





Towards a self-reliant India

The journey of BEML
Since 1964

COMMEMORATION OF 75 YEARS OF INDIA'S INDEPENDENCE



BEML LIMITED

Schedule 'A' Company under Ministry of Defence, Govt. of India





Vision ...

Become a market leader as a diversified company supplying quality products and services to Defence & Aerospace, Mining & Construction, Rail & Metro and to emerge as a prominent international player.

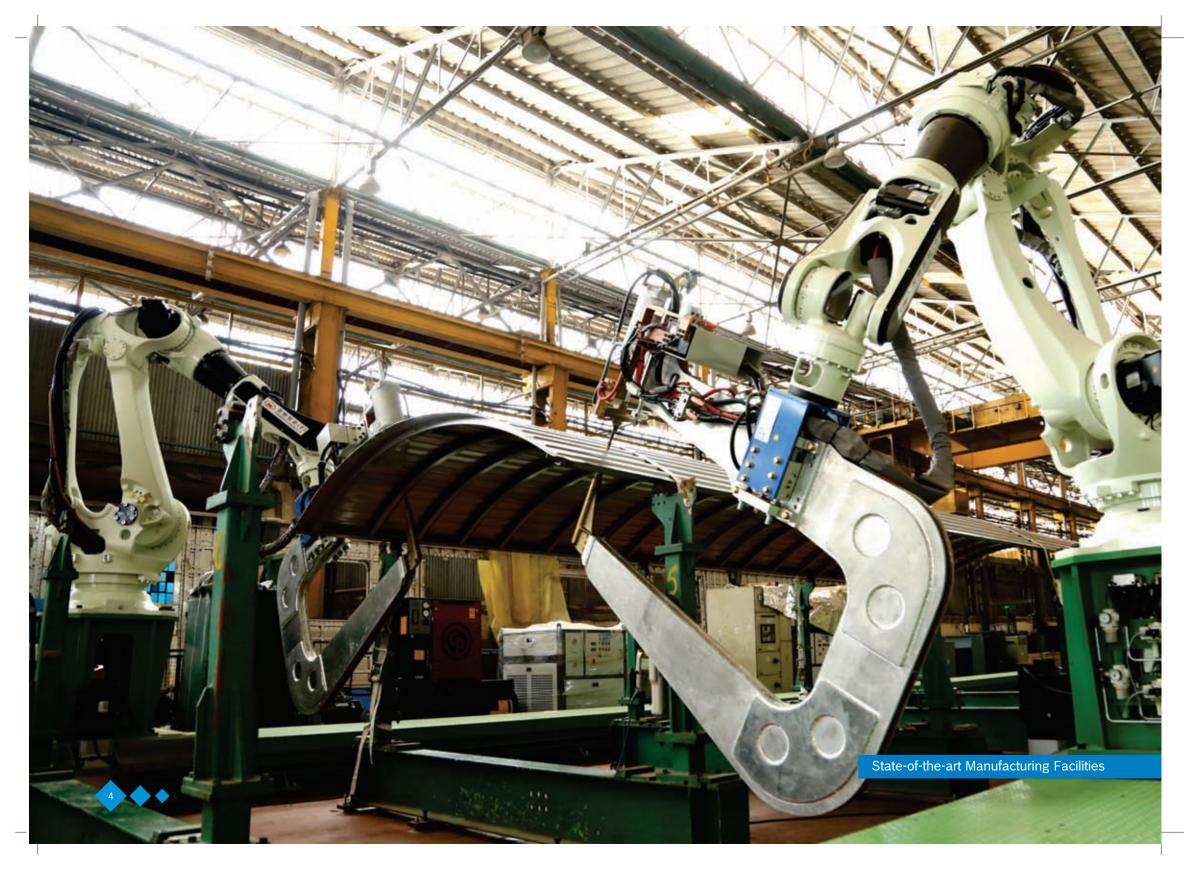
Mission ...

- Improve competitiveness through collaboration, strategic alliances and joint ventures.
- Grow profitability by aggressively pursuing business opportunities in domestic and international markets.
- Adoption of state-of-the-art technologies and bring in new products through ToT and In-house R&D.
- · Continue in diversified growth in new products and markets.
- Attract and retain people in rewarding and inspiring environment by fostering creative and innovation.
- Offer technology and cost effective total solutions for enhanced customer satisfaction.

VALUE STATEMENT 'BEML FIRST'

- F Focus on Customer
- Innovation & Technology
- R Reliability & Quality
- S Speed & Responsiveness
- T Trust & Teamwork







Hub of Engineering Excellence Nurturing Indigenous Capabilities



BEML, a pioneer of indigenously manufactured equipment, truly epitomizes the **Make in India** and **AatmaNirbhar Bharat** missions of the Government of India



BEML Captains during the journey....



Shri K P V Menon 13.05.1964 to 16.08.1964



Brig. P R Kumar 14.03.1965 to 15.11.1968



Maj. O M Mani 16.11.1968 to 08.11.1978



Brig. G K Gokhale 09.11.1978 to 16.01.1980



Shri V P Sarma 17.01.1980 to 30.11.1980 (As In-charge)



Maj. Gen. S N Bhaskar 01.12.1980 to 30.11.1984



Shri B R Srinivasmurthy 27.12.1984 to 30.06.1985



Shri M B Ajwani 18.07.1985 to 30.11.1991



Shri T V S Sastry 05.02.1992 to 02.11.1995



Dr K Aprameyan 03.11.1995 to 30.11.2002



Shri VR S Natarajan 01.12.2002 to 11.06.2012



Shri P Dwarakanth 12.06.2012 to 30.06.2016



Dr. Deepak Kumar Hota 01.07.2016 to 31.01.2021



Shri MV Rajasekhar 01.02.2021 to 27.08.2021 (As In-charge)



Shri Amit Banerjee 27.08.2021 Present



Our Journey ...

