 2020-21 between domestic and foreign capital procurement routes. A separate budget head has been created with an outlay of nearly Rs 52,000 crore for domestic capital procurement in the current financial year,” Singh added in his tweet.

#### Better opportunity to indigenous defence industry

The announcements are on the lines of the decision of Modi government which was pronounced on 16 May by Finance Minister Nirmala Sitharaman in which she said the government would make separate budgetary provisions for procuring Indian made defence equipment to help reduce the defence import bills as well as to give a booster dose to Make in India scheme a super success post-COVID-19 pandemic. She also informed that the government would come out with a negative list of weapons that can be banned from imports.

Echoing Prime Minister Narendra Modi's 12 May clarion call for a self-reliant India based on the five pillars, i.e., Economy, Infrastructure, System, Demography and Demand and announced a special economic package for Self-Reliant India named 'Atmanirbhar Bharat', Defence Minister also said that the “decision will offer a great opportunity to the Indian defence industry to manufacture the items in the negative list by using their own design and development capabilities or adopting the technologies designed & developed by DRDO to meet the requirements of the Armed Forces.”

The list is prepared by MoD after several rounds of consultations with all stakeholders, including Army, Air Force, Navy, DRDO, Defence Public Sector Undertakings (DPSUs), Ordnance Factory Board (OFB) and private industry to assess current and future capabilities of the Indian industry for manufacturing various ammunition/weapons/platforms/equipment within India.

Meanwhile, the Indian industry has welcomed the government's announcement. In a statement, Bharat Forge Chairman Baba Kalyani said “The Kalyani Group welcomes announcement by the honorable Union Minister, Rajnath Singh. This strategic step will accelerate the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry. The growth of the domestic industry especially the MSME sector will lead to self-reliance, reduced expenditure on imports, saving of foreign currency, creating job opportunities, revival of consumption and ultimately getting us closer to the common goal of 5 trillion economy. We are committed and will support the Indian Government to achieve the goal.”

Here is the first of 101 Defence Weapons/Platforms Recommended for Import Embargo with effect from December 2020

<u>SNo</u>	<u>Name of Platform/ Weapon/ System/ Equipment/</u>	<u>Indicative Year- Import Embargo</u>
1.	120mm Fin Stabilised Armour Piercing Discarding Sabot (FSAPDS) Mark II Ammunition	Dec 2020
2.	7.62×51 Sniper Rifle	Dec 2020

3.	Tracked Self Propelled (SP) Gun (155mm x 52 Cal)	Dec 2020
4.	Towed Artillery Gun (155mm x 52 Cal)	Dec 2020
5.	Short Range Surface to Air Missiles (Land variant)	Dec 2020
6.	Shipborne Cruise Missiles	Dec 2020
7.	Multi Barrel Rocket Launcher (MBRL) (Pinaka Variant)	Dec 2020
8.	Simulators Presenting Smart Ranges And Multi-Function Targets	Dec 2020
9.	Battalion Support Weapons Simulators	Dec 2020
10.	Container-based Simulators for Live Fire Training	Dec 2020
11.	Tailor-made Simulators for Counter Insurgency (CI)/Counter Terrorism (CT) based Training	Dec 2020
12.	Force-on-force Live Tactical Simulators / Infantry Weapon	Dec 2020
13.	Tank Simulators (driving, as well as, crew gunnery)	Dec 2020
14.	155mm/39 Cal Ultra-Light Howitzer	Dec 2020
15.	Successor of Flycatcher & Upgraded Super Fledermaus (USFM) / Air Defence Fire Control Radar (ADFCR)	Dec 2020
16.	Component Level Repair Facility for Tank T-90	Dec 2020
17.	Shipborne Close in Weapon System	Dec 2020

