

Design Talkies



Preface

Design touches almost every part of our lives, often in ways we don't even notice. From the everyday items we use to the digital spaces we interact with, design shapes our experiences. It's not just about how things look; it's about making our lives easier and better. As society changes with new technology and environmental challenges, design evolves too. This article talks about the importance of design, how it affects our daily lives, and how it keeps changing to meet modern needs.

Design impacts our lives in many ways, often without us realizing it. Whether it's a smartphone that's easy to use or a chair that supports us during long work hours, design makes life better. Everything we use, from cars to household appliances, is carefully designed. Good design isn't just about looks; it also considers how we use things and how well they work. For instance,

a well-designed smartphone is easy to navigate and lasts a long time, while also looking good.

Design Talkies™ is a unique project that traces the history of design across various products in India. It's a platform that shows how design has changed over the years and takes its audience on a nostalgic journey. The first edition of Design Talkies™ focuses on two-wheelers, exploring how their design has evolved over time. From the simple, practical designs of the earliest models to the sleek, high-performance bikes of today, this edition gives a detailed look at how two-wheeler designs have changed with technology, culture, and consumer needs. This edition also looks at the ideas behind these design changes, setting the stage for future editions that will continue to explore and celebrate the world of design across different industries.



ROYAL ENFIELD BULLET (1948)

Hybrid/Electric Options

Not available

Maintenance Costs

Moderate, with parts widely available

Top Speed and Acceleration

Top speed: 110 km/h,
0-60 km/h in 6.4 seconds

Fuel Tank Capacity

13.5 liters

Emissions

Complies with early
emission standards
(BS-II)

Fuel Efficiency

30-35 km/l

Suspension

Telescopic front forks, twin
shock rear absorbers

Horsepower and Torque

18 hp @ 5,250 rpm,
27 Nm @ 4,000 rpm

Weight

180 kg

Engine Capacity

346 cc

Braking System

Drum brakes
(front and rear)

Aerodynamics

Vintage design with minimal
aerodynamic features

Build Quality

Sturdy steel frame with
a classic design

Business Data

Over 12 million units sold worldwide;
iconic status; continues production
with modern upgrades



Bajaj Vespa 150 (1959)

