

# Equipments of Armed Forces



# Equipment of the Indian Armed Forces

This is a list of some of the Indian Army's modern as well as historical equipment. The majority of army equipment is of international design and is commercially produced in India under license, but efforts have been made to gradually design and produce equipment in India. The Ordnance Factories Board oversees 41 Indian ordnance factories that produce the majority of Army equipment such as small arms, combat vehicles, ammunition, and artillery.



## 1. Infantry Weapons

### a. Small Arms

Name	Type	Caliber	Origin Country (s)	Notes
Pistol Auto 9mm 1A	Semi-automatic pistol	9mm Parabellum	Canada and India	The Indian Army's standard-issue sidearm. Licensed replica of the Inglis 9mm pistol from Canada.

Glock 17	Semi-automatic pistol	9×19mm Parabellum	Austria	Standard issue pistol for Special Forces.
SAF Carbine 1A	Sub-machine gun	9mm Parabellum	India and United Kingdom	The Sterling L2A1 SMG is made in India. The MSMC will take its place.
SAF Carbine 2A1	Sub-machine gun	9mm Parabellum	India and United Kingdom	Carbine has been silenced. The MSMC will take its place.
Micro-Uzi	Sub-machine gun	9mm Parabellum	Israel	Special Forces can use it. It was a Micro-Uzi variant that was used.
1B1 INSAS	Assault rifle	5.56mm NATO	India	The Indian Army's standard-issue weapon. The 1A SLR has been replaced. 1B2 folding as well as 1B1 fixed butt variants were used. An Insas AR with a full-auto selector, black polymer furniture, and burst lever is also on the way. Ordnance Factory of Tiruchirappalli produced this item.
OFB 1A1 Rifles and OFB 1C Rifles	Battle rifle	7.62×51mm NATO	India and Belgium	The standard issue rifle of the Indian army, manufactured at the Tiruchirappalli

				Ordnance Factory. The INSAS has taken its place. The 1C full automatic variant was used as a firing port weapon on the BMP-2S Sarath Infantry fighting vehicle by mechanized infantry battalions.
Ishapore 2A1 rifle	Reserve Weapon	7.62mm NATO	India	The majority of them were phased out of service. Some were kept for ceremonial purposes only.
AKM	Assault rifle	7.62x39mm	Soviet Union and Poland	Variants of AKM fixed stock and AKMS under-folding stock were used.
Arsenal Co. AR	Assault rifle	7.62x39mm	Bulgaria	Bulgarians manufactured the AK-47. Imported for police and paramilitary forces, but also used in small quantities by the army. Variants of AR fixed stock and AR-F under-folding

				stock were used.
MPI-KM	Assault rifle	7.62x39mm	East Germany	AKM was created in East Germany. Variants of MPI-KM-72 fixed stock and MPI-KMS-72 side-folding stock were used. Lower handguards were made of both bakelite and wood.
Pistol Mitraliera model 1990	Assault rifle	7.62x39mm	Romania	Palmswell lower handguard versions of the AKM are in use in Romania.
AK-103	Assault rifle	7.62x39mm	Russia	
Vz. 58	Assault rifle	7.62x39mm	Czechoslovakia	Variants of the Vz. 58 P fixed stock and the Vz. 58 V side-folding stock was used.
IMI Tavor TAR-21	Assault rifle	5.56mm NATO	Israel	Israel purchased 3070 for the Special Forces.
M4A1 Carbine	Carbine	5.56mm NATO	United States	Purchased through foreign military sales. For use by the Special Forces of the Indian Army.
Dragunov SVD59	Sniper rifle	7.62x54mmR	Soviet Union and India	Sniper rifle in its most standard form.
IMI Galil 7.62 Sniper	Sniper Rifle	7.62mm NATO	Israel	For use by the Special Forces

				of the Indian Army.
Mauser SP66	Sniper rifle	7.62mm NATO	Germany	Sniper rifle with a standard bolt action.
Denel NTW-20	Anti-material rifle	20x82mm and 20x110mm Hispano-Suiza	South Africa	Purchased in small quantities.
INSAS LMG	Light machine gun	5.56mm NATO	India	The INSAS assault rifle has been adapted into a light machine gun. Butt variants that are both fixed and folding are used. A newer INSAS LMG is being procured with black polymer furniture. Ordnance Factory Tiruchirappalli produced this item.
MG 1B	Light machine gun	7.62mm NATO	India	Bren was created by an Indian. It is currently being phased out of service.
MG 2A1 ----- MG 5A ----- MG 6A	General-purpose machine gun	7.62mm NATO	Belgium and India	MAG 58, made in India. With some armored vehicles, the MG 6A (Commander's gun) and MG 5A (Co-axial) are also in service.