18.	Bullet Proof Jackets	Dec 2020
19.	Ballistic Helmets	Dec 2020
20.	Missile Destroyers	Dec 2020
21.	Multi-Purpose Vessel	Dec 2020
22.	Offshore Patrol Vessel	Dec 2020
23.	Next Generation Missile Vessels	Dec 2020
24.	Anti-Submarine Warfare Shallow Water Crafts	Dec 2020
<b><u>SNo</u></b>	<b><u>Name of Platform/ Weapon/ System/ Equipment/</u></b>	<b><u>Indicative Year- Import Embargo</u></b>
25.	Water Jet Fast Attack Craft	Dec 2020
26.	Ammunition Barges	Dec 2020
27.	50ton Bollard – Pull Tugs	Dec 2020
28.	Survey Vessels	Dec 2020
29.	Floating Dock	Dec 2020
30.	Diving Support Vessels	Dec 2020
31.	Pollution Control Vessels	Dec 2020
32.	Anti-Submarine Rocket Launchers	Dec 2020

33.	Shipborne Medium Range Gun	Dec 2020
34.	Torpedo Tube Launcher for Light Weight Torpedoes	Dec 2020
35.	Magneto – Rheological Anti Vibration Mounts	Dec 2020
36.	All variants of Depth Charges	Dec 2020
37.	Shipborne Sonar System for Large Ships	Dec 2020
38.	Hull Mounted Submarine Sonar	Dec 2020
39.	Short Range Maritime Reconnaissance Aircraft	Dec 2020
40.	Anti-Submarine Rocket	Dec 2020
41.	Chaff Rockets	Dec 2020
42.	Chaff Rocket Launcher	Dec 2020
43.	Integrated Ship's Bridge System	Dec 2020
44.	Light Combat Aircraft (LCA) MK I A – Enhanced Indigenised Content	Dec 2020
45.	Light Combat Helicopters	Dec 2020
46.	General Purpose Pre Fragmentation Bombs between 250-500 Kg	Dec 2020
47.	Radar Warning Receiver (RWR) for Transport Aircraft	Dec 2020



48.	Ground Based Mobile ELINT System	Dec 2020
49.	Transport Aircraft (Light)	Dec 2020
50.	GSAT-6 Satellite Terminals	Dec 2020
51.	Aerial Delivery Systems for Transport Aircraft	Dec 2020
52.	Digital Tropo Scatter/LOS Communication System	Dec 2020
53.	Low Level Transportable Radar	Dec 2020
54.	High Power Radar (HPR)	Dec 2020
55.	CBRN Detection & Monitoring System	Dec 2020
56.	CBRN Decontamination & Protection System	Dec 2020
57.	Parachute Tactical Assault (PTA)- G2	Dec 2020
58.	Dragunov Upgrade System	Dec 2020
59.	PKMG Upgrade System	Dec 2020
60.	Simulators for A Vehicles / B Vehicles	Dec 2020
61.	Simulators for Towed and Self Propelled Guns of Air Defence	Dec 2020
62.	Simulators for Correction of Fire by Observers	Dec 2020
63.	Military trucks of 4x4 and above variants: 12x12, 10x10, 8x8, 6x6	Dec 2020
64.	Fixed Wing Mini UAVs	Dec 2020
65.	500 Ton Self Propelled Water Barges	Dec 2020
66.	Software Defined Radio (TAC) for IN	Dec 2020

67.	Next-Generation Maritime Mobile Coastal Battery (Long Range)	Dec 2020
68.	Advance Landing Ground Communication Terminals (ALGCTs)for AGLs	Dec 2020
69.	Field Artillery Tractor (FAT) 6X6 for Medium Guns	Dec 2020

**With Effect From Dec 2021**

<b><u>SNo</u></b>	<b><u>Name of Platform/ Weapon/ System/ Equipment/</u></b>	<b><u>Indicative Year- Import Embargo</u></b>
70.	Wheeled Armoured Fighting Vehicle (AFV)	Dec 2021
71.	Light Machine Gun	Dec 2021
72.	125 mm Fin Stabilised Armour Piercing Discarding Sabot (FSAPDS) New Generation Ammunition	Dec 2021
73.	Assault Rifle 7.62 x 39mm	Dec 2021
74.	30 mm Ammunition for Infantry Fighting Systems	Dec 2021
75.	Mine Fragmentation	Dec 2021
76.	Mine Anti-tank	Dec 2021
77.	Mine Anti-Personnel Blast	Dec 2021
78.	Multipurpose Grenade	Dec 2021
79.	Inertial Navigation System for Ship Application	Dec 2021
80.	Conventional Submarines	Dec 2021