Hybrid/Electric Options
Not available

Top Speed and Acceleration
Top speed: 80 km/h,
0-60 km/h in 12 seconds

Maintenance Costs
Low, with easy access to spare parts

Fuel Tank Capacity
6.5 liters

Fuel Efficiency
35-40 km/l

Emissions
Complies with early
emission standards

Suspension
Leading link front suspension,
coil spring rear suspension

Weight
95 kg

Horsepower and Torque
5.9 hp @ 5,000 rpm,
10.8 Nm @ 3,500 rpm

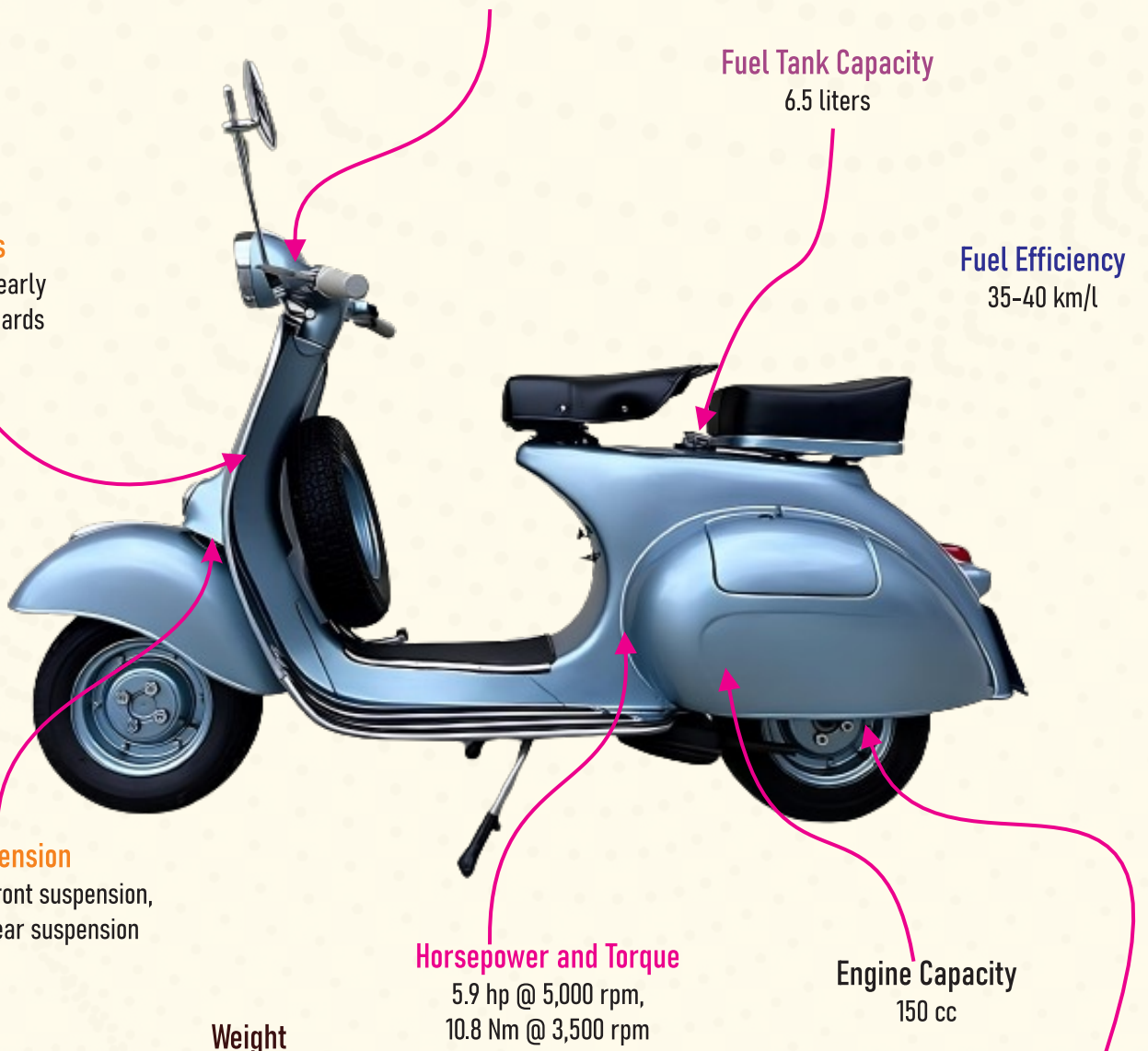
Engine Capacity
150 cc

Braking System
Drum brakes
(front and rear)

Build Quality
Compact and robust
metal body

Aerodynamics
Classic scooter design
with a focus on utility

Business Data
Sold over 1 million units in India; popular
for its robust build and classic design.





Lambretta Li 150 (1962)

Hybrid/Electric Options
Not available

Maintenance Costs
Moderate, with parts available
through vintage suppliers

**Top Speed and
Acceleration**
Top speed: 85 km/h,
0-60 km/h in 10 seconds

Fuel Tank Capacity
6.5 liters

Emissions
Complies with early
emission standards

Fuel Efficiency
30-35 km/l



Suspension
Leading link front suspension,
hydraulic rear shock

Horsepower and Torque
6.6 hp @ 5,300 rpm,
11 Nm @ 3,000 rpm

Engine Capacity
150 cc

Weight
110 kg

Aerodynamics
Streamlined body design
for better airflow

Braking System
Drum brakes
(front and rear)

Build Quality
Steel body with
tubular frame

Business Data
Sold around 2 million units globally, known
for its stylish design and reliable performance.

