

 **STEED**[®]
DYNAMICS
chainless bicycles



NO CHAIN
NO PAIN...



Chain Drive Cycle

Chainless Cycle



TECHNOLOGY BEHIND STEED CHAINLESS BICYCLES



Propeller Shaft Drive System (PDS)

Propeller Shaft Drive System (PDS) occupy less space than Chain Drive and Derailleur system thus gives a stylish look.





Internal Gear Hub

Steed Chainless cycles are fitted with Sun Race Sturmey-Archer Internal Gear Hubs for the 3 and 5 Speed variants. For more than 100 years, Sturmey-Archer has been pioneer in design and manufacture of Internal Gear Hubs.



Twist Shifter

Steed chainless cycles are coming with Sturmey-Archer Twist Shifter which is connected to the Internal Gear Hub eliminates the shifting of gears using derailleurs for both crank and cog wheels as in Chain Drive cycles. It is easy and simple to shift gears to achieve specific speed and torque requirements.



Features
Specifications &
Advantages

5S FEATURES

S Stylish Look

Propeller Shaft Drive System (PDS) occupy less space than Chain Drive and Derailleur system thus gives a stylish look.

S Seamless Performance

Propeller shaft drive system operates at a consistent rate of efficiency and performance without adjustments and keeps the performance stable for a long time.

S Smooth Drive

Chainless drive system provides smooth, quiet and efficient transfer of torque from the pedals to rear wheel. Noiseless easy shifting of gears.

S Simple Maintenance

No need of lubrication and frequent change of Cogs and Derailleur system as in Chain Drive Cycles.

S Safety

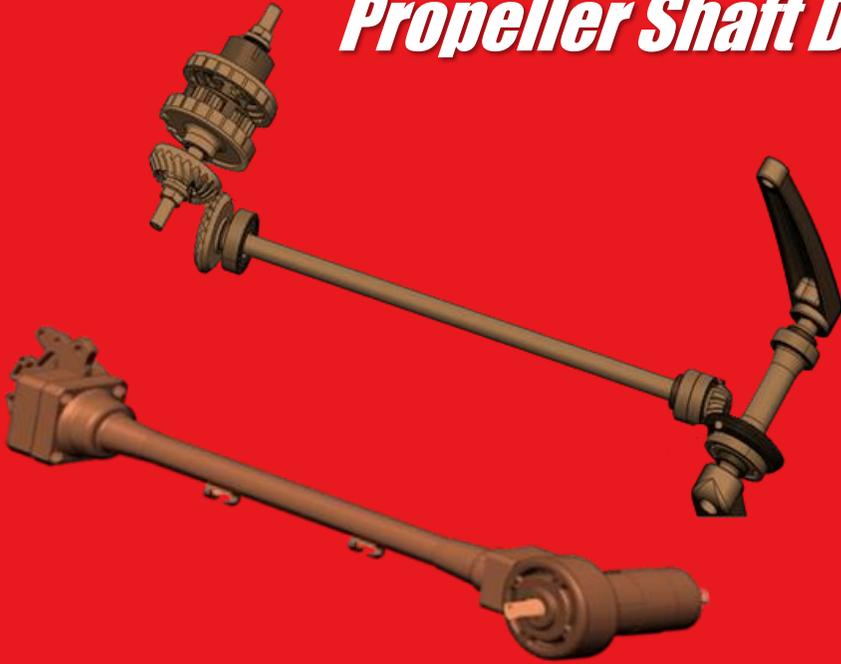
Steed Chainless cycles ensures smooth experience over chain drive cycles and eliminates discomfort of hands getting dirty or chain breakages. Comfortable long distance cycling without worries.