'many firsts' to emerge as one of the leading engineering companies with a varied business portfolio supporting nation building.

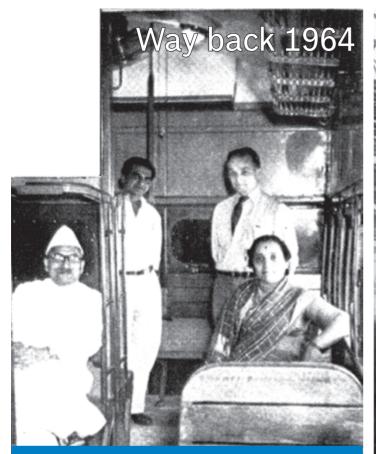
BEML has travelled a long way from manufacturing conventional Rail Coaches to ultra-modern driverless Metro Trains, from Basic Dozers to state-of-the-art heavy earth moving machineries and from High Mobility Trucks to Unmanned Aerial Vehicles.

• BEML is equipped with modern manufacturing plants at Bengaluru, KGF, Mysuru and Palakkad,

- market-driven composite R&D set-up, certified quality management system and wide marketing network to take on global competition.
- BEML's team of dedicated professionals and highly skilled workforce who work in a challenging environment and its growth-oriented strategy, is steering the company on an enduring journey of innovation and success.

Welcome to the world of BEML, where pioneering leadership is the guiding light in pursuit of excellence.





Smt. & Shri Lalchand Hirachand, one of the founders of HAL, inside a **III** class Rail Coach.

ADMINISTRATIVE BUILDING

RAIL COACH DIVISION

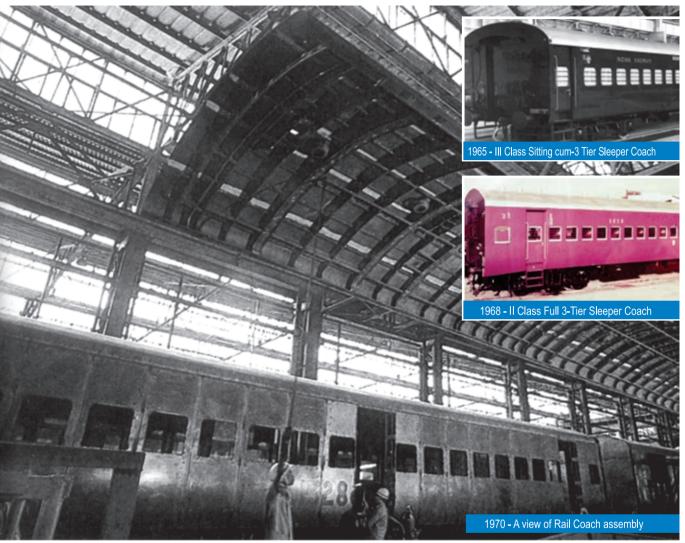
HINDUSTAN AIRCRAFT LIMITED

OPENED BY

AIR VICE MARSHALL RANJAN DUTT. vr. c.,

MANAGING DIRECTOR

ON 14-12-1961









1964 BEML LIMITED (Formerly Bharat Earth Movers Limited) incorporated under Companies Act 1956, under Ministry of Defence, Govt. of India with its headquarters in Bangalore, Karnataka.

The new company began with initial capital of ₹5 crore, takes over production of rolling stock at Rail Coach Division in Bangalore.

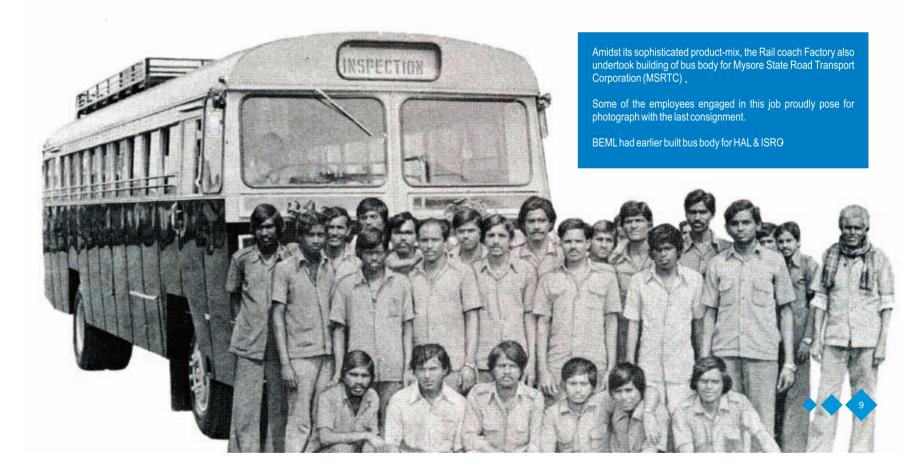
1968 Heavy Earth Mover Division established at Kolar Gold Fields (KGF).