PKM	General-purpose machine gun	7.62x54mm	Soviet Union	In Russian-made T-90S Bhisma, T-72M Ajeya, and BMP-2S Sarath, PK machine guns were used as co-axial weapons and as general-purpose machine guns. Special Forces also use it as a section LMG. Ordnance Factory Tiruchirappalli produced this item.
M2 Browning	Heavy machine gun	.50 BMG	United States	
NSV	Heavy machine gun	12.7x108mm	Soviet Union	
KPV	Heavy machine gun	14.5x114mm	Soviet Union	

**b. Rockets, explosives, and missile systems**

Name	Type	Quantity	Origin Country (s)	Notes
Grenade 36mm	Hand Grenade		India	Hand-thrown fragmentation grenade or rifle-launched fragmentation grenade.
Multi-Mode Grenade Shivalik	Hand grenade	1.8 million ordered	India	Hand mode offensive, hand mode defensive, and rifle mode are all available for this

				modular grenade. The outer sleeve can be changed to change the type.
GP-25	Grenade launcher (40mm)		Soviet Union	
Multi Grenade Launcher 40mm	Grenade launcher (40mm)		India	Low-velocity grenade launcher with six semiautomatic shots, 40mm x 46mm. Ordnance Factory Tiruchirappalli produced this item.
AGS-17 Plamya	Automatic grenade launcher (30mm)		Soviet Union	
30 mm Auto Grenade Launcher	Automatic grenade launcher (30mm)		India	The AGS-17 is being replaced, and it is being manufactured at the Ordnance Factory in Tiruchirappalli.
RCL Mk II	Recoilless rifle (84mm)		India and Sweden	OFB produced the Carl Gustav Recoilless Rifle.
RCL Mk III	Recoilless rifle (84mm)		India and Sweden	The RCL Mk II has been updated and made lighter.
106mm M-40A1	Recoilless rifle	3000+	United States	
RPO-A Shmel	Rocket Launcher		Russia	
OFB E1 51mm	Mortar		India	
OFB E1 81mm and L16 81mm mortar	Mortar	5000+	India United Kingdom & Canada	



OFB E1 81mm	HE Bomb Smoke Bomb		India	
OFB E1 120mm	Mortar HE Bomb		India	
120mm AM-50	Mortar HE Bomb	1500+	France	
160mm Tampella	Mortar	200+	Finland	

## 2. Vehicles

### a. Utility & miscellaneous

Name	Type	Quantity	Origin	Notes
VFJ Jonga	Light Utility Vehicle		India	It's been phased out. Vehicle Factory Jabalpur is the manufacturer.
Mahindra 550 DXB	Light Utility Vehicle		India	
KrAZ-6322	Heavy Utility Truck		Ukraine	
Bedford TJ	Medium 4X4 Truck		India	Bedford J6:6 Tone Truck. The program is being phased out.
Swaraj Mazda	Medium 4X4 Truck	200+	India	Since 1996, it has been in operation. The truck weighs 2.5 tons.
Mitsubishi Pajero	Light Utility Vehicle		Japan	Numbers that are unknown. Currently stationed on the Indo-Chinese border.
Maruti Gypsy	Light Utility Vehicle		India	
Windy 505	Fast attack vehicle	700	India	In service from the year 2005.
Tata 407	Light 4x4 truck		India	One Ton truck