**Dec 2022 Onwards**

81.	40mm UBGL (Under Barrel Grenade Launcher)	Dec 2022
82.	Lightweight Rocket Launcher	Dec 2022
83.	155 mm Artillery Ammunition	Dec 2022
84.	EW Systems	Dec 2022
85.	Material Handling Crane 2.5 to 7.5 Tons (Vehicle Mounted)	Dec 2023
86.	GRAD BM Rocket	Dec 2023
87.	30MM HEI/HET	Dec 2023
88.	ASTRA-MK I Beyond Visual Range Air to Air Missile (BVR AAM)	Dec 2023
89.	EW Suit for MI-17 V5	Dec 2023
90.	Communication Satellite GSAT-7C	Dec 2023
91.	Satellite GSAT 7R	Dec 2023
92.	Basic Trainer Aircraft (BTA)	Dec 2023
93.	Expendable Aerial Targets	Dec 2024
94.	Small Jet Engines with 120kgf thrust	Dec 2024
95.	Light Low Level Terrain Radar (LLLWR)	Dec 2024

<b>96.</b>	<b>Close in Weapon System (Land based)</b>	<b>Dec 2024</b>
<b>97.</b>	<b>23 mm ZU Ammunitions</b>	<b>Dec 2024</b>
<b>98.</b>	<b>30mm VOG 17</b>	<b>Dec 2024</b>
<b>99.</b>	<b>Electronic Fuses for Artillery Ammunitions</b>	<b>Dec 2024</b>
<b>100.</b>	<b>Bi- Modular Charge System (BMCS )</b>	<b>Dec 2024</b>
<b>101.</b>	<b>Long Range – Land Attack Cruise Missile</b>	<b>Dec 2025</b>



Headline: [Defence Ministry's mega self-reliance push](#)

Domain: The Daily Guardian

Date: 10.08.2020

Journalist: Ashish Singh

Prime Minister Narendra Modi in his address to the nation on 12 May 2020 had given a clarion call for a self-reliant India based on the five pillars, i.e., Economy, Infrastructure, System, Demography & Demand and announced a special economic package for self-reliant India named 'Aatmanirbhar Bharat'. Taking cue from that evocation, the Department of Military Affairs (DMA), Ministry of Defence (MoD) has prepared a list of 101 items for which there would be an embargo on the import.

This is a big step towards self-reliance in defence. It also offers a great opportunity to the Indian defence industry to rise to the occasion to manufacture the items in the negative list by using their own design and development capabilities or adopting the technologies designed and developed by Defence Research and Development Organisation (DRDO) to meet the requirements of the Armed Forces in the coming years. The list is prepared by the MoD after several rounds of consultations with all stakeholders, including Army, Air Force, Navy, DRDO, Defence Public Sector Undertakings (DPSUs), Ordnance Factory Board (OFB) and private industry to assess current and future capabilities of the Indian industry for manufacturing various ammunition/ weapons/platforms/equipment within India.

Almost 260 schemes of such items were contracted by the TriServices at an approximate cost of Rs 3.5 lakh crore between April 2015 and August 2020. With latest embargo on import of 101 items, it is estimated that contracts worth almost Rs 4 lakh crore will be placed upon the domestic industry within the next five to seven years. Of these, items worth almost Rs 1,30,000 crore each are anticipated for the Army and the Air Force while items worth almost Rs 1,40,000 crore are anticipated by the Navy over the same period. The list of 101 embargoed items comprises of not just simple parts but also some high technology weapon systems like artillery guns, assault rifles, corvettes, sonar systems, transport aircrafts, light combat helicopters (LCHs), radars and many other items to fulfil the needs of our Defence Services. The list also includes, wheeled armoured fighting vehicles (AFVs) with indicative import embargo date of December 2021, of which the Army is expected to contract almost 200 at an approximate cost of over Rs 5,000 crore. Similarly, the Navy is likely to place demands for submarines with indicative import embargo date of December 2021, of which it expects to contract about six at an approximate cost of almost Rs 42,000 crore. For the Air Force, it is decided to enlist the light combat aircraft LCA MK 1A with an indicative embargo date of December 2020. Of these, 123 are anticipated at an approximate cost of over Rs 85,000 crore. Hence, there are highly complex platforms that are included in the list of 101 items, of which details of three examples are given above.