Steed Frame

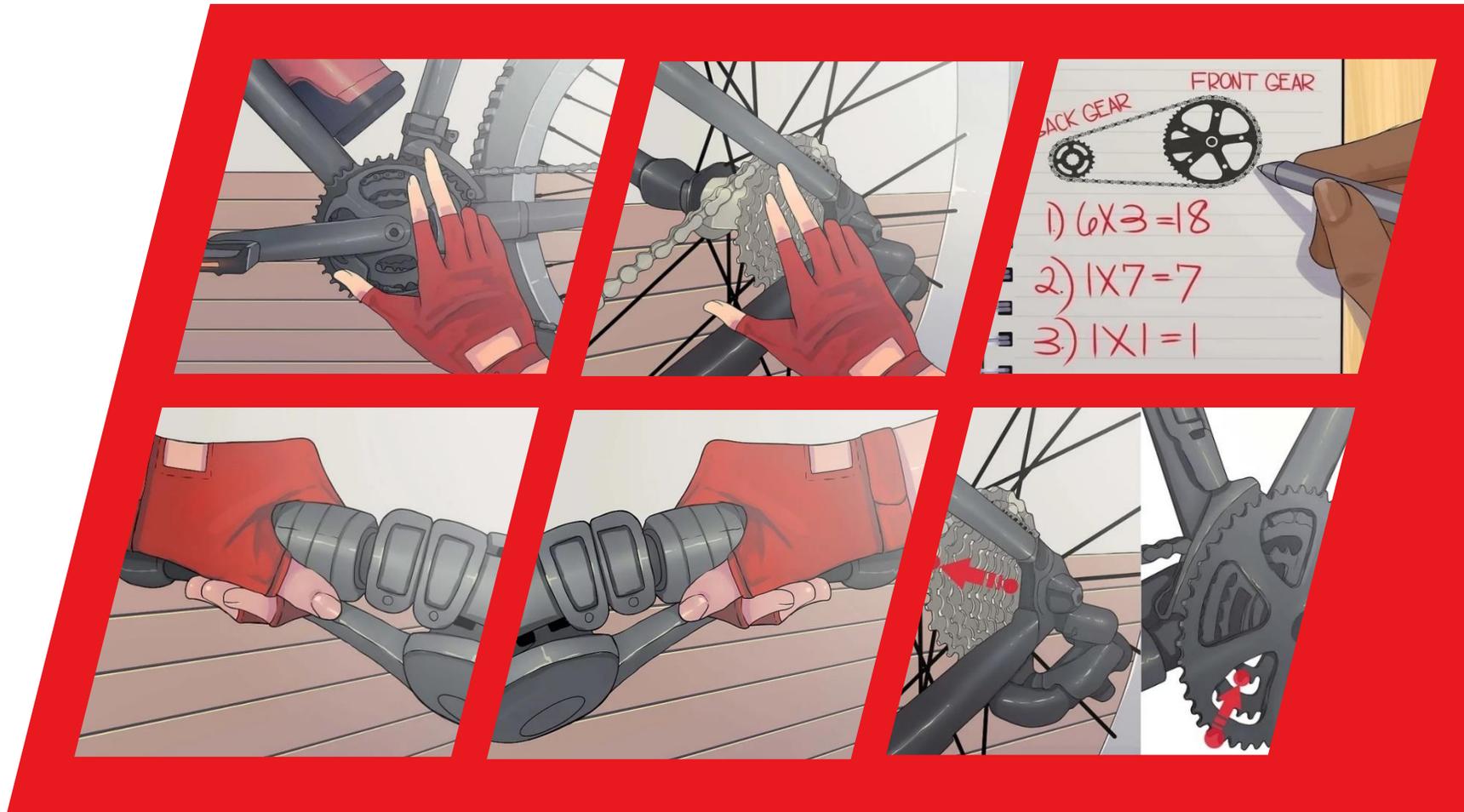
Steed Frames are made of lightweight Al 6061 tubes to maintain less weight and also the longevity. The frame manufacturing process is specially designed for the frames to last longer by taking them into various special processes of Welding, Solution Annealing, Machining, Ageing and finally to Painting in a controlled environment.

Propeller Shaft Drive System – PDS



- Spiral bevel gears are made of Cr-Mo alloy and are heat treated to have the best wear resistance
- Pedal and Drive shafts are made of Alloy steel and are hardened to have the toughness and torsional strength
- High quality sealed bearings are used
- Enclosures are machined with high precision to have the perfect fit
- All the above are helping the PDS assembly to last for more than 15000 kms.