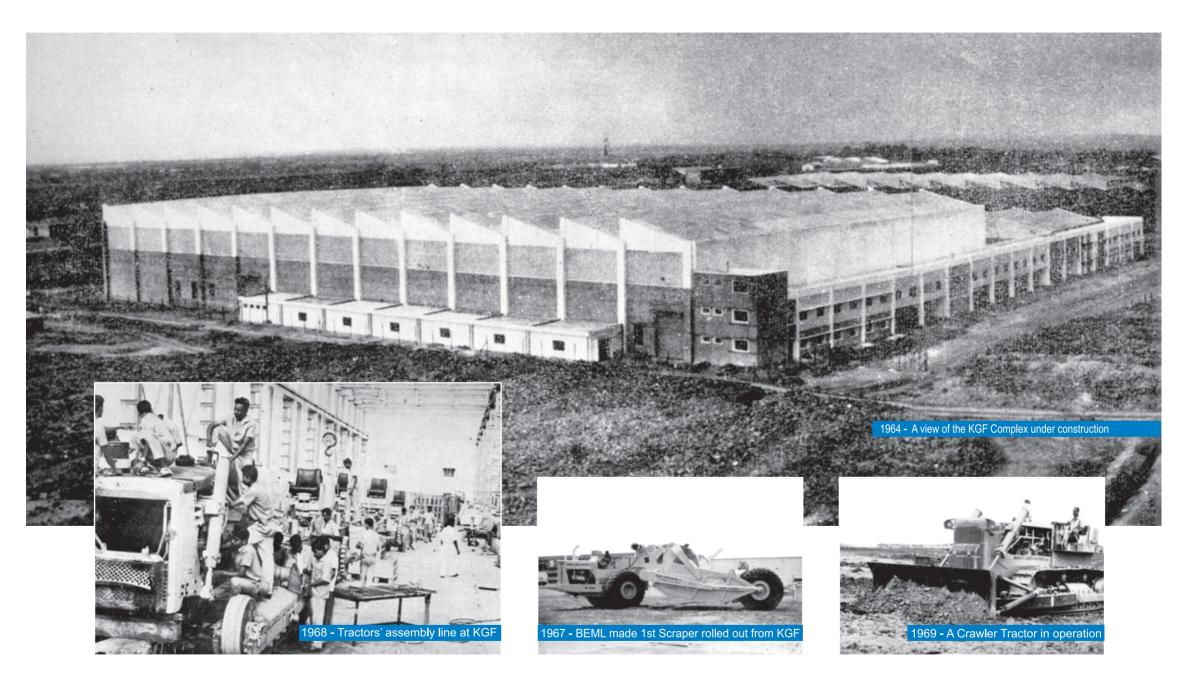
BEML diversified into other rail products by introducing Sleeper Coaches & Postal Vans.

1970 BEML began exporting Earth Moving equipment.

The 1st consignment of Motor Grader and Tractors exported to Nepal & Bhutan.

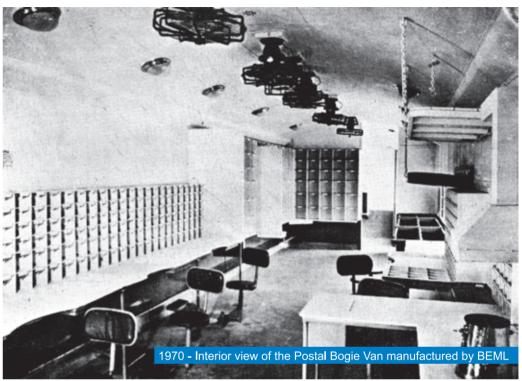




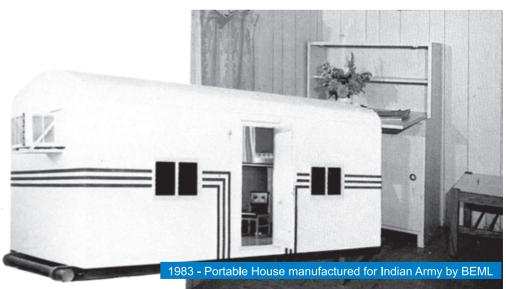


















1985	Dump Truck Division goes into stream at Mysore. BEML launched in-house R&D Aircraft Towing Tractor for IAF, Telescopic Boom Excavator for SAIL.
1986	BEML extends its products range of Wheel Loaders & Excavators.
1987	An exclusive Hydraulics & Power line Division and full-fledged R&D Centre set-up at KGF.