On this announcement, Mr. Baba Kalyani, CMD, Bharat Forge said, "We at Kalyani Group, welcome the move announced by the honourable Union Minister, Rajnath Singh, this strategic step will propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry. The growth of the domestic sector will lead to self-reliance, reduced expenditure on imports, saving of foreign currency, creating job opportunities, revival of consumption and ultimately getting us closer to the common goal of 5 trillion economy. We are committed and will support the Indian Government achieve the goal."

The embargo on imports is planned to be progressively implemented between 2020 and 2024. The aim behind promulgation of the list is to appraise the Indian defence industry about the anticipated requirements of the Armed Forces so that they are better prepared to realise the goal of indigenisation.

The MoD has adopted many progressive measures to encourage and facilitate 'Ease of Doing Business' by the defence Production entities. All necessary steps would be taken to ensure that timelines for production of equipment as per the Negative Import List are met, which will include a coordinated mechanism for hand holding of the industry by the Defence Services. More such equipment for import embargo would be identified progressively by the DMA in consultation with all stakeholders. A due note of this will also be made in the Defence Acquisition Procedure (DAP) to ensure that no item in the negative list is processed for import in the future.

In another relevant step, the MoD has bifurcated the capital procurement budget for 2020-21 between domestic and foreign capital procurement routes. A separate budget head has been created with an outlay of nearly Rs 52,000 crore for domestic capital procurement in the current financial year.

Headline: [Bharat Forge Welcomes India's Import Embargo on 101 Defence Items](#)

Domain: Force India

Date: 10.08.2020

Journalist: Bureau

*Calls it a strategic step bolstering Indian defence equipment manufacturing industry*

Bharat Forge, India's leading forging company has welcomed Defence Minister Rajnath Singh's announcement of banning import 101 defence items in a bid to bolster PM Modi's resolve of making India self-reliant or Atmanirbhar.

"This strategic step will accelerate the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry. The growth of the domestic industry especially the MSME sector, will lead to self-reliance, reduced expenditure on imports, saving of foreign currency, creating job opportunities, revival of consumption and ultimately getting us closer to the common goal of 5 trillion economy. We are committed and will support the Indian Government achieve the goal," Chairman and managing director Baba Kalyani said in an official statement.

The Ministry of Defence (MoD) on 9 August 2020 revealed an import embargo list containing 101 items, with the first set of ban to be implemented starting December 2020.

This will be followed by another set from December 2021 and a third from December 2022.

The list includes "not just simple parts but also some high technology weapon systems like artillery guns, assault rifles, corvettes, sonar systems, transport aircrafts, radars and many other items to fulfil the needs of our defence services" defence minister Rajnath Singh announced in a series of tweets on Sunday.

The list contains several platform, weapon, system, equipment including multi-barrel rocket launcher, 7.62\*51 sniper rifle, shipborne cruise missile, short-range land surface to air missiles (Land variant), battalion support weapon systems, tank simulators ( driving as well as crew gunnery), tracked self propelled gun among others.

Light Combat Helicopters, Ground-based ELINT system, GSAT 6 satellite terminal, Chaff rocket launcher, chaff rockets also bag a spot on the list.

"The list also includes, wheeled Armoured Fighting Vehicles (AFVs) with indicative import embargo date of December 2021, of which the Army is expected to contract almost 200 at an approximate cost of over Rs 5,000 crore," read one of the tweets of the defence minister.