YEZDI ROADKING

Yezdi Roadking (1969)

Hybrid/Electric Options

Not available

Maintenance Costs

Moderate, with parts available through vintage suppliers

Top Speed and Acceleration

Top speed: 120 km/h,
0-60 km/h in 7.5 seconds

Fuel Tank Capacity

13 liters

Emissions

Complies with early
emission standards

Fuel Efficiency

25-30 km/l

Suspension

Telescopic front forks,
twin shock rear absorbers

Horsepower and Torque

16 hp @ 5,000 rpm,
24 Nm @ 4,000 rpm

Engine Capacity

250 cc

Weight

140 kg

Braking System

Drum brakes
(front and rear)

Build Quality

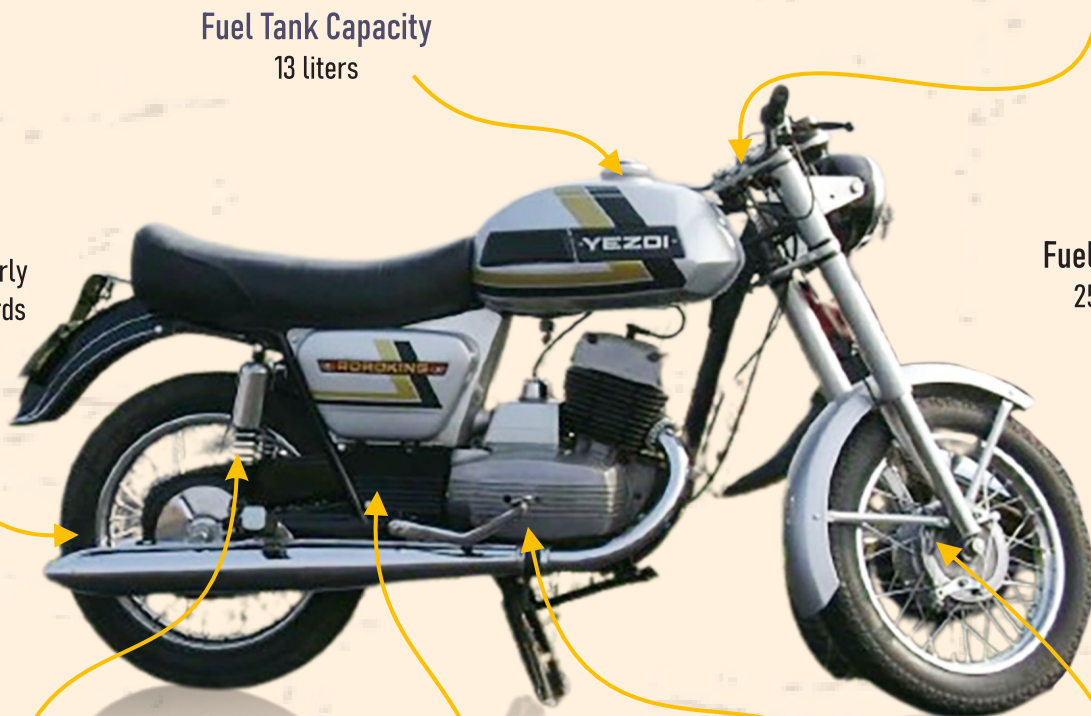
Durable metal frame
with a rugged build

Business Data

Approximately 1.5 million units sold; known for its
rugged performance and off-road capabilities.

Aerodynamics

Classic design with minimal
aerodynamic features



RAJDoot

Rajdoot 175 (1970)

Hybrid/Electric Options

Not available

Maintenance Costs

Low, with widely available parts

Top Speed and Acceleration

Top speed: 90 km/h,
0-60 km/h in 11 seconds

Fuel Tank Capacity

11.5 liters

Fuel Efficiency

30-35 km/l

Emissions

Complies with early
emission standards

Suspension

Telescopic front forks,
twin shock rear absorbers

Horsepower and Torque

9 hp @ 5,000 rpm,
13 Nm @ 3,500 rpm

Engine Capacity

173 cc

Weight

120 kg

Aerodynamics

Simple design with minimal
aerodynamic considerations

Braking System

Drum brakes
(front and rear)

Build Quality

Sturdy frame with a
utilitarian design

Business Data

Over 1 million units sold; popular
as a reliable and durable motorcycle.



