

# Bicycle Manufacturing Industry.

## How to Start Bicycle Factory.

### Profitable Manufacturing

### Business Idea.



# **Introduction**

**A vehicle with two wheels in tandem, usually propelled by pedals connected to the rear wheel by a chain, and having handlebars for steering and a saddlelike seat.**

**A vehicle that provides a scenic and effective form of exercise.**

**A vehicle that does not use fossil fuel and takes up less space than a motor vehicle. A sustainable form of transportation.**

**Many overweight and out-of-shape people in the US could use a bicycle instead of defending their right to own a large fuel-chugging vehicle and blaming spikes in fuel prices on the Arabs.**

**Obesity in Europe and Asia is much lower than in the US in part because many people travel by bicycle instead of by car.**

**A bicycle, is a human-powered, pedal-driven, single-track vehicle, having two wheels attached to a frame, one behind the other. A bicycle rider is called a cyclist, or bicyclist. Bicycles were introduced in the 19th century in Europe and, as of 2003, more than a billion have been produced worldwide, twice as many as the number of automobiles that have been produced. They are the principal means of transportation in many regions. They also provide a popular form of recreation, and have been adapted for use as children's toys, general fitness, military and police applications, courier services, and bicycle racing.**

**Bicycles are one of the oldest forms of transportation. Even today millions of people travel by bicycle daily to their work, college, universities and distant places. We are promoted from our childhood days to do cycling as it is one of the easiest ways to keep fit and healthy and works well towards environment protection. They are made of different components that are simple in working. Today there are different types of cycle for different kind of cycling experiences.**

**Bicycles are used for transportation, bicycle commuting, and utility cycling. It can be used as a 'work horse', used by mail carriers, paramedics, police, messengers, and general delivery services.**

# **Market Outlook**

**India is among the largest manufacturers of bicycles in the world. Rising from government initiatives, increasing health consciousness among all age groups.**

**Bicycle market in India is projected to grow at a CAGR of over 11% during 2016-2021, on account of rising population base in the country.**

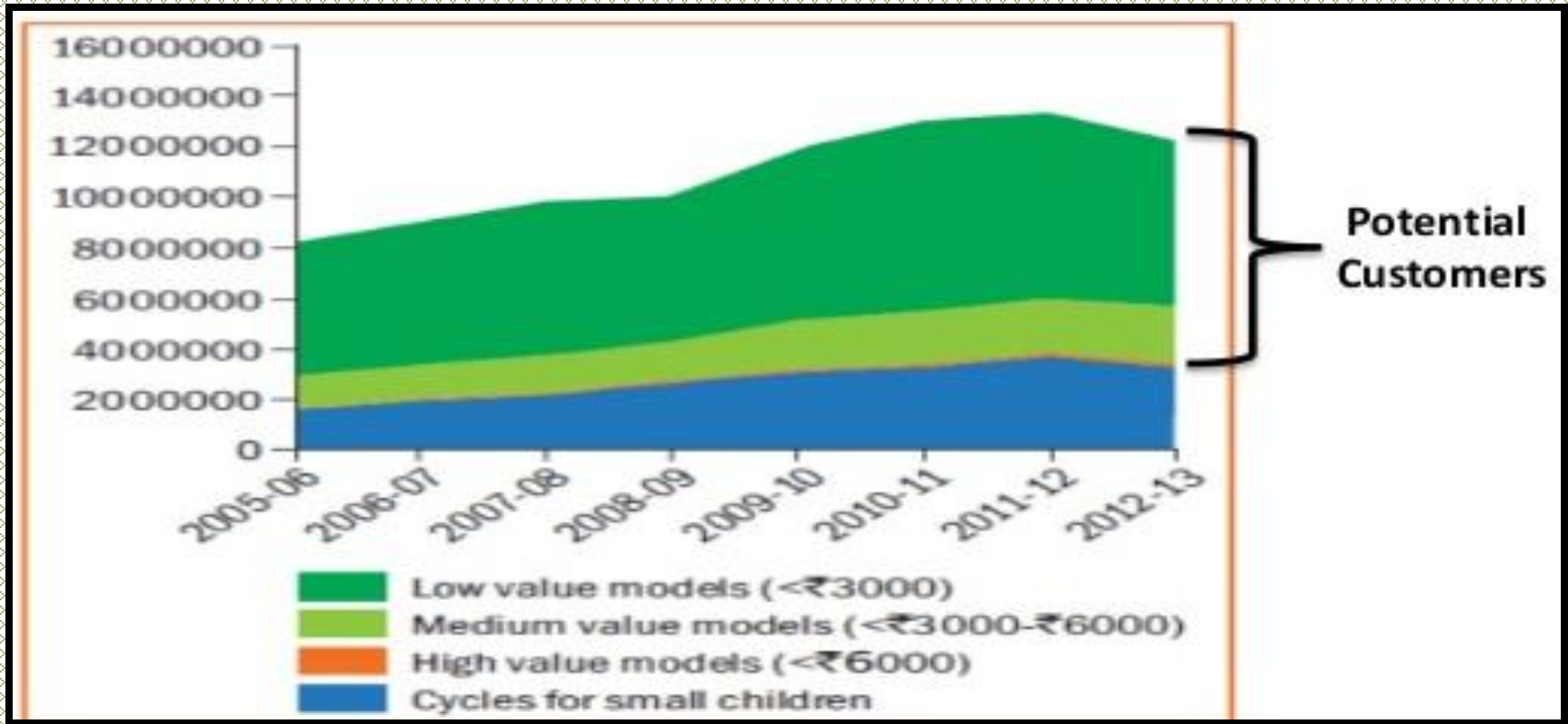
**Various state governments are focusing on the launch of bicycle distribution programs for school children and is anticipated to emerge as one of the major factors propelling demand for bicycles in the country in the coming years.**