Achieving different speeds in chain drive bicycle



CHAIN DRIVE BICYCLE GEAR RATIO – 21 SPEED



Pedal Sprocket	No. of Teeth in Pedal	Rear Sprocket	Rear Wheel Teeth Count	Gear Ratio
1	22	1	28	0.79
		2	24	0.92
		3	21	1.05
2	32	3	21	1.52
		4	20	1.60
		5	18	1.78
3	44	5	18	2.44
		6	16	2.75
		7	14	3.14

STEED CHAINLESS BICYCLE – SINGLE SPEED

STEED
DYNAMICS
chainless bicycles



Al 6061 grade Frame

Propeller Shaft Drive System

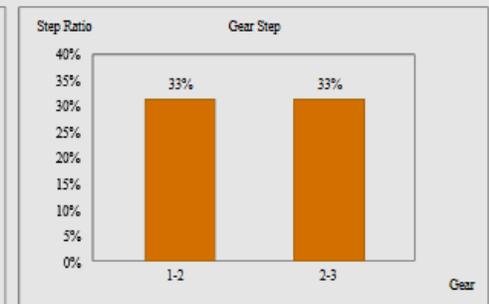
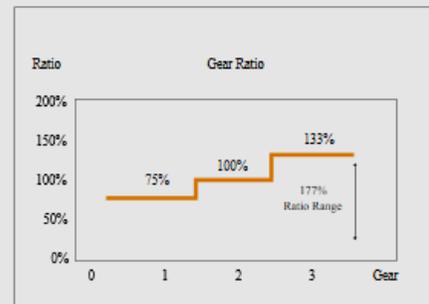
Ratio – 2.57

STEED CHAINLESS BICYCLE – 3 SPEED



3 SPEED Gear Ratio

- ✓ 3-Speed with standard gear ratio of 177%
- ✓ Gear steps of 33% and 33%
- ✓ Rotary gear selector change mechanism between the rear forks
- ✓ Aluminum shells
- ✓ Twist shifter



1st Gear – 1.93

2nd Gear – 2.57

3rd Gear – 3.42

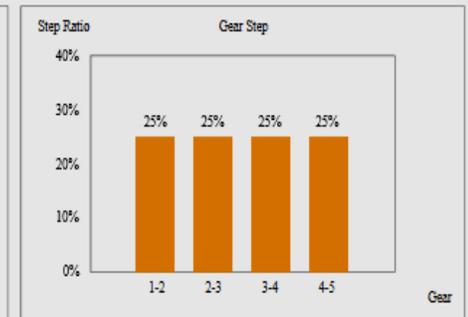
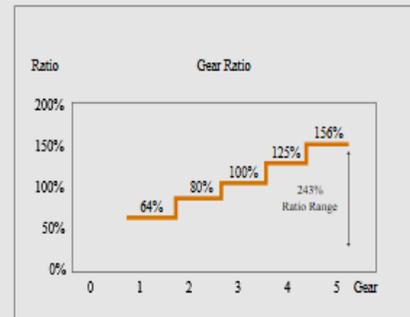


STEED CHAINLESS BICYCLE – 5 SPEED



5 SPEED Gear Ratio

- ✓ 5-Speed with standard gear ratio of 243%
- ✓ Gear steps of 25%, 25%, 25%, 25%
- ✓ Rotary gear selector with no protrusions outside the frame
- ✓ Aluminum shells
- ✓ Designed for heavy duty usages