Bajaj Super FE (1976)





Hero Majestic (1978)

Hybrid/Electric Options
Not available

Maintenance Costs
Low, with easily accessible parts

Top Speed and Acceleration
Top speed: 50 km/h,
0-40 km/h in 12 seconds

Fuel Tank Capacity
3 liters

Emissions
Complies with early
emission standards

Fuel Efficiency
350-60 km/l



Suspension
Telescopic front forks,
spring-loaded rear shocks

Horsepower and Torque
2.5 hp @ 5,500 rpm,
4 Nm @ 3,000 rpm

Engine Capacity
49.9 cc

Weight
55 kg

Aerodynamics
Basic design with minimal
aerodynamic features

Braking System
Drum brakes
(front and rear)

Build Quality
Lightweight frame with
basic build quality

Business Data
Sold around 500,000 units; known for
its affordability and ease of maintenance



Bajaj Priya (1975)

Hybrid/Electric Options

Not available

Maintenance Costs

Low, with easily accessible parts

Top Speed and Acceleration

Top speed: 80 km/h,
0-60 km/h in 10 seconds

Fuel Efficiency

35-40 km/l

Emissions

Complies with early
emission standards

Fuel Tank Capacity

6.5 liters

Suspension

Leading link front suspension,
coil spring rear suspension

Horsepower and Torque

6.5 hp @ 4,500 rpm,
10.8 Nm @ 3,500 rpm

Engine Capacity

150 cc

Weight

97 kg

Aerodynamics

Simple design with minimal
aerodynamic features

Braking System

Drum brakes
(front and rear)

Build Quality

Robust metal body
with a classic design

Business Data

Over 800,000 units sold; widely used for
its sturdy design and fuel efficiency.





Bajaj Chetak (1980)

Hybrid/Electric Options
Not available

Top Speed and Acceleration

Top speed: 85 km/h,
0-60 km/h in 12 seconds

Maintenance Costs

Low, with widely available parts

Fuel Tank Capacity
6 liters

Fuel Efficiency
35-40 km/l

Emissions
Complies with early
emission standards



Suspension
Trailing arm front suspension,
hydraulic rear shock

Engine Capacity
145.45 cc

Horsepower and Torque
7.5 hp @ 5,500 rpm,
10.8 Nm @ 3,500 rpm

Weight
103 kg

Aerodynamics
Traditional scooter design with minimal
aerodynamic considerations

Braking System
Drum brakes
(front and rear)

Build Quality
Sturdy metal body with
a classic scooter design

Business Data

Over 12 million units sold; iconic status in the Indian
scooter market, known for its durability and reliability.



Hero Honda CD 100 (1985)

Hybrid/Electric Options
Not available

Maintenance Costs
Low, due to easy availability of spare parts

Top Speed and Acceleration
85 km/h and 0-60 km/h in 8.5 seconds

Fuel Tank Capacity
10.5 liters

Emissions
BS-II compliant

Fuel Efficiency
80 km/l



Suspension
Telescopic fork front, twin shock rear

Weight
108 kg

Horsepower and Torque
7.5 bhp @ 8000 rpm and 7.2 Nm @ 5000 rpm

Engine Capacity
97.2 cc

Aerodynamics
Basic aerodynamics suitable for commuter purposes

Braking System
Drum brakes (front and rear)

Build Quality
Durable and sturdy build quality

Business Data
Over 5 million units sold, dominated the market for over a decade, contributing significantly to Hero Honda's reputation as a leading two-wheeler manufacturer in India.



Yamaha RX 100 (1985)

Hybrid/Electric Options
Not available

Top Speed and Acceleration
100 km/h and 0-60 km/h
in 7.5 seconds

Maintenance Costs
Moderate, due to availability of
parts and simple design

Fuel Tank Capacity
10.5 liters

Emissions
BS-I compliant (before stricter
norms were introduced)

Fuel Efficiency
40 km/l



Suspension
Telescopic fork front,
dual shock rear

Horsepower and Torque
11 bhp @ 7500 rpm and
10.39 Nm @ 6500 rpm

Engine Capacity
98 cc

Weight
103 kg

Aerodynamics
Standard design with minimal
aerodynamic enhancements

Braking System
Drum brakes
(front and rear)

Build Quality
Robust and reliable
build quality

Business Data
Over 2 million units sold, immensely popular for
its performance and durability, solidifying Yamaha's
brand presence in the Indian market.