**India is the second largest player after China (50 million units), in the approximately 100 million unit global bicycle market.**

**India produces approximately 10% of the world annual bicycle production, which is estimated at 125 Million units.**



# Indian Cycle Market Statistics



**Product wise sales of Bicycles in India**

**The annual domestic demand of bicycles in India is approximately 10 million units out of which around 2.5 million units is a government demand for the various welfare schemes.**





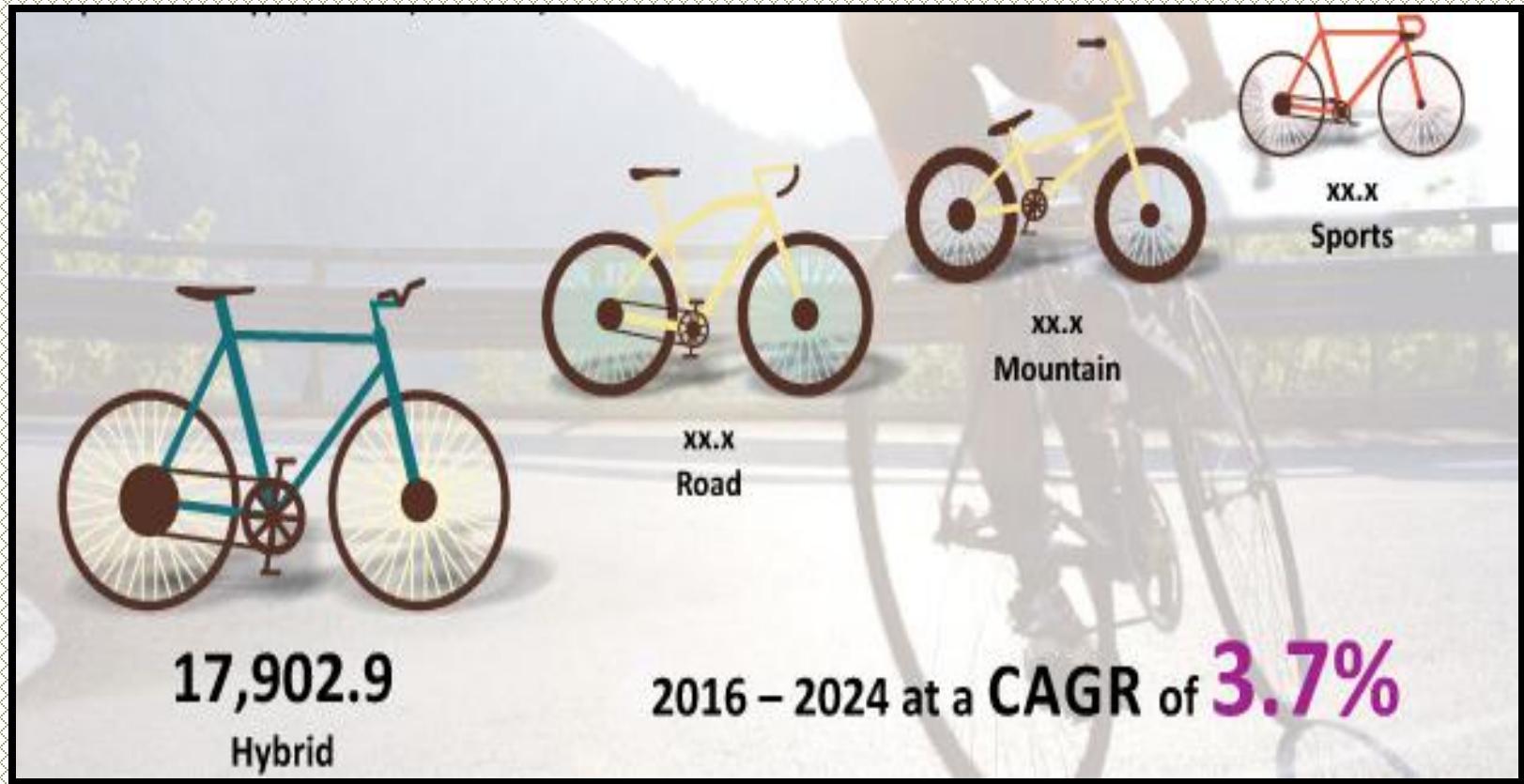
# Bicycles

## Demand : Past and Future

Year	(In Million Number)
1990-91	7.50
2000-01	14.55
2001-02	14.50
2002-03	13.00
2003-04	13.60
2004-05	13.40
2005-06	12.70
2006-07	13.60
2007-08	14.00
2008-09	11.82
2009-10	13.50
2010-11	15.18
2011-12	16.45
2012-13	13.85
2013-14	14.28
2014-15	15.33
2015-16	15.75
2016-17	16.20
2017-18	16.65
2018-19	17.00
2019-20	17.45
2024-25	19.75

**The global market for bicycle raked in more than US\$ 45 Billion 2015 and set to reach US\$ 62.39 Billion over 2024. Amongst regions, Asia-Pacific will continue exhibits lucrative market opportunities for bicycle companies during the assessment period.**

# Global Bicycle Market Value, By Product Type, 2016 (US\$ Mn)



# **Few Indian Major Players are as under**

- **Atlas Cycles (Haryana) Ltd.**
- **Atlas Cycles (Malanpur) Ltd.**
- **Atlas Cycles (Sahibabad) Ltd.**
- **Atlas Cycles (Sonapat) Ltd.**
- **Avon Cycles Ltd.**
- **Cycle Corporation of India Ltd.**
- **Hamilton Industries Pvt. Ltd.**
- **Hero Cycles Ltd.**
- **Metro Exporters Pvt. Ltd.**
- **Milton Cycle Inds. Ltd.**
- **National Bicycle Corpn. Of India Ltd.**



# Project at a Glance

PROJECT AT A GLANCE				(Rs. in lacs)			
COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	2750.00	2750.00	Capital	0.00	993.09	993.09
Buildings	0.00	555.00	555.00	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	270.15	270.15	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	8.00	8.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	103.50	103.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	50.00	50.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	2979.27	2979.27
Preliminary & Pre-operative Exp	0.00	5.00	5.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	25.00	25.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	205.72	205.72				
<b>TOTAL</b>	<b>0.00</b>	<b>3972.37</b>	<b>3972.37</b>	<b>TOTAL</b>	<b>0.00</b>	<b>3972.37</b>	<b>3972.37</b>