1st Gear – 1.64 2nd Gear – 2.06 3rd Gear – 2.57 4th Gear – 3.21 5th Gear – 4.00

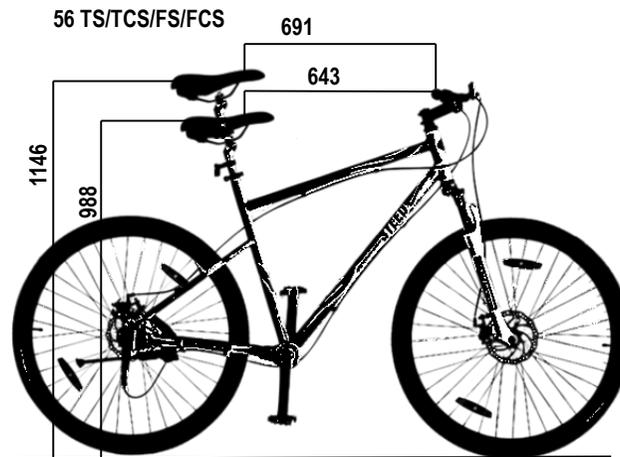
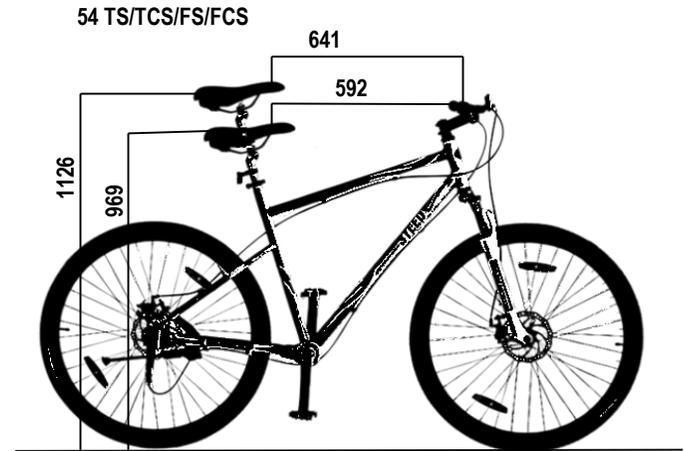


STEED BICYCLES SIZE CHART

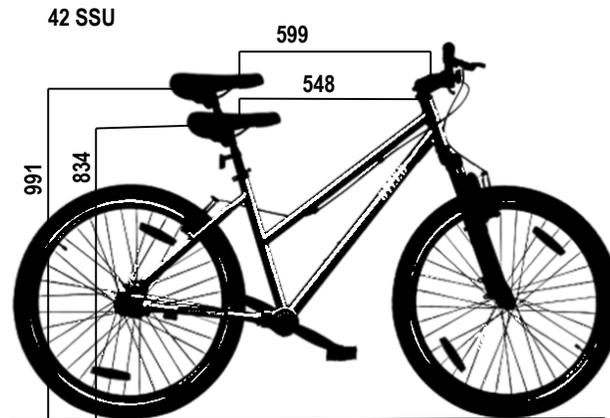
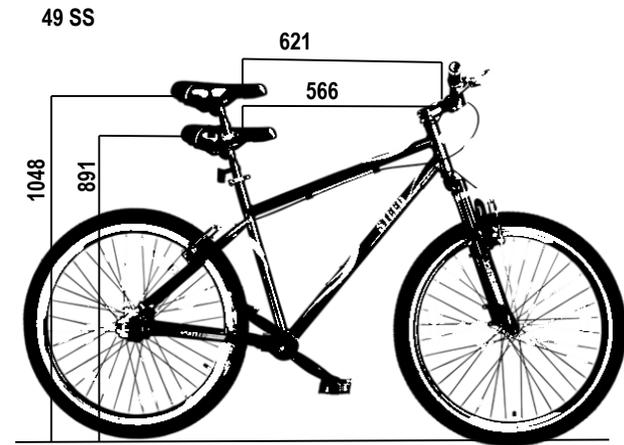
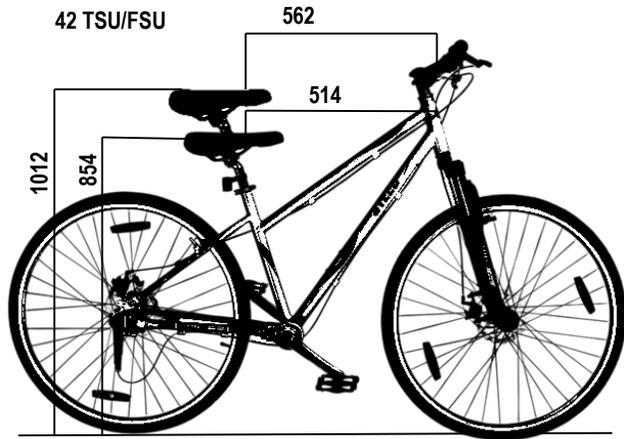


FRAME SIZE (CMS)	RIDER HEIGHT (FEET & INCHS)	RIDER HEIGHT (CMS)
42	4'50" - 4'80"	135 - 144
48	5'10" - 5'30"	148 - 152
52	5'30" - 5'50"	160 - 168
54	5'50" - 5'80"	168 - 175
56	5'50" - 6'10"	175 - 183