TVS 50 (1980s)

Hybrid/Electric Options

None available in this model

Top Speed and Acceleration

Top Speed: 50-60 km/h Acceleration: Modest acceleration due to small engine size

Fuel Tank Capacity

5 liters

Maintenance Costs

Low to moderate; parts were inexpensive and readily available, though more frequent maintenance was needed

Emissions

Higher emissions compared to modern standards; 2-stroke engine with visible exhaust smoke

Fuel Efficiency

Approximately 80-90 km/l



Suspension

Front: Telescopic hydraulic fork
Rear: Swingarm with hydraulic shock absorbers

Horsepower and Torque

Horsepower: 3.5 hp @ 5000 rpm
Torque: 5.8 Nm @ 3500 rpm

Engine Capacity

49 cc (cubic centimeters)

Weight

Approximately 60-70 kg

Aerodynamics

Minimal aerodynamics due to its simple design and lack of fairings

Braking System

Drum brakes on both (front and rear)

Build Quality

Sturdy frame with basic but durable materials

Business Data

TVS 50 was a popular choice for rural and urban commuters in India; it was affordable, reliable, and economical



Hero Puch (1988)

Hybrid/Electric Options

None available;
fully petrol-powered

Top Speed and Acceleration

Top speed approximately 70-80 km/h;
0-60 km/h in around 8-12 seconds

Fuel Tank Capacity

7 liters

Maintenance Costs

Low maintenance costs;
straightforward to maintain

Fuel Efficiency

Around 70-80 km/l

Emissions

Basic emission standards;
higher by modern standards

Suspension

Telescopic front forks and
twin rear shock absorbers

Horsepower and Torque

Approximately 6.5 HP and 7.5 Nm

Engine Capacity

98 cc

Weight

Approximately 85 kg

Aerodynamics

Simple design with minimal aerodynamic
features; functional for its class

Braking System

Drum brakes
(front and rear)

Build Quality

Durable but basic construction;
reliable for its time

Business Data

Manufactured primarily for the Indian market;
part of Hero's early efforts in two-wheelers





Bajaj Sunny (1990)

Hybrid/Electric Options

None available
in this model

Top Speed and Acceleration

Top Speed: 50 km/h Acceleration: Modest
due to small engine, took around
10-12 seconds to reach top speed

Fuel Tank Capacity

3.5 liters

Maintenance Costs

Low, parts were inexpensive and
the vehicle was easy to maintain

Emissions

2-stroke engine with relatively higher
emissions compared to modern standards

Fuel Efficiency

Approximately 50-60 km/l



Suspension

Front: Leading link suspension
Rear: Hydraulic shock absorbers

Horsepower and Torque

Horsepower: 2.8 hp @ 6000 rpm
Torque: 3.8 Nm @ 5500 rpm

Engine Capacity

50 cc (cubic centimeters)

Weight

Approximately 60 kg

Aerodynamics

Basic design with minimal aerodynamic considerations;
designed for practicality and urban commuting

Braking System

Drum brakes on
both front and rear

Build Quality

Lightweight plastic and metal
construction with decent durability
for its class

Business Data

Targeted at young riders and women for
urban commuting; affordable
pricing made it popular in India

KINETIC HONDA

Kinetic Honda (1990)

Hybrid/Electric Options

None available in this model

Top Speed and Acceleration

Top Speed: 70 km/h Acceleration: 0-60 km/h in around 10-12 seconds

Fuel Tank Capacity

6 liters (including 1-liter reserve)

Maintenance Costs

Low to moderate; parts were widely available, and maintenance was straightforward

Emissions

2-stroke engine with relatively higher emissions by today's standards

Fuel Efficiency

Approximately 40-45 km/l

Suspension

Front: Leading link suspension
Rear: Hydraulic shock absorbers

Horsepower and Torque

Horsepower: 7.7 hp @ 5500 rpm
Torque: 7.5 Nm @ 5000 rpm

Engine Capacity

98 cc (cubic centimeters)

Weight

Approximately 96 kg

Aerodynamics

Minimal aerodynamic design; focus was on comfort and utility rather than speed

Build Quality

Decent build quality with a combination of metal and plastic components; designed for urban use

Business Data

Popular among urban commuters for its ease of use, especially among women and elderly riders; automatic transmission was a key selling point.