1988 First set of Heavy Duty Trucks rolled-out for Indian Army.







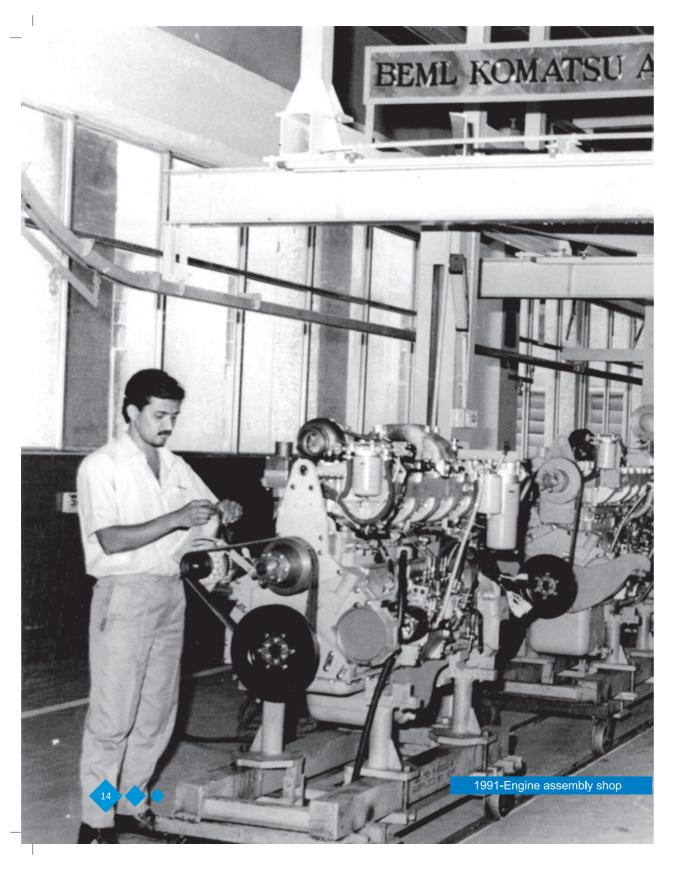
1989 Enter the Giant : The 120 Ton Electric Rear Dump Truck.

1989 BEML celebrates silver jubilee year. Entered 120 Ton Dump Truck market. Launched Pipe Layer and Rope Shovels. Handed over first set of in-house R&D 8Wheeler OHE Car to Indian Railways.

BEML HQ moved to new Corporate Office 'BEML SOUDHA'. Dedicated full-fledged Sports complex at KGF. BEML sales crosses ₹700 crore mark.



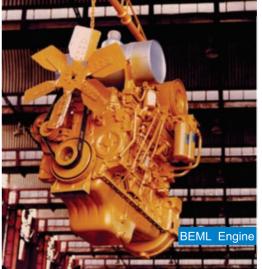


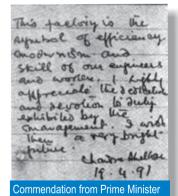


1991 PM dedicates Engine division.

Commissioned indigenously manufactured Hydraulic Excavator.

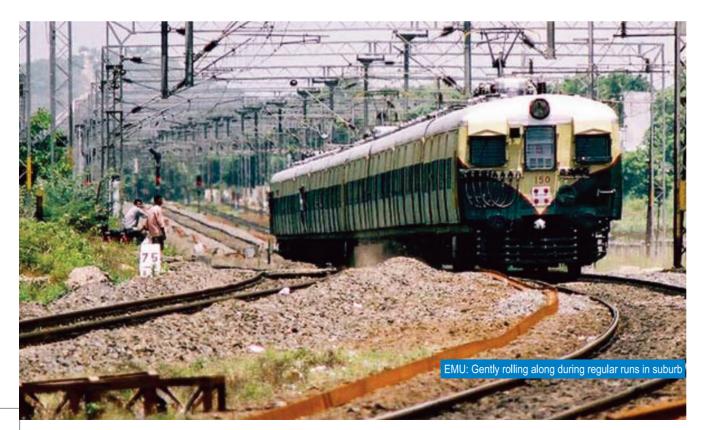












1992 Launches India's biggest Dozer BD355.

1993 Receives ISO-9000 Certification.

1994 First mammoth equipment – Walking Dragline launched. First set of DC-EMU dedicated to Indian Railways. BEML's Public Issue.

1995 Annual sales turnover crosses ₹1000 crore.









2001 Launches Mil-Rail Coaches for Indian Army.

2002 Indigenously developed Weapon Loading Equipment 'Bheema-1000' rolled out.

BE-1600 Excavator launched.

Enters into an agreement with M/s. Rotem to manufacture Metro Coaches.

2004 Delivers first Metro Car set for Delhi Metro Rail Corporation Limited.



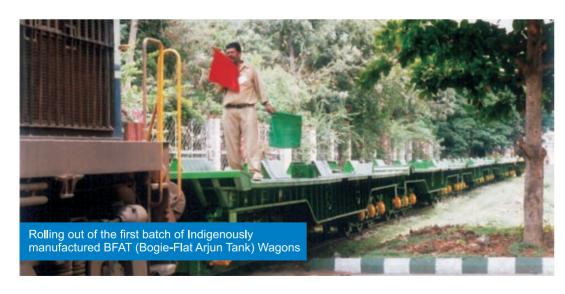
2005 Railway & Heavy fabrication units opens at KGF.

Test-track for Battle Tanks commissioned at KGF.

2006 BEML crowned 'Mini-Ratna'.

Launches B-FAT Wagons.

Crosses sales turnover of ₹2000 crore.







