



Global Scientific and Academic Research Journal of Economics, Business and Management

ISSN: 2583-5645 (Online)

Frequency: Monthly

Published By GSAR Publishers

Journal Homepage Link- <https://gsarpublishers.com/journals-gsarjebm-home/>



Review of Auto Components Manufacturers in Rajkot

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Article History

Received: 11/03/2026

Accepted: 17/03/2026

Published: 20/03/2026

Vol –5 Issue – 3

PP: -60-65

DOI:10.5281/zenodo.19159144

Abstract

Rajkot is a remarkable hub for Auto components manufacturing in India, with a diverse range of companies generating several components for every OEM and aftermarket use. The company includes producers, exporters, providers, wholesalers, and sellers, forming a strong atmosphere. Rajkot's manufacturers are acknowledged for producing a big selection of month-to-month, which encompass engines, transmissions, brakes, and electric additives. The units, maximum of which are Small-Scale Industries (SSI), lease round one lakh human beings. Day by day auto components market in Rajkot capabilities an extensive range of components vital for monthly meeting and preservation. This includes everything from engine elements and transmission systems month-to-month electrical additives and frame. The market is characterized thru a combination of close by producers and global carriers, offering consumers with several alternatives to fulfil their precise desires. Providers and wholesalers play a pivotal role on this marketplace with the aid of making sure that vehicle day by day are without difficulty. Their massive networks allow for inexperienced distribution, reducing lead times and ensuring that businesses can maintain their in monthly stages. Furthermore, dealers in Rajkot offer a direct link among manufacturers and stop-customers, enhancing the accessibility.

Key words: Diverse Manufacturing Base, Green Distribution Chain, Export Orientation, Enterprise growth

Prologue:

Within decade Rajkot became high producer for iron castings, in which castings synthetic the use of pig iron fed the diesel engine producers who in turn furnished engines in most cases used for agricultural functions. There were 450 foundries manufacturing castings and presenting month-to-month round two hundred diesel engine manufacturing devices in Rajkot a decade within the beyond, consistent with Rajkot Engineering Association (REA) estimates. Each diesel engine producer turned into making round 40,000 devices to meet the developing name for. Nowadays there are just 30-35 units producing diesel engine gadgets and even big sized devices do now not make extra than lakh gadgets in a 12 months. This month-to-month is largely attributed monthly cheap Chinese language imports & has stalled diesel engine manufacturing interest in Rajkot, one of a kind engine manufacturers are straining beneath high tax and excise shape further month-to-month falling call for low horsepower engines.

Brief History of Rajkot

Rajkot based in 1612 by Thakur Saheb Vibhaji Ajoji Jadeja of Jadeja prolonged circle of relatives and Raju Sandhi. Vibhaji changed into grandson of Jam Sataji of Nawanagar, current Jamnagar. For the duration of British Rule, it changed right into a neighbourhood headquarter (Residency). It's been seat of Jadeja extended family (Rajkot branch) considering then. Mr. M. K. Gandhi spent his early years in Rajkot while his father changed into a Diwan monthly one of the Saurashtra Nawab, and the residence in which Mr. Gandhi lived is now a museum named "Kaba Gandhi No Delo". He went studies in proper right here (Alfred High School, now it's called as M. K. Gandhi high School). After Independence, it has become the capital of Saurashtra nation. It hosted the country assembly for the state. Shri Uchhrangrai N. Dhebar (seemed popularly as Dhebarbhai) have become the First Chief Minister of Saurashtra kingdom. Later, his named as President of All India Congress Committee. Shri Balwantbhai Mehta was the second one leader Minister for the country. Whilst states were created month-to-month monthly Spoken



Languages, the city alongside Saurashtra kingdom turned into merged in monthly newly shaped Gujarat state. Rajkot is famous for its Bandhani Sarees, mirror-paintings, patch work, bead paintings, jewellery marketplace and Silk Embroidery. The town hosts numerous of small scale production industries. Some of the industrial products that Rajkot is popular for Bearings, Diesel Engines (in large part exported to Africa and Central East), Kitchen Knives and other cutting appliances

Key rudiments of the auto essentials enterprise:

Diverse Manufacturing Base: Rajkot boasts an extensive style of manufacturers that specialize in special additives, from engine components and transmission systems to electric powered and body factors.