Braking System

Drum brakes on both front and rear





Hero Honda Splendor (1994)

Hybrid/Electric Options

None available
in this model

Top Speed and Acceleration

Top Speed: 85 km/h Acceleration: 0-60 km/h
in around 7-8 seconds

Fuel Tank Capacity

11 liters (including 1.4 liters reserve)

Maintenance Costs

Low; widely available parts and easy to
maintain, contributing to the bike's popularity

Emissions

Compliant with the emission
standards of the time; relatively low
emissions due to 4-stroke engine

Fuel Efficiency

Approximately 65-75 km/l



Suspension

Front: Telescopic hydraulic fork
Rear: Swingarm with hydraulic
shock absorbers

Horsepower and Torque

Horsepower: 7.5 hp @ 8000 rpm
Torque: 7.95 Nm @ 5000 rpm

Engine Capacity

97.2 cc (cubic centimeters)

Weight

Approximately 109 kg

Aerodynamics

Basic aerodynamic design; focused on
utility and efficiency rather than speed

Braking System

Drum brakes on both
front and rear

Build Quality

Strong and durable build quality
with a steel tubular frame

Business Data

One of the best-selling motorcycles in India;
known for its reliability, low maintenance costs,
and fuel efficiency.



BAJAJ

Bajaj Pulsar (1998)

Hybrid/Electric Options

None available
in this model

Maintenance Costs

Moderate; parts were readily available,
and maintenance was relatively straightforward

Top Speed and Acceleration

Top Speed: 110-115 km/h
Acceleration: 0-60 km/h in
around 5-6 seconds

Fuel Tank Capacity

15 liters (including 2 liters reserve)

Emissions

4-stroke engine with relatively
low emissions; compliant with the
emission norms of the time

Fuel Efficiency

Approximately 40-50 km/l



Suspension

Front: Telescopic, with anti-friction
bush Rear: 5-way adjustable,
Nitrox shock absorbers

Horsepower and Torque

Horsepower: 12 hp @ 8500 rpm
Torque: 12 Nm @ 6500 rpm

Engine Capacity

150 cc (cubic centimeters)

Weight

Approximately 126 kg

Aerodynamics

Sporty and aggressive design with
fairing that provided decent aerodynamics

Braking System

Front: Disc brake
Rear: Drum brake

Build Quality

Sturdy and well-built with a
strong chassis; known for its durability

Business Data

The Bajaj Pulsar was a game-changer in the Indian motorcycle market,
setting new benchmarks for performance, style, and affordability;
it became one of the best-selling bikes in its segment.



Honda Activa (2000)

Hybrid/Electric Options

None available in this model

Top Speed and Acceleration

Top Speed: 80 km/h Acceleration: 0-60 km/h in around 10-12 seconds

Maintenance Costs

Low, Honda's reliable engineering made it easy and inexpensive to maintain

Emissions

4-stroke engine with low emissions; compliant with the emission standards of the time

Fuel Tank Capacity

5.3 liters

Fuel Efficiency

Approximately 45-50 km/l



Weight

Approximately 103 kg

Horsepower and Torque

Horsepower: 7.0 hp @ 7000 rpm
Torque: 8.0 Nm @ 5500 rpm

Engine Capacity

102 cc (cubic centimeters)

Suspension

Front: Bottom link with spring-loaded hydraulic damper Rear: Unit swing with spring-loaded hydraulic damper

Aerodynamics

Basic aerodynamics with a focus on practicality and ease of use; streamlined body design for urban use

Braking System

Drum brakes on both front and rear with Combined Braking System (CBS)

Build Quality

Excellent build quality with a focus on durability and longevity; robust metal body

Business Data

The best-selling scooter due to its reliability, ease of use, and strong brand reputation.