According to Singh, this decision will offer a great opportunity to the Indian defence industry to "manufacture the items in the negative list by using their own design and development capabilities or adopting the technologies designed & developed by DRDO to meet the requirements of the Armed Forces."

The negative list includes platforms like armored fighting vehicles, transport aircraft, corvettes etc. It is however not clear if the system which goes inside these platforms – engines, propulsion systems and AFV weapons – will be imported and assembled in India.

With respect to transport aircraft, MoD's draft DPP 2020 has already proposed the option of leasing. It is expected that the transport aircraft will be leased rather than being indigenously made.

Meanwhile, according to the defence ministry, it is estimated that contracts worth almost Rs 4 lakh crore will be placed upon the domestic industry within the next 6 to 7 years. MoD has also bifurcated the capital procurement budget for 2020-21 between domestic and foreign capital procurement routes.

"A separate budget head has been created with an outlay of nearly Rs 52,000 crore for domestic capital procurement in the current financial year, Singh tweeted.



Headline: [Bharat Forge welcomes India's import ban on select defence items](#)

Domain: Defence Aviation Post

Date: 10.08.2020

Journalist: Bureau

India's leading forging company Bharat Forge on Sunday hailed Union Defence Minister Rajnath Singh's announcement of banning import of 101 defence items.

Welcoming the announcement as a strategic step, Bharat Forge Chairman and MD Baba Kalyani remarked, "The decision will propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry."

"As a result of the move, the domestic sector will grow, leading to getting India closer to achieving 5 trillion economy," he reasoned.

Headline: [Will lead us closer to \\$5tn economy: Bharat Forge on 101 defence items' import ban](#)

Domain: Inshorts - Stay Informed

Date: 09.08.2020

Journalist: Pragya Swastik

Baba Kalyani, Chairman and Managing Director of Pune-based forging company Bharat Forge, welcomed Defence Minister Rajnath Singh's announcement of banning import of 101 defence items. Kalyani said as a result of the move, the domestic sector will grow, leading to getting India closer to achieving a \$5-trillion economy. "This strategic step will propel the Atmanirbhar Bharat narrative," he added.

<b>Headline:</b> <a href="#"><u>Bharat Forge's Baba Kalyani Welcomes India's Import Ban On 101 Defence Items, Calls It A 'Strategic Step' Monday, August 10, 2020 by Indian Defence News</u></a>	<b>Domain:</b> Indian Defence News
<b>Date:</b> 10.08.2020	<b>Journalist:</b> Indian Defence News

Chairman and managing director Baba Kalyani called the decision a strategic step that will “propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry”

Baba Kalyani, chairman and managing director of Bharat Forge, India’s leading forging company, welcomed Defence Minister Rajnath Singh’s announcement of banning import 101 defence items in a bid to bolster PM Modi’s resolve of making India self-reliant or Atmanirbhar.

Kalyani called the decision a strategic step that will “propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry”. Kalyani further said that as a result of the move, the domestic sector will grow, leading to getting India closer to achieving 5 trillion economy.

“We at Kalyani Group, welcome the move announced by the honourable Union Minister, Rajnath Singh, this strategic step will propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry,” the statement read.

After today’s announcement, the government is set to introduce an import embargo on 101 items beyond a given timeline to boost the indigenisation of defence production. The ministry has prepared a list of 101 items for which there would be an embargo on the import beyond the timeline indicated against them. “This is a big step towards self-reliance in defence,” Singh said.

The list includes guns to missiles and what Singh described as equipment that will fulfil “needs of our defence services” such as “high tech weapon systems like artillery guns, assault rifles, corvettes, sonar systems, transport aircraft, LCHs, radars & many other items”.

Headline: [Industry welcomes Defence Ministry's move to stop import of 101 defence items in phased manner](#)

Domain: Rajya Sabha TV

Date: 10.08.2020

Journalist: PTI

Indian industry has welcomed the defence ministry's move to stop the import of 101 defence items in a phased manner. Defence Minister Rajnath Singh yesterday announced to put 101 items on import embargo to boost indigenisation of defence production.