VFJ LPTA 713 TC	Medium 4X4 truck		India	The truck weighs 2.5 tons. Vehicle Factory Jabalpur is the manufacturer.
VFJ Matang	Medium 4X4 truck		India	A three-ton truck Vehicle Factory Jabalpur is the manufacturer.
Super Azad	Medium 4x4 truck		India	A three-ton truck
Ashok Leyland Topchi	Medium 4x4 truck		India	A three-ton truck
Sisu Nasu	All-terrain transport vehicle		Finland	
VFJ Shaktiman	Medium 4x4 truck	7,000	India	Vehicle Factory Jabalpur offers 4-ton trucks in a variety of configurations.
VFJ Rampar	Medium Amphibious truck		India	Vehicle's Shaktiman truck has been converted into an amphibious vehicle.
Tata Model 1210SD	Medium truck		India	A four-ton vehicle.
VFJ Stallion Mk III VFJ Stallion Mk IV	Medium 4x4 6x6 Truck	60,000	India	Vehicle Factory Jabalpur manufactures five-ton trucks in a variety of configurations.
Saab-Scania SBA 111	6x6 trucks	600	Sweden	
Ashok Leyland Crash Fire Tender	Fire Tender		India	
Tata LPTA 1615 TC	Artillery Tractor Truck		India	
Tatra 8x8 Mobile Decontamination Vehicle	Mobile Decontamination Vehicle		India	
Tata LPTA 1621	Medium 4x4 truck		India	Five-ton truck

BEML Tatra	Heavy 4x4 trucks 6x6 trucks 8x8 trucks 10x10 trucks 12x12 trucks	7000	India and Czech Republic	Tatra Force is a heavy truck made under license. Various models are available. Vehicle for Pinaka and Smerch MBRL systems, as well as sensitive equipment such as radars.
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### 3. Artillery

Name	Type	Quantity	Origin Country (s)	Notes
Dhanush	Howitzer	119	India	OFB made a 155 mm gun.
M777	Howitzer		United States	A total of 145 ultra-light howitzers will be purchased. Due to defence budget cuts, procurement has been delayed.
Haubits FH77/B	Howitzer	200	Sweden	Bofors 155 mm machine gun. Between 1986 and 1991, 410 were acquired. There are 200 people

				left in the service. An indigenous version is in the works.
M-46	Howitzer	180	Soviet Union and Israel	Soltam upgraded M-46 130 mm howitzer guns to 155 mm standard.
D-30	Howitzer	550	Soviet Union	The M-46 has taken its place.
METAMORPHOSIS 155 mm GUN	Howitzer		India	The M46 Howitzer in India has been upgraded.
M101 howitzer	Howitzer	350	United States	
75mm Mountain Howitzer	Howitzer	900	United Kingdom	In Reserve
88mm 25 Pounder	Howitzer Field gun	800	United Kingdom	Also used for training in the Reserve.
180 mm gun S-23	Heavy Gun	100	Soviet Union	
M-46	Field gun	900	Soviet Union	Field gun with a high caliber of 130 mm. 550 units were purchased. 100 were used with the self-propelled gun Catapult. Some of the howitzers will be upgraded to M-46s.
100mm M-1944	Field gun	350	Soviet Union	In Reserve
BL 5.5 inch Medium Gun	Field gun	150	United Kingdom	Rtd.

Indian Field Gun MK 1/2/3	Field gun	1700	India	To be upgraded with digital FCS and INS to extend the range up to 30 kilometers with bleed base.
Light Field Gun	Field gun	700+	India	105mm cannon. Upgrades are ongoing.
100 mm field gun M1944 (BS-3)	Field gun	350	Soviet Union	In Reserve
76 mm mountain gun M48	Mountain gun	215	Yugoslavia	
OTO Melara Mod 56	Mountain gun	50	Italy	Rtd.
Sprut anti-tank gun	Anti-tank Gun		Soviet Union	
FV433 Abbot SPG	Self-propelled artillery	80	United Kingdom	105 mm howitzer. Following the selection of a new system, it will be replaced.
M-46 Catapult	Self-propelled artillery	100	India	A Vijayanta hull with a 130 mm howitzer mounted on it. There are 80 in storage. Following the selection of a new system, it will be replaced.
2S1 Gvozdika	Self-propelled artillery	110	Soviet Union	
Smerch 9K58 MBRL	Multiple rocket launcher	62	Russia	Multiple rocket launch

				system with a diameter of 300 mm.
Pinaka MBRL	Multiple rocket launcher	80+	India	Multiple rocket launch system with a diameter of 214 mm. The BM-21 (122 mm) is being replaced. Production is still going on.
BM-21	Multiple rocket launcher	150+	Soviet Union	Russia provided modernized rockets with a range of 40 kilometers. Pinaka will take his place.