Bajaj Pulsar (2001)

Hybrid/Electric Options

None available in this model

Top Speed and Acceleration

150 cc: Top Speed: 110-115 km/h
0-60 km/h in around 5.6 seconds

Fuel Tank Capacity

15 liters (including 2 liters reserve)

Maintenance Costs

Moderate; widely available parts and a strong service network

Emissions

4-stroke engine with relatively low emissions; compliant with the emission norms of the time

Fuel Efficiency

150 cc: Approximately 50-55 km/l

Suspension

Front: Telescopic, with anti-friction bush
Rear: 5-way adjustable, Nitrox shock absorbers

Horsepower and Torque

150 cc: 12 hp @ 8500 rpm,
12 Nm @ 6500 rpm

Aerodynamics

Sporty design with an aggressive stance; focused on reducing wind resistance at higher speeds

Engine Capacity

150 cc and 180 cc variants available

Weight

150 cc: Approximately 126 kg

Build Quality

Robust and durable; designed to handle both city commuting and highway riding

Business Data

The Bajaj Pulsar series solidified its reputation as a leader in the Indian performance motorcycle market, appealing to young riders seeking power and style at an affordable price. It played a pivotal role in Bajaj's market success in the early 2000s.

Braking System

Front: Disc brake
Rear: Drum brake





Hero Honda CBZ (2001)

Hybrid/Electric Options

No hybrid or electric options available for this model

Top Speed and Acceleration

Top speed: around 115 km/h;
0-60 km/h in around 5 seconds

Maintenance Costs

Moderate maintenance costs,
with easy availability of spare parts

Fuel Tank Capacity

12.5 liters, with 2.5 liters reserve

Emissions

Compliant with BS-II norms
(as applicable in 2001)

Fuel Efficiency

Approximately 40-45 km/l
(depending on riding conditions)

Suspension

Front: Telescopic fork, Rear: Swingarm
with dual shock absorbers

Horsepower and Torque

12.8 HP @ 8000 RPM,
12.45 Nm @ 6500 RPM

Engine Capacity

156.8 cc, 4-stroke, single-cylinder,
air-cooled engine

Weight

138 kg (kerb weight)

Aerodynamics

Fairly good aerodynamics
for the era, minimal fairing

Braking System

Front: 240 mm disc brake,
Rear: 130 mm drum brake

Build Quality

Strong steel tubular frame,
good paint finish, durable build

Business Data

Marketed as a premium sporty bike;
significant success in Indian market





KTM Duke 200 (2012)

Hybrid/Electric Options

None

Top Speed and Acceleration

135 km/h, 0-100 km/h in 9 seconds

Maintenance Costs

Moderate to high

Fuel Tank Capacity

10.5 liters

Emissions

BS-III

(BS-IV variant later available)

Fuel Efficiency

35-40 km/l

Suspension

Front: USD forks, Rear: Mono-shock

Horsepower and Torque

25.1 hp @ 10,000 rpm,
19.2 Nm @ 8,000 rpm

Engine Capacity

156.8 cc, 4-stroke, single-cylinder,
air-cooled engine

Weight

136 kg (dry)

Aerodynamics

Naked bike design,
minimal fairing

Braking System

Front: 300 mm disc,
Rear: 230 mm disc

Build Quality

High-quality materials,
lightweight frame

Business Data

Popular among young riders,
good resale value





Bajaj Dominar 400 (2016)

Hybrid/Electric Options

None

Maintenance Costs

Moderate

Top Speed and Acceleration

148 km/h, 0-100 km/h in 8 seconds.

Fuel Tank Capacity

13 liters

Fuel Efficiency

25-30 km/l

Emissions

BS-IV (BS-VI variant available)



Suspension

Front: USD forks, Rear: Mono-shock

Horsepower and Torque

39.5 hp @ 8,650 rpm,
35 Nm @ 7,000 rpm

Engine Capacity

373.3 cc, Single-cylinder,
4-stroke

Weight

182 kg (dry)

Aerodynamics

Sports-touring design,
partial fairing

Braking System

Front: 320 mm Disc, Rear:
230 mm Disc, ABS

Build Quality

Robust, well-built for touring

Business Data

Popular for long rides,
strong market presence



Bajaj Chetak Electric (2020)

Hybrid/Electric Options

Fully Electric

Maintenance Costs

Low

Fuel Tank Capacity

N/A (Electric)

Top Speed and Acceleration

60-70 km/h, 0-40 km/h in ~4 seconds

Emissions

Zero emissions (Electric)

Fuel Efficiency

N/A (Electric)