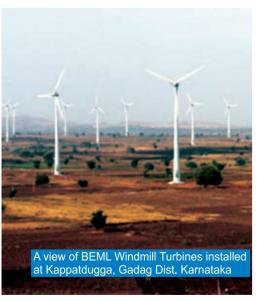


2007 Rail Coach Unit - II takes off.

2008 Enters Power Generator Sector- Wind Mill Project.

2009 Country's first standard SG Metro Car & Aluminium Wagon flagged off.

2010 Inauguration of BEML Palakkad Complex.

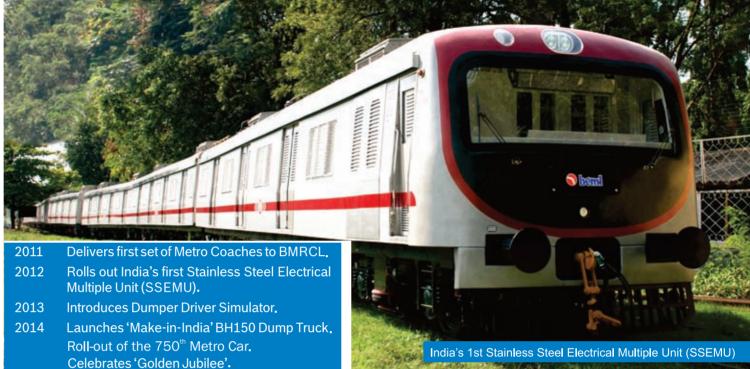






























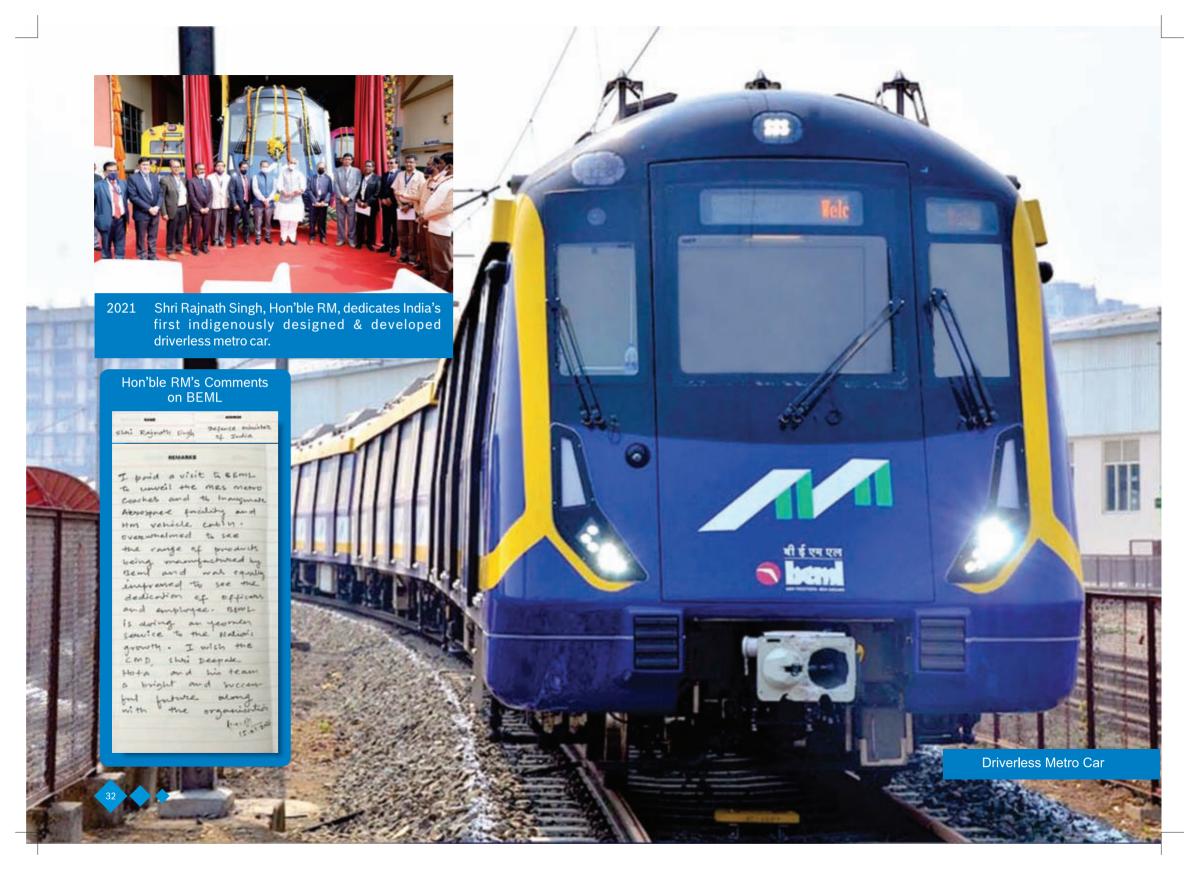










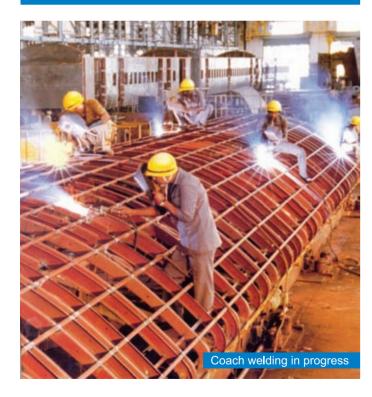




Executes Metro Rolling Stocks for supply of Metro Coaches to Delhi, Bangalore, Jaipur, Kolkata and Mumbai.

The complex was upgraded to match world class standards and is an exclusive hub for rolling out Hi-tech Driverless Metro Trains.

Expertise in acquiring sophisticated technology enabled to produce & supply Intermediate Metro Cars.















KGF COMPLEX

ocated about 100 kms from Bangalore, BEML has established an extensive manufacturing base. A skilled workforce turns out state-of-the-art Bulldozers, Hydraulic Excavators, Wheel Loaders, Rope Shovels, Walking Drag Lines for Mining & Construction Industry, Multi-utility vehicles and Mine Plough & Armoured Repair & Recovery Vehicle for Armed Forces. The unit has sophisticated CNC Machines and latest technology Welding equipment that enables to produce world-class machines.