OEM and Aftermarket Focus: Manufacturers in Rajkot cater to both Original Equipment Manufacturers (OEMs) and the aftermarket zone, producing parts for trendy vehicles and replacements.

Green Distribution Chain: A nicely-installed community of providers and wholesalers ensures the green distribution of elements to retailers and repair stores.

Export Orientation: Rajkot is likewise exporter of vehicle components, with businesses exporting products to diverse global markets.

Enterprise Growth: The Auto elements employer in Rajkot has been experiencing ordinary boom, fuelled by using both domestic demand and export possibilities.

Key elements of Rajkot's Auto essentials enterprise:

Dominance of SMEs: The Rajkot vehicle aspect industry is characterized through a large form of SMEs, which play a crucial position in imparting factors to every home and worldwide markets.

Consciousness on Aftermarket: Many producers in Rajkot cater to the aftermarket, offering spare elements for auto preservation and protection.

OEM Participation: At the same time as SMEs are dominant, a huge wide kind of OEMs additionally characteristic in Rajkot, contributing to the producing of components for contemporary automobiles.

Export Orientation: Rajkot's vehicle thing company is increasingly more export-oriented; with a growing attention on meeting worldwide call for.

Impact of Market Fluctuations: The organisation is prone to fluctuations in vehicle earnings, as highlighted in 2019 whilst a downturn in the Indian Auto marketplace induced manner losses and manufacturing cuts in Rajkot, in step with the instances of Bharat.

Demanding situations and opportunities:

The business enterprise faces disturbing situations which consist of fluctuating enter fabric expenses, the want for

professional manpower, and pressure from OEMs on pricing. But, it additionally provides possibilities for increase, in particular inside the areas of era adoption, studies and development, and extended international exposure.

Government Support: The Indian government has been actively promoting the automobile component region through various obligations, which includes Production Line Incentive (PLI) Scheme, which might be predicted to carry big capital expenditure and enhance localization of superior components.

Ability Development: spotting the importance of professional tough work, the industry is that specialize in ability improvement programs and collaborations with academic institutions to ensure a group of workers organized to fulfil international requirements.

Transition to Electric Powered Motors: The Indian vehicle problem industry, together with manufacturers in Rajkot, is also embracing the transition within the course of electric powered automobiles and one of kind opportunity energy technologies.

Pig Iron expenditures and Rajkot's employer:

There are numerous different bearings and forging agencies searching ahead to recognition. Frequent cartel-like interest from a set of producers is commonplace. Inside the year 2023, Pig Iron fees shot up from Rs. 10,000 to Rs. 30,000 consistent with ton, which the enterprise blamed on cartelization with the resource of Pig Iron providers. Pig Iron is the key raw fabric for production castings. One of the key tendencies in ultra-modern years has been shift to lighter weight materials by way of way of vehicle manufacturers to convey down the general weight of the automobile. This indicates the use of more aluminium castings which in flip is main to higher the demand for aluminium castings especially for passengers' cars. Foundries in Rajkot have been family managed outfits run by using manner of no longer so nicely knowledgeable first technology marketers, which were certainly confident of having corporation from diesel engine manufacturers. Foundries which did now not keep abreast of the changing marketplace situation had been aspect-covered by using the use of greater forward looking pals who've started diversifying into automobile component production or becoming providers by way of manner of converting and adapting their product blend. It stays to be visible how a ways the effort at adapting to newer market realities will assist foundry owners in Rajkot.

Importance of automobile factors additives

The auto enterprise is based heavily on a strong supply chain of elements and components. In Rajkot, the significance of this region cannot be overstated. The delivery of automobile factors is crucial for keeping automobile overall performance and safety, making it crucial for groups to deliver dependable components. Moreover, the presence of importers and exporters in Rajkot facilitates international trade, allowing neighbourhood agencies to get entry to a broader style of merchandise. This interconnectedness complements

opposition, using innovation and improvements in nice. For B2B customers, know-how the significance of this environment is essential for making informed buying choices.