SEATING POSITON CHART



SEATING POSITON CHART





***ADVANTAGES OF STEED
CHAINLESS BICYCLES***

SIMPLICITY

GEAR SYSTEM

Complex Crank, Cog
& Derailleur with Chain Drive



Simple Shaft Drive coupled
with Internal Gear Hub



www.steedcycles.in

DURABILITY

STEED[®]
DYNAMICS
chainless bicycles

Life of Gear Drive

Replacement required
for every **3,000 kms**
in Chain Drive System

Minimum Life Warranty of **15,000 kms**
in Chainless STEED Shaft Drive System



www.steedcycles.in

SAFETY

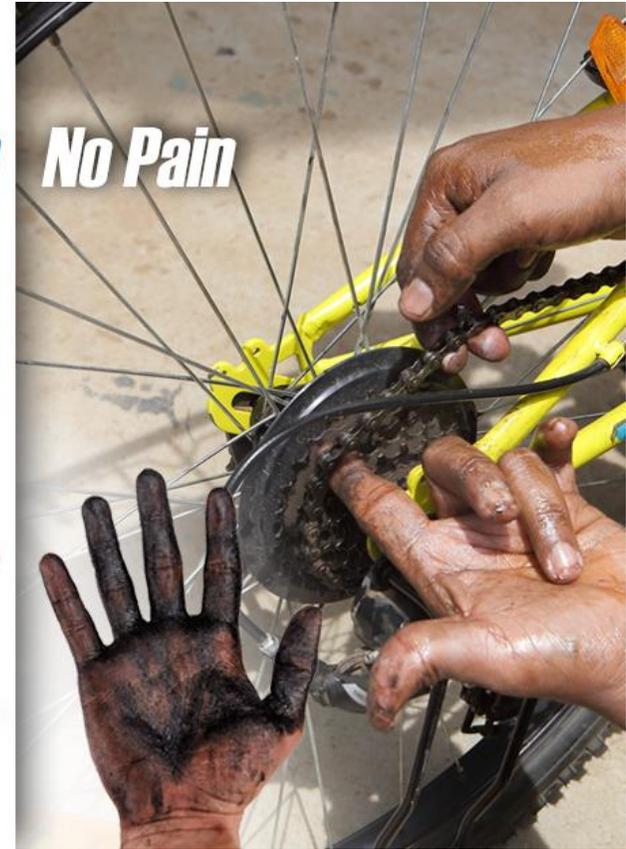
STEED[®]
DYNAMICS
chainless bicycles

Model - TR



No Chain

www.steedcycles.in
Made in India



No Pain

RELIABILITY

STEED[®]
DYNAMICS
chainless bicycles



No More Chain Cuts
with reliable
Chainless Steed
Shaft Drive System



www.steedcycles.in

SIMPLE MAINTENANCE



*More Maintenance
in Chain Drive*



*Less Maintenance
in Chainless STEED*



www.steedcycles.in

Gear Shift Controllers

Shaft Drive Vs Chain Drive

Dual Gear shifters
in Chain Drive system
makes Gear Shifting complex



Single Gear shifter
in Steed Shaft Drive System
makes Gear Shifting a breeze

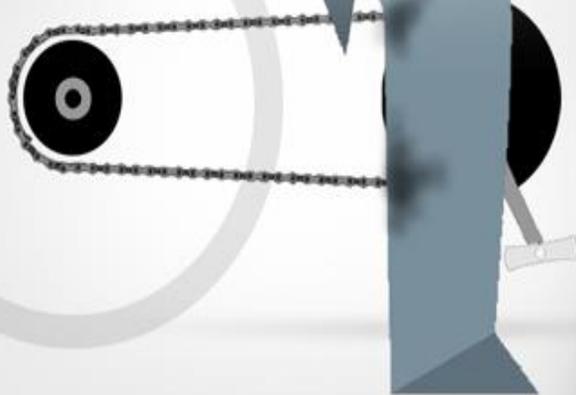


CLEANLINESS

Accidental Staining over Dress

Shaft Vs Chain

*Staining over dress
in Chain Drive System*



*No Staining over dress
in Shaft Drive System*



www.steedcycles.in

SPEED

SPEED



Single Speed Steed

5.65
mts

with 27.5 inch wheel
Steed covers 5.65 mts
per pedalling



Single Speed Chain Drive

5.45
mts

with 29 inch wheel
Chain cycle covers 5.45mts
per pedalling

www.steedcycles.in



Variants

SINGLE SPEED RIGID FORK-SR



Frame Size	48 CM
Material	AL 6061 Frame
Fork	Steel Rigid Fork
Drive	Propeller Shaft Drive System
Brake	V Brake
Rim	Alloy Rim
Front & Rear Hubs	Sturmey Archer
Wheel Size	26"/660 C Wheel
Distance Coverage/Pedalling	5.32 Mtrs

Note: Technical Specifications are subject to change.

COLOURS :

PLAIN COLOUR CONCEPT			
GLOSSY NOBLE BLUE	GLOSSY MINERAL RED	GLOSSY ESPRESSO BROWN	GLOSSY EARTH BROWN

Note: Color of the actual product may slightly vary from the Image.

SINGLE SPEED SUSPENSION FORK – SS