Exclusive Hydraulic & Powerline Division turns out precision assemblies and critical aggregates. State-of-the-art Gear Pumps, Control Valves, Suspensions, Cylinders, Heavy Duty Axles and Automatic Transmission are manufactured here.









KGF Complex has all the facilities including Housing, Shopping & Sports Complex, Schools & Medical Centre etc.

Establishment of Heavy equipment & Fabrication units to handle major fabrication jobs with a capacity of 500 MT per annum.

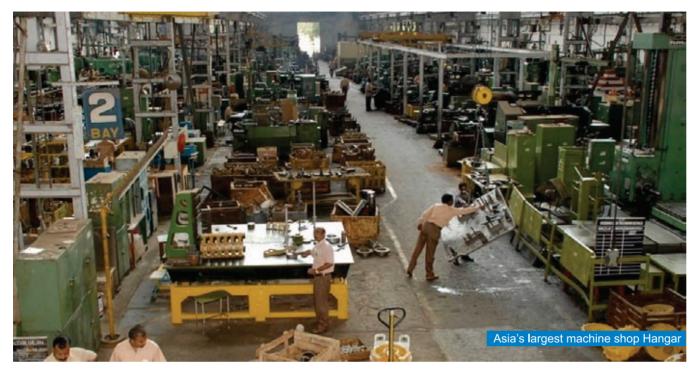
International standard Test Track for testing Defence equipment & vehicles.

2nd Rail & Fabrication units commissioned for manufacture of conventional coaches.

















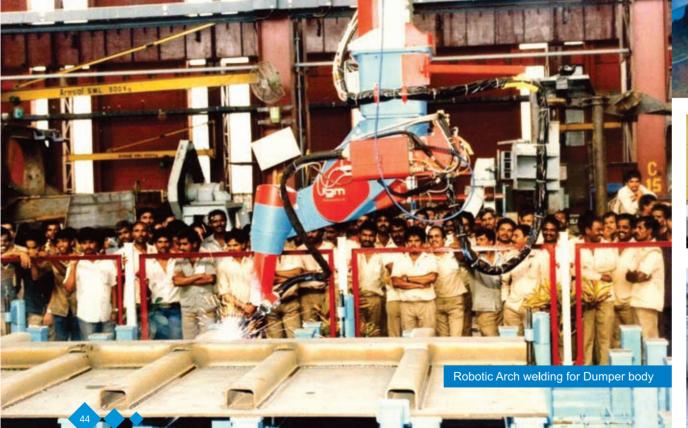




Established Engine Division to manufacture Diesel Engines of 100-1000 HP, through Flexible Manufacturing System.

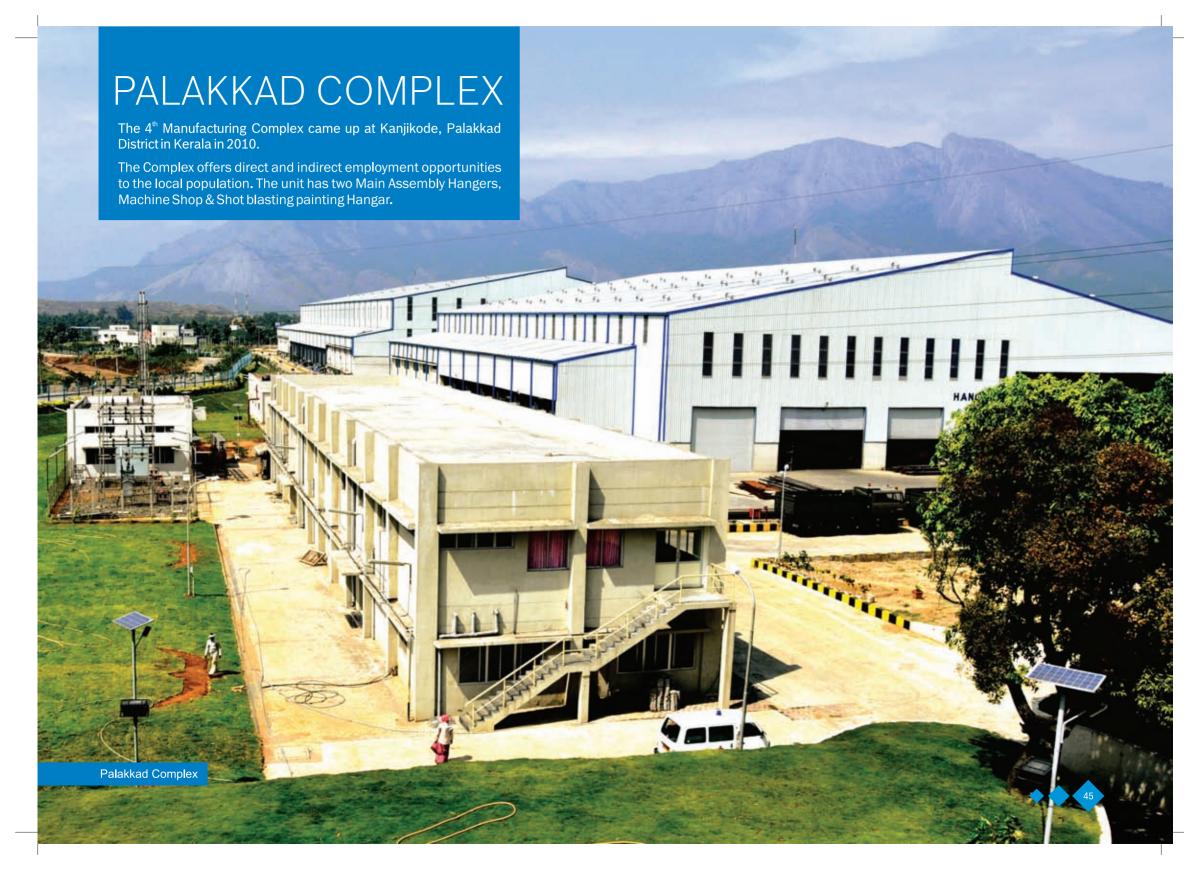
As part of expansion drive, the company established Aerospace Manufacturing Unit for production & supply of Aircraft Towing Tractor, Weapon Loaders and Aerospace components.

