Advantages modern day attractive with the auto essentials marketplace

Engaging with the automobile additives market in Rajkot gives several advantages for B2B clients and dealers alike. Ultra-modern the important thing advantages consist of:

Diverse Product variety: clients can access an extensive latest additive, making sure they discover the proper additives wanted for their operations.

Great assurance: neighbourhood producers contemporary adhere to strict nice necessities, providing shoppers with reliable products that meet industry specs.

Rate-Effectiveness: through sourcing elements locally, companies can reduce shipping expenses and lead times, leading to higher primary rates.

Networking possibilities: The presence modern-day several sellers and vendors in Rajkot creates possibilities for B2B customers to set up valuable connections and partnerships

Marketplace Insights: engaging with neighbourhood providers permits customers to advantage insights into market tendencies and improvements, helping them stay ahead cutting-edge the opposition.

Moreover, the potential to buy and promote auto additives in Rajkot fosters a collaborative environment in which companies can thrive. By using the use of connecting with legit providers and vendors, B2B shoppers can ensure they may be making knowledgeable alternatives that gain their operations.

Top vehicle additives producers

Rajkot is a hub for vehicle parts production in India, with numerous agencies producing a huge form of components. cutting-edge the pinnacle auto factors producers in Rajkot consist of: Sar auto merchandise Ltd, Bhavani Industries, Atul Auto Ltd., Patel Brass Works, Bhagavati Engineers, Pooja Techno forged, R. M. Engineering, Shubham Techno Cast & Multipro Machines Pvt. Ltd. these organizations are recognized for their exceptional products and strong presence inside the vehicle enterprise.

Sar Auto Products Ltd (SAPL):

SAPL specializes in manufacturing auto gears like spur gears, helical gears, and transmission spline shafts. SAPL grow to be incorporated as a Pvt. Ltd company on twenty seventh October'1987 and was converted right into a public company on 12th January'1996. The employer has interaction in manufacturing and selling modern day automobile additives, especially Gears for Transmission, Differential & Engine. SAPL manufactures automobile components comprising today's automobile gears like Spur utensil, Helical equipment, Right now Bevel system, Sprockets together with Transmission Spline Shafts, Couplings and power Take-

modern clutches which is probably used for Transmission, Engine and Differential gear containers. The organization got here out with its maiden IPO in 1996 and presently business enterprise listed on Bombay Stock Exchange Limited.

Bhavani Industries:

Bhavani Industries developed set up in 1975 and is top supplier components for Maruti. It manufactures rocket valve springs, gear – containers additives and machining equipment. Bhavani Industries, a castings and forgings manufacturer plans to raise its functionality by manner ultra-modern round 30 percentages this yr. in anticipation ultra-modern-day wholesome order eBook from its OEM customers. The organisation is a main provider to Maruti Udyog and Tata motors and is currently using round eighty chances modern day its ability. The enterprise has 9 strategies unfold over 25 acres located interior Gujarat Industrial Development Corporation (GIDC) area in Rajkot and has a blended organization turnover today's round Rs. One Hundred Crore. Home sales include 60 percentage today's its turnover with the rest coming from exports to the UK and Italy. The business enterprise started out as a partnership firm and is even currently prepared as company extremely-current groups comprising specific appliances for diverse merchandise, it employs round 500 humans at several apparatuses in addition to numerous agreement team of workers.

Solution Provider thoughts-Set

OEMs have begun to reduce the quality cutting edge providers they deal with as well as now assume them to take part for the duration of designing stage itself and offer assemblies in desire to actually person factors. There may be scope for rate addition on this state of affairs though; he provides that commercial employer is getting very competitive main to pressure on margins. Gamers who can offer precision components at competitive costs at the same time as sticking to transport schedules can live on and grow on this market. Bhavani Industries is keen to be a single source provider and circulate to excessive precision elements a terrific way to continue to be a main participant in detail area. Auto components region in India has moved to a higher growth trajectory and to perform contemporary-day. It's known as tier I or a primary supplier to OEMs, calls for solution enterprise's thoughts-set and scale state-of-the-art operation as a minimum Rs one hundred Crore or so, in comparison to Rs 10 to 25 Crore a decade ago. Rajkot may be a destination for castings, forgings and machining operations provided manufacturers are in happy with their clients (OEMs) wishes and necessities and try and be answer companies in place of simply issue manufacturers. Bhavani Industries is one of the oldest forging establishments running in Rajkot.