# Project at a Glance

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%
1-2	7.97	9.11	17.97	24.00	0.00	100.00	7.97	0.00	7.97	1.00	0.00
2-3	10.51	11.52	28.47	18.00	0.00	100.00	10.51	0.00	10.51	1.00	0.00
3-4	13.05	13.95	41.52	12.00	0.00	100.00	13.05	0.00	13.05	1.00	0.00
4-5	15.56	16.36	57.08	6.00	0.00	100.00	15.56	0.00	15.56	1.00	0.00
5-6	18.03	18.74	75.11	0.00	0.00	100.00	18.03	0.00	18.03	1.00	0.00



# Project at a Glance

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnov er Ratio	Curren t Ratio
	Individ ual	Cumulat ive	Overa ll					GPM	PBT	PAT	Net Contri bution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%	%			
Initial				3.00	3.00									
1-2	1.33	1.33		1.34	1.34	2.10	15.88%	11.07%	7.09%	2486.8 7	22.28 %	2.03	0.96	
2-3	1.64	1.48		0.63	0.63	1.19	16.42%	12.60%	8.01%	2885.3 7	22.16 %	2.12	1.22	
3-4	2.01	1.64	2.01	0.29	0.29	0.73	16.79%	13.73%	8.71%	3297.1 9	22.16 %	2.10	1.52	
4-5	2.44	1.82		0.11	0.11	0.46	17.04%	14.58%	9.23%	3709.0 1	22.16 %	2.03	1.87	
5-6	2.98	2.01		0.00	0.00	0.30	17.21%	15.22%	9.63%	4120.8 2	22.15 %	1.92	2.85	



# Project at a Glance

## BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	29.53%
Total BEP (% of Installed Capacity)	31.24%

## IRR, PAYBACK and FACR

Internal Rate of Return .. ( In %age )	26.39%
Payback Period of the Project is ( In Years )	2 Years 3 Months
Fixed Assets Coverage Ratio ( No. of times )	5.601





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# Reasons for Buying our Report:

- **This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**



- **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**

# Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

## **Scope of the Report**

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Black Braided Silk Sutures (Non-Absorbable Surgical Suture)” provides an insight into the Black Braided Silk Sutures (Non-Absorbable Surgical Suture) market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Black Braided Silk Sutures (Non-Absorbable Surgical Suture) project. The report assesses the market sizing and growth of the Indian Black Braided Silk Sutures (Non-Absorbable Surgical Suture) Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

**We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Black Braided Silk Sutures (Non-Absorbable Surgical Suture) sector in India along with its business prospects. Through this report we have identified Black Braided Silk Sutures (Non-Absorbable Surgical Suture) project as a lucrative investment avenue.**

# Tags

Bicycle Manufacturing Business, Bicycle Manufacturing Process, Bicycle Industry in India, Bicycle Manufacture, Bicycle Manufacturing, Bicycle Production, Manufacturing of Bicycle, Manufacturing Process of Bicycle, Bicycle Manufacturing Plant, Bicycle Factory, Making of Bicycle, How to Make Bicycle, Bicycle Manufacture, Bicycle Production Process, Bicycle Manufacture in India, How Bicycle is Made, Bicycle Manufacturing Business Plan, Bicycle Manufacturing Company, How do I Start Bicycle Manufacture Company?, Business Plan for Bicycle Manufacturing Company, Bicycle Manufacturing Industry, Start Bicycle Manufacturing Business, Business Plan for Bicycle Manufacturing, I Want to Start My Own Bicycle Manufacturing Company in India, Cycle Manufacturing, Bicycle in India, Cycle Production, Cycle Manufacturing plant, Bicycle Manufacturing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Bicycle Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Bicycle Manufacturing Industry in India, New project profile on Bicycle Manufacturing industries, Project Report on Bicycle Manufacturing Industry, Detailed Project Report on Bicycle Manufacturing,

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provide Detailed Project Report on**

**Bicycle Manufacturing Industry.**

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**An ISO 9001:2015 Company**



# Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



## What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
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- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

## How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*



# Our Approach

**Requirement collection**

**Thorough analysis of the project**

**Economic feasibility study of the Project**

**Market potential survey/research**

**Report Compilation**

**Contact us**

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