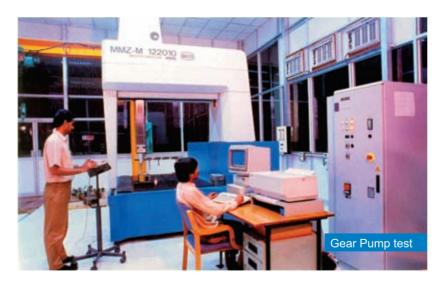
RESEARCH & DEVELOPMENT

he strength behind BEML's success is drawn from the R&D Division, which emerged as a unique technological base for core sectors in India, comparable with state-of-the-art facilities, globally. With the aim to absorb foreign technology and achieve self-reliance in the field, BEML R&D Division were setup in Bangalore, Kolar Gold Fields & Mysore complexes.

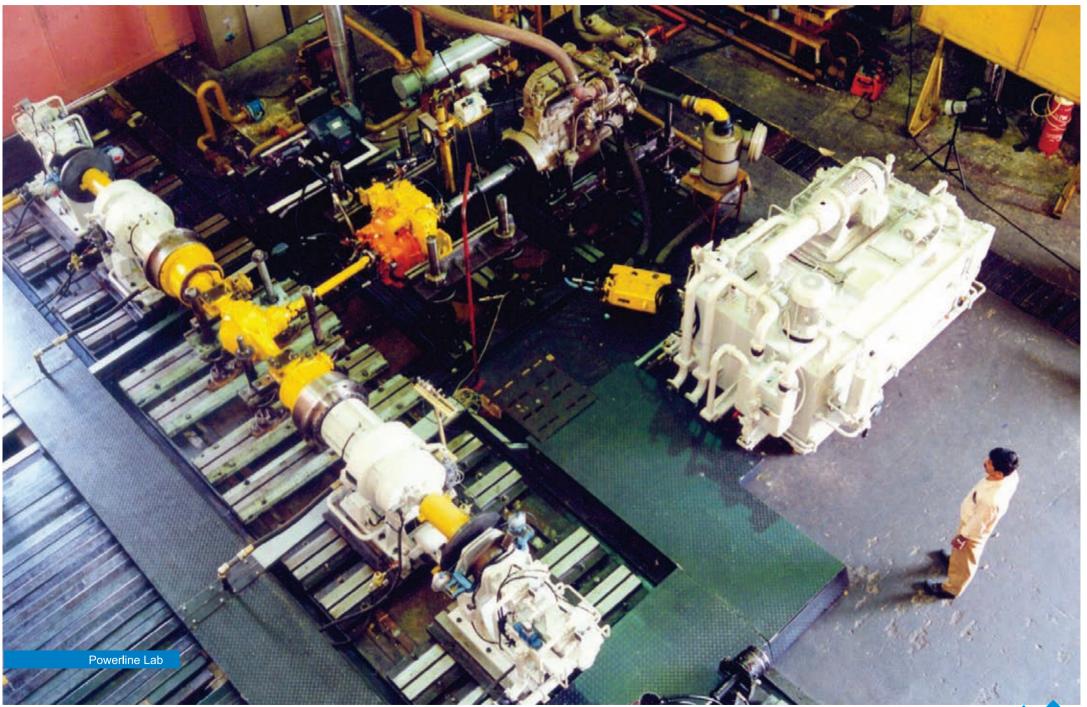
In order to keep abreast with latest technology and make pioneering efforts in developing new products and aggregates, BEML established Composite R&D center at KGF complex. It houses highly sophisticated laboratories in the areas of Fluid Power, Material Sciences, Structural Engineering, Computer Aided Design, Power Line Testing and a full fledged Proto Manufacturing Shop.

Fruits of our R&D efforts:

- Over 85% indigenations across all business verticals
- 70% of turnover from R&D products
- Registration of over 200 patents