Atul Automobile Ltd:

The organisation's origins may be traced once more to 1970 at the same time as the Maharaja contemporary Jamnagar tasked overdue Shree Jagjivanbhai Karsanbhai Chandra with finding an answer for inoperative golf carts. Spotting a possibility to address the area's developing transportation demanding

situations, he ingeniously repurposed the carts' engines to strength and innovative 3-wheeled Vehicle, known as "Chhakada" amongst Saurashtra natives. This is how the small & innovative project laid the foundation today's Atul Auto Limited. Atul vehicle is a leading producer state of art three-wheeler auto round the world. With a determination to first rate and innovation, we strive to provide reliable transportation answers.

Patel Brass Works (PBW):

With protracted information inside the enterprise, Patel Brass Works is a well-installed producer modern brass auto elements set up in 1948 as a small foundry; PBW started its operations by using producing castings for brass gadgets. In 1953, a small workshop turns into delivered to manufacture brass buttons, tumblers and strainers. By means of 1965, PBW won full-size experience in casting and finishing cutting-edge nonferrous additives. Around this time, there has been a want contemporary growing essential additives like bimetal bearings, which end up identified with the aid brand new PBW then. First of all these were made for sluggish pace diesel engines. But in 1980, high grade precision bearings were brought for excessive pace engines, compressors and earthmovers. Around 1990 PBW ventured into export extremely-modern-day outsourced crucial engineering additives for special applications like engines, compressors, pumps and purifiers, Earth Movers, Homogenizers etc. Later in 2014, with aim today's growing proportion modern-day Big Bore Bearings International, PBW's bearing manufacturing concern became cutting-edge JV with Federal mogul Powertrain via manner present day organising new JV organization FM PBW Bearings Pvt. Ltd.

Bhagavati Engineers:

This organization is a producer state-of-the-art various automobile elements and additives. on account that 1990, The Bhagavati Engineers gives manufacturing the automobile merchandise with the purpose trendy providing first-class engine valves to our happy customers such as you. One of the fastest advanced manufactures based totally on Rajkot and selling merchandise to all over India by our vendors.

Pooja Automobile Industries:

This business enterprise is recognized for its production state-of-the-art automotive components. The final holiday spot for sourcing high-quality Gray Iron casting & S.G. Iron Castings became based in 1985 in Rajkot – Gujarat underneath the call latest B. R. Techno Cast. Looking at the expanded demand from the clients, the corporation placed up a new foundry unit in Shapar – Gujarat (Bharat) in 2006 beneath the call the Pooja Techno cast. On the grounds that then, the Pooja organization has persevered to perfect its casting techniques and established a modern-day plant Named "Pooja Automobile Industries". The control has determined to merge Pooja Techno forged with the brand new undertaking "Pooja Automobile Industries" and now the overall manufacturing capability contemporary our business enterprise plant is 45,000 MT in keeping with annum.

R. M. Engineering:

R. M. Engineering is a few different key participants in the auto aspects production region in Rajkot, R. M. Engineering is the main manufacturer modern-day day Brake Discs & Drums in India for the auto enterprise. established in 5th – may additionally moreover – 2005, R. M. Engineering has grown cutting-edge to grow to be a leading Brake Disc & Drums dealer to OEMs & OESs strolling in India. With format, improvement and manufacturing functionality that suits international standards in fine and protection, R. M. Engineering is capable of imparting full Brake Discs & Drums era from concept to final touch.

Shubham Techno Cast:

This organisation is understood for its statistics in manufacturing numerous automobile components. Founded in 2014 with the aid of the Shubham enterprise, Shubham Techno cast has grown to end up one in every of India's largest manufacturers state-of-the-art funding castings. Companies' in-house precision machining save is geared up with the nation-state contemporary CNC, VMC, and Lathe machines, at the side of complete QA/high-quality controls contraptions, such as CMM and Hydro-pressure trying out Machines.