Confederation of Indian Industry (CII) director general Chandrajit Bannerjee welcomed the curbs and the announcement that 52,000 crore rupees will be earmarked for procurement from domestic manufacturers. He said defence minister's announcement for negative import list of defence systems and platforms marks the launch of a 'new glide path' for AtmaNirbhar Bharat.

FICCI has described it a great leap forward for Atmanirbhar Bharat program in defence production. FICCI's defence committee head SP Shukla said earmarking of 52,000 crore rupees for domestic capital procurement fulfils a request by the industry chamber to provide long-term visibility on defence procurement plans. Chairman and managing director of Bharat Forge Baba Kalyani said the announcement is a strategic step that will propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry.

He said the growth of the domestic industry especially the MSME sector, will lead to self-reliance, reduced expenditure on imports, saving of foreign currency, creating job opportunities, the revival of consumption and ultimately getting us closer to the common goal of 5 trillion economies.



Headline: [Industry welcomes Defence Ministry's move to stop import of 101 defence items](#)

Domain: DD News

Date: 10.08.2020

Journalist: Bureau

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Headline: [Bharat Forge welcomes India's import ban on 101 defence items, calls it a 'strategic step'](#)

Domain: Pepper tales

Date: 09.08.2020

Journalist: Bureau

Baba Kalyani, chairman and managing director of Bharat Forge, India's leading forging company, welcomed Defence Minister Rajnath Singh's announcement of banning import 101 defence items in a bid to bolster PM Modi's resolve of making India self-reliant or Atmanirbhar.

Kalyani called the decision a strategic step that will "propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry". Kalyani further said that as a result of the move, the domestic sector will grow, leading to getting India closer to achieving 5 trillion economy.

"We at Kalyani Group, welcome the move announced by the honourable Union Minister, Rajnath Singh, this strategic step will propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry," the statement read.

After today's announcement, the government is set to introduce an import embargo on 101 items beyond a given timeline to boost the indigenisation of defence production. The ministry has prepared a list of 101 items for which there would be an embargo on the import beyond the timeline indicated against them. "This is a big step towards self-reliance in defence," Singh said.

The list includes guns to missiles and what Singh described as equipment that will fulfil "needs of our defence services" such as "high tech weapon systems like artillery guns, assault rifles, corvettes, sonar systems, transport aircraft, LCHs, radars & many other items".

Headline : [Industry welcomes Defence Ministry's move to stop import of 101 defence items in phased manner](#)

Domain : News On Air

Date: 10.08.2020

Journalist: Bureau

Indian industry has welcomed the defence ministry's move to stop import of 101 defence items in a phased manner. Defence Minister Rajnath Singh yesterday announced to put 101 items on import embargo to boost indigenisation of defence production.

Confederation of Indian Industry (CII) director general Chandrajit Bannerjee welcomed the curbs and the announcement that 52,000 crore rupees will be earmarked for procurement from domestic manufacturers. He said, defence minister's announcement for negative import list of defence systems and platforms marks the launch of a 'new glide path' for AtmaNirbhar Bharat.

FICCI has described it a great leap forward for Atmanirbhar Bharat program in defence production. FICCI's defence committee head SP Shukla said earmarking of 52,000 crore rupees for domestic capital procurement fulfils a request by the industry chamber to provide long-term visibility on defence procurement plans. Chairman and managing director of Bharat Forge Baba Kalyani said the announcement is a strategic step that will propel the Atmanirbhar Bharat narrative and bolster Indian defence equipment manufacturing industry.

He said the growth of the domestic industry especially the MSME sector, will lead to self-reliance, reduced expenditure on imports, saving of foreign currency, creating job opportunities, revival of consumption and ultimately getting us closer to the common goal of 5 trillion economy.