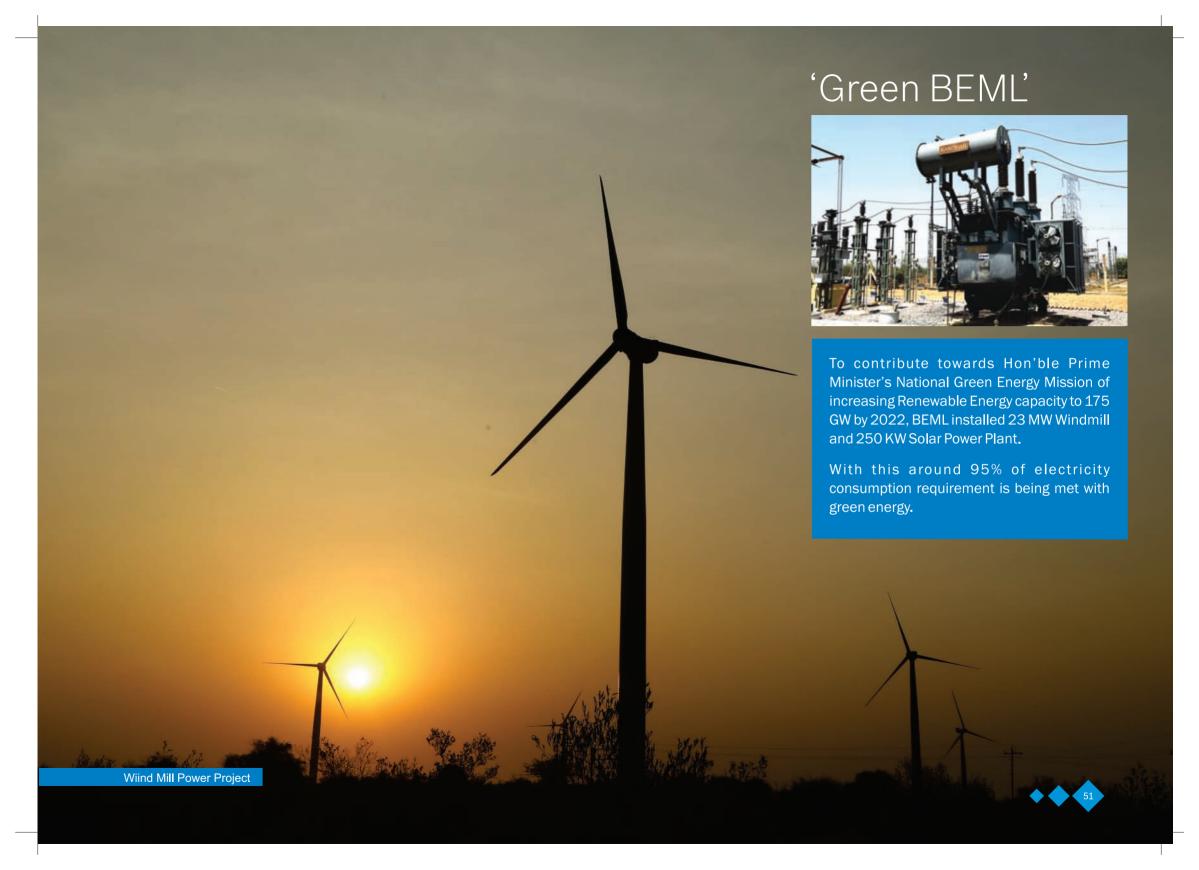
R & D Division has acquired considerable in-house expertise in the design & development of Axles, Transmission & Torque Convertors of various equipment.

Over the years, BEML R&D has developed and successfully launched as many as 100 new products. For example, Asia's biggest 205E Electric driven Dump Truck, BH150 Ton Dump Truck, 180 Ton Hydraulic Excavator, Motor Grader, Loader, Backhoe Loader, Pipe Layer, High-end Dozers of different capacity, Armoured Repair & Recovery Vehicle, Pontoon Main

Bridge System, Transportation Trailers, Medium Bullet Proof Vehicle, Al Based Medical Systems, Aircraft Towing Tractor, Weapon Loading Systems, Disaster Management equipment, Stainless Steel EMU, Rail Bus, Intermediary Metro Coaches, Ultra Modern Driverless Metro Coaches etc.

BEML R & D is constantly innovating right from design to prototype to the end product. The R&D efforts resulted in purely 'Make in India' products.







Defence & Aerospace



Heavy Recovery Vehicle



High Mobility Vehicle



Gun Mounted System



Pontoon Mainstream Bridge System Tank Transportation Trailer



Crash Fire Tender Aircraft Towing Tractor



Aero Bridge System



Airborne Structural Assemblies



Missile System



Mining & Construction



Rope Shovel



Dozer



Dump Truck



Excavator

Motor Grader











Loader



Stainless Steel EMU

Broad Gauge Metro Car

Intermediary Coach



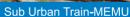
AC EMU

Standard Gauge Metro Car

Driverless Metro Car

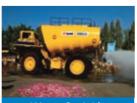
Rail & Metro





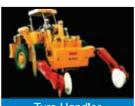


Rail Bus



Side Discharge Loader





Pipe Layer

Tyre Handler



Track Laying Equipment



Sleeper Coach

Major Accomplishments

Defence	 8300 BEML High Mobility Vehicles 350 Armoured Recovery Vehicles 3200 Trailers / Military Wagons 6 sets (330 Nos.) Pontoon Bridge System 	
Mining & Construction	 32500 Mining & Construction Equipment 27500 Engines (76HP - 700HP) 	
Rail & Metro	 18000 Rail Coaches and 850 EMUs 1650 Metro Cars 	
Exports		

Our valued customers, who made our journey worth while.

Defence & Aerospace











































Mining & Construction



































































Rail & Metro





























BEML continues to live up to the Nation's expectations of 'AatmaNirbharta' by delivering world class products & systems and has truly become the flag bearer of India's engineering sector.

With new dreams, BEML is reaching new frontiers!



supported us in this endeavour to compile this commemorative book on 'The Journey of BEML since 1964'.

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