Multipro Machines Pvt Ltd:

This enterprise specializes in manufacturing system for the auto additives industry. Multipro Machines Pvt Ltd are in operation considering that 12 years with the call 'Multipro agency' from Gujarat, Bharat. In 2015 company moved with all our devices to Rajkot after being restructured, showing a modified call 'Multipro Machines Pvt. Ltd', From then Multipro Machines Pvt Ltd are running at Rajkot metropolis that's appreciably recognized as main commercial frontier modern day western India. The enterprise organization have decided on to shift at Rajkot as because Rajkot town has the pleasant ties with top notch companies, relevant administrative modern day, stands as convergence ultra-modern germane logistics, and governance interest. Enterprise employer consents with inside the importance contemporary tremendous control even as exporting products to the maximum discreet customers internationally in a well-timed manner.

Rajkot Diesel Engine vicinity receives Shot in Arm

The Rajkot diesel engine alternate has got a new lease of existence following copious rains at some stage in the dominion that has created an extraordinary demand for diesel engines, specifically of the Lister-Petter type used in agriculture packages. The Rajkot diesel engine region is known for its production of small, air-cooled diesel engines, especially the ones applied in agricultural applications like water pumps. Even as the world has faced production declines because of the fact 2011, it has additionally seen durations of resurgence because of accelerated name for, especially following pinnacle rainfall that boosts agricultural relaxation. Here is a further unique look:

Manufacturing Extent:

Rajkot turned into once a prime producer, with some resources citing an output of 42,000-45,000 engines in step with month, which later declined to Twenty K- Twenty one K. In keeping with business enterprise belongings, one report indicates more than 80% of small-sized diesel engines within the nation were produced in Rajkot. But the sector has faced the Ups and Downs.

Categories of Engines:

Rajkot makes a speciality of smaller, air-cooled diesel engines, especially those likeminded with Lister-Petter kind engines used for irrigation and different agricultural needs.

Impact of Rainfall:

The area's fortunes are cautiously tied to rainfall styles. High-quality rainfalls will growth the demand for diesel engines utilized in agriculture, presenting a boost to the enterprise.

Market Situations:

Industry belongings endorse that the decision for diesel engines, mainly the ones used in agriculture has fluctuated because of various factors, which encompass adjustments in rainfall patterns and traditional economic situations. Five years inside the beyond, the town produced at the least five lakh portions of diesel engines in step with annum. However for the previous few years, it turned into experiencing recession in terms of manufacturing and infrequently managed to provide 1 lakh - 50,000 portions registering a steep decline in sales too.

Availability of professional Labour

Falling water ranges in and spherical Rajkot have also executed an element. Water, in advance available at 20-30 feet, is now hard to discover even at hundred toes below ground degree. This has induced decreased demand for current engines whilst manufacturers had been sluggish to upgrade technology and facilities. Diesel engine manufacturers are little by little diversifying to different sectors, especially auto components. This has brought about spurt in name for skilled store floor workers. Name for shop ground human beings are due to the excessive stage of attrition wherein loyalty is making manner for opportunism. This has triggered a spurt in auto factor manufacturing and forging, which additionally makes use of iron castings. Three of the important thing manufacturers in the automobile components quarter consist of Amul Industries, which manufactures connecting rods and crankshafts for industrial motors, Bhavani Industries, that could be a forging predominant and system manufacturer SAR vehicle products, which become obtained with the aid of the usage of Mahindra & Mahindra last 365 days, but, the scenario appears to be changing.

Epilogue:

In conclusion, Rajkot's vehicle elements company is an important part of India's automobile panorama. Its miles a hub for each OEMs and SMEs, contributing significantly to the United States production output and exports. The enterprise is

undergoing length of transformation, with a focus on generation adoption, capacity improvement, and transitioning to electric motors, at the same time as additionally dealing with traumatic conditions associated with marketplace fluctuations and pricing pressures. In the dynamic international of automobile trade, the demand for automobile additives in Rajkot is on the rise. This thriving marketplace serves as a vital hub for importers, exporters, vendors, wholesalers, producers, and sellers. Understanding the landscape of automobile factors components in Rajkot is essential for B2B customers searching to buy or promote that critical merchandise.

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