**Broadcast Coverage – Quote shared on Import List embargo**

**August 10, 2020**

No.	Publication/Portal	Headline	Date
1	Aaj Tak	<a href="#">Video Byte</a>	09.08.2020
2	CNBC TV 18	<a href="#">Video Byte</a>	10.08.2020
3	ET Now	<a href="#">Video Byte</a>	10.08.2020
4	CNBC Awaaz	<a href="#">Video Byte</a>	10.08.2020
5	ABP News	<a href="#">Video Byte</a>	10.08.2020

Headline: [Video Byte](#)

Domain: Aaj Tak

Date: 09.08.2020

Journalist: Bureau

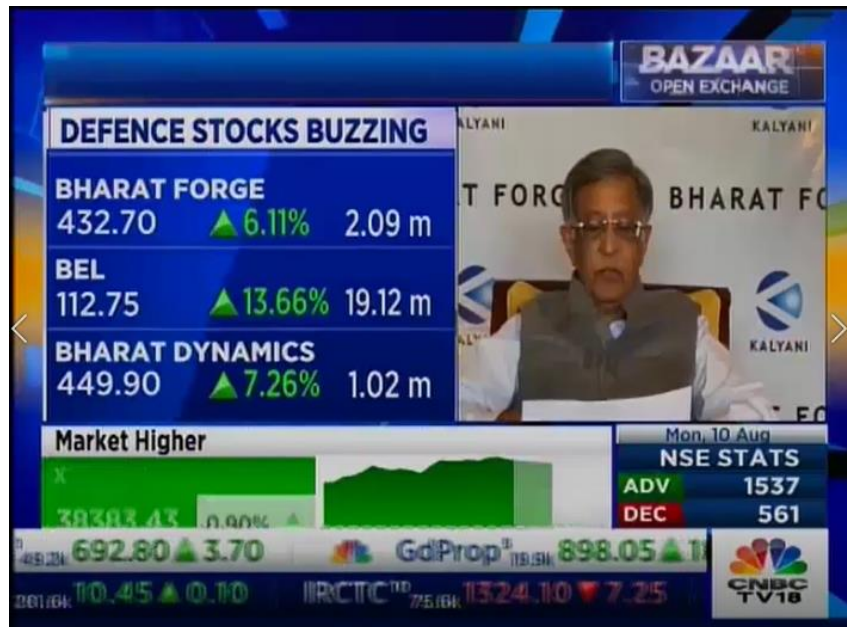


Headline: [Video Byte](#)

Domain: CNBC TV 18

Date: 10.08.2020

Journalist: Bureau





Headline: [Video Byte](#)

Domain: ET Now

Date: 10.08.2020

Journalist: Bureau

**COMING UP**

**DETAILS OF INDIA'S LARGEST REALTY PORTFOLIO BUYOUT**

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Headline: [Video Byte](#)

Domain: CNBC Awaaz

Date: 10.08.2020

Journalist: Bureau



Headline: [Video Byte](#)

Domain: ABP News

Date: 10.08.2020

Journalist: Bureau



**Twitter Coverage – Quote shared on Import List embargo**

**August 10, 2020**

No.	Influencer / Publication	Link	Date
1	Hindustan Times	<a href="https://twitter.com/htTweets/status/1292453495375708162">https://twitter.com/htTweets/status/1292453495375708162</a>	09.08.2020
2	Hindustan Times	<a href="https://twitter.com/htTweets/status/1292372104323543041">https://twitter.com/htTweets/status/1292372104323543041</a>	09.08.2020
3	Livelist	<a href="https://twitter.com/livelist/status/1292491663097491458">https://twitter.com/livelist/status/1292491663097491458</a>	09.08.2020
4	Vayu Aerospace Review	<a href="https://twitter.com/ReviewVayu/status/1292358861416849408">https://twitter.com/ReviewVayu/status/1292358861416849408</a>	09.08.2020
5	Neeraj Rajput	<a href="https://twitter.com/neeraj_rajpud/status/1292362701268688897">https://twitter.com/neeraj_rajpud/status/1292362701268688897</a>	