Suspension

Front: Leading-link, Rear: Mono-shock

Horsepower and Torque

5.4 hp, 16 Nm

Engine Capacity

4 kW Electric Motor

Weight

108 kg

Aerodynamics

Streamlined, retro-style body

Braking System

Front: Disc, Rear: Drum, Regenerative Braking

Build Quality

High-quality materials, retro design

Business Data

Growing popularity, strong electric scooter market



Ola S1 Pro (2021)

Hybrid/Electric Options

Fully Electric

Top Speed and Acceleration

115 km/h, 0-40 km/h in ~3 seconds

Maintenance Costs

Low

Fuel Tank Capacity

N/A (Electric)

Emissions

Zero emissions (Electric)

Fuel Efficiency

N/A (Electric)



Suspension

Front: Single Fork, Rear: Mono-shock

Horsepower and Torque

11.4 hp, 58 Nm

Engine Capacity

8.5 kW Electric Motor

Weight

125 kg

Aerodynamics

Sleek and modern, optimized for efficiency

Braking System

Front: Disc, Rear: Disc, Regenerative Braking

Build Quality

High-quality materials, modern design

Business Data

Highly popular, strong market presence in electric scooters

References

<https://www.royalenfield.com/in/en/motorcycles/>
<https://www.lambretta.com/about/legacy/history/>
https://en.wikipedia.org/wiki/Yezdi_Roadking
<https://www.bikedekho.com/yamaha/yamaha-rx-100>
<https://www.majesticauto.in/aboutus.html>
https://en.wikipedia.org/wiki/Bajaj_Priya
<https://www.chetak.com/>
<https://www.carandbike.com/hero-honda-bikes/cd-100>
https://www.olx.in/en-in/motorcycles_c81/q-rajdoot-175
https://en.wikipedia.org/wiki/Bajaj_Super
<https://en.wikipedia.org/wiki/Vespa>
<https://shorturl.at/jsfgl>
https://www.olx.in/en-in/tamil-nadu_g2001173/bikes_c2198/q-tvs-50
https://en.wikipedia.org/wiki/Bajaj_Sunny
https://en.wikipedia.org/wiki/Kinetic_Honda
<https://droom.in/hero-bikes/splendor/100cc/1994>

About IP Bazaar

IP Bazaar is an initiative towards successful commercialization of Intellectual Property Rights. IP Bazaar is a private limited company, acts for both innovators/creators and investors; and manages the commercialisation of Intellectual Property. It operates through a wide network of association with companies, industries, industry-associations, entrepreneurs, government organization, NGOs, Universities, Venture Capitalists, overseas law firms, overseas technology transfer companies and through Patentwire.

Disclaimer: Intellectual Property Rights and Fair Use Notice

This report has been prepared for the purpose of providing information and education. It includes references to various trademarks, logos, brand names, copyrighted materials, and designs, which are the property of their respective owners. The inclusion of such intellectual property is for educational and informational purposes only, aimed at illustrating and discussing industry trends, market analysis, and brand strategies.

All content within this report has been obtained from publicly available sources believed to be accurate and reliable at the time of publication. However, no warranty or representation is made as to the accuracy or completeness of the information provided.

This report is not intended to infringe upon any intellectual property rights, including but not limited to copyrights, trademarks, and design rights. The use of any trademarks, copyrighted materials and overall aesthetic presentation of brands, or other protected content within this report is for the limited purpose of illustration, commentary, and educational analysis under the "fair use" provisions of applicable copyright law.

This report does not claim any rights to these designs and trade dresses and does not intend to mislead or confuse readers regarding their origin or association. The discussion of design elements is intended solely for academic and analytical purposes.

If you are the owner of any content included in this report and believe that its use is in violation of your intellectual property rights, please contact us, and we will address your concerns promptly.

Concept By:



Lalit Ambastha
IP Attorney



Dr. Medha Kaushik
IP Strategist

© IP Bazaar 2024. All Rights Reserved.



IP BAZZAAR TECHNOLOGY CONSULTANTS PVT. LTD.

12, First Floor, National Park
Lajpat Nagar-4, New Delhi-110024, India
www.ipbazaar.com