Date: 09.08.2020

Domain: Hindustan Times

Link: <https://twitter.com/htTweets/status/1292372104323543041>





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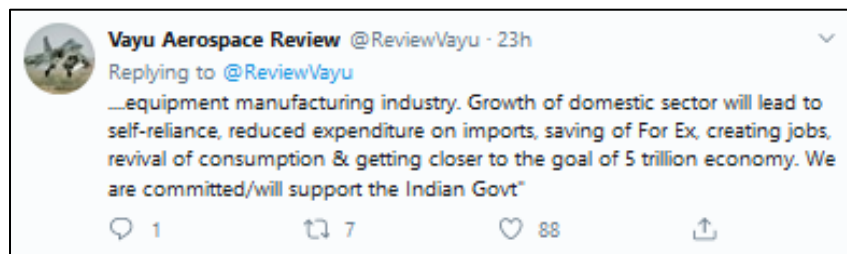
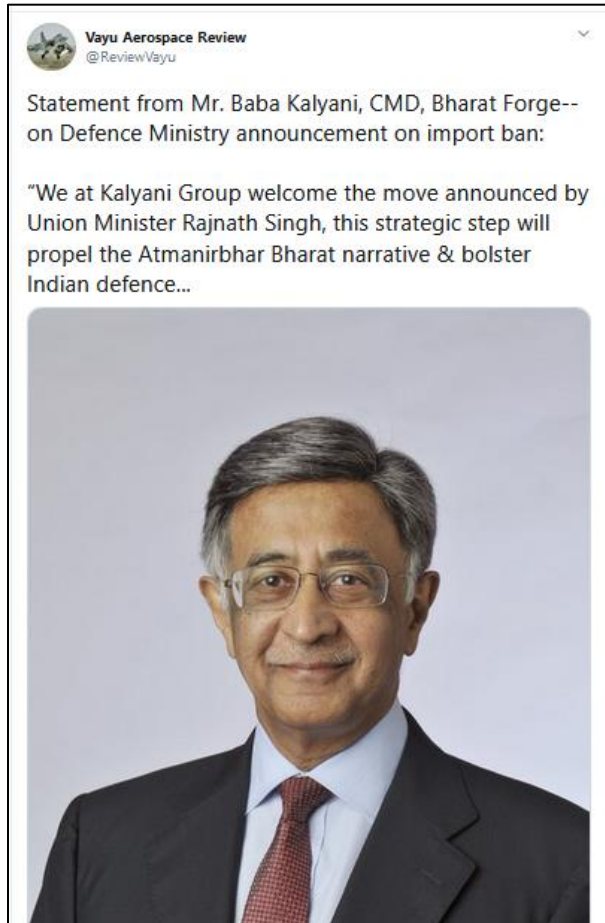
India's Kalyani Group has been waiting in the wings with products ranging from artillery to combat vehicles to precision ammunition. The company is among several that stand to benefit from today's MoD import ban list. Statement just in from Kalyani Group chief Baba Kalyani:



9:33 PM · Aug 9, 2020 · [Twitter Web App](#)

263 Retweets 1.1K Likes 8 Quotes





Date: 09.08.2020

Influencer: Neeraj Rajput

Link: [https://twitter.com/neeraj\\_rajpud/status/1292362701268688897](https://twitter.com/neeraj_rajpud/status/1292362701268688897)

**Neeraj Rajput**  
@neeraj\_rajpud

We at #Kalyani Group, welcome the move announced by the honourable @rajnathsingh this strategic step will propel the #AtmaNirbharBharat narrative and bolster Indian defence equipment manufacturing industry.  
---Baba Kalyani, CMD, Bharat Forge

1:00 PM · Aug 9, 2020 · [Twitter for Android](#)

14 Retweets 119 Likes



**Neeraj Rajput** @neeraj\_rajpud · 23h  
Replying to @neeraj\_rajpud

Growth of domestic sector will lead to self-reliance, reduced expenditure on imports, saving foreign currency, creating job opportunities, revival of consumption & getting us closer to 5 trillion economy. We are committed & will support govt achieve goal."  
--Kalyani Group



**Neeraj Rajput** @neeraj\_rajpud · 23h

#Kalyani Group has made forays into defence sector by developing artillery guns, armoured personnel carrier vehicles, UAVs etc