Frame Size	48 CM
Material	AL 6061 Frame
Fork	Suspension Fork
Drive	Propeller Shaft Drive System
Brake	V Brake
Rim	Alloy Rim
Front & Rear Hubs	Sturmey Archer
Wheel Size	26" / 660 C Wheel
Distance Coverage/Pedalling	5.32 Mtrs

Note: Technical Specifications are subject to change.

COLOURS :

PONY TAIL CONCEPT				
MAT BLACK / GREENISH YELLOW	MAT BLACK / RED	GLOSSY WHITE / BLACK	GLOSSY WHITE / GREY	GLOSSY ESPRESSO BROWN / WHITE
STRAIGHT TAIL CONCEPT				
MAT RED / BLACK	MAT STERY BLUE / SKY BLUE	GLOSSY WHITE/BLACK		

Note: Color of the actual product may slightly vary from the Image.

SINGLE SPEED SUSPENSION FORK UNIVERSAL – SSU



Frame Size	42 CM
Material	AL 6061 Frame
Fork	Suspension Fork
Drive	Propeller Shaft Drive System
Brake	V Brake
Rim	Alloy Rim
Front & Rear Hubs	Sturmey Archer
Wheel Size	26"/660 C Wheel
Distance Coverage/Pedalling	5.32 Mtrs

Note: Technical Specifications are subject to change.

COLOURS :

PONY TAIL CONCEPT		
GLOSSY YELLOW / ORANGE	GLOSSY ULTRA PINK / WHITE	
STRAIGHT TAIL CONCEPT		
GLOSSY ULTRA PINK / WHITE	MAT YELLOW / BLACK	MAT YELLOW / ORANGE

Note: Color of the actual product may slightly vary from the image.

SINGLE SPEED SUSPENSION FORK – SS 52



Frame Size	52 CM
Material	AL 6061 Frame
Fork	Suspension Fork
Drive	Propeller Shaft Drive System
Brake	Mechanical Disc Brake
Rim	Alloy Rim
Front & Rear Hubs	Sturmey Archer
Wheel Size	27.5" / 700* 35 C Wheel
Distance Coverage/Peddalling	5.65 Mtrs

Note: Technical Specifications are subject to change.

COLOURS :

PNY TAIL CONCEPT

MAT BLACK / GREENISH YELLOW

STRAIGHT TAIL CONCEPT

MAT RED / BLACK

MAT STERY BLUE / SKY BLUE

GLOSSY WHITE/BLACK

Note: Color of the actual product may slightly vary from the Image.

THREE SPEED RIGID FORK – TR



Frame Size	52,54 & 56 CM
Material	AL 6061 Frame
Fork	Rigid Fork
Drive	Propeller Shaft Drive System
Brake	V Brake
Rim	Alloy Rim
Front & Rear Hubs	Sturmey Archer
Wheel Size	27.5" / 700* 35 C Wheel
Distance coverage/ Pedalling	1st Gear – 4.00 Mtrs
	2nd Gear – 5.65 Mtrs
	3rd Gear – 7.08 Mtrs

Note: Technical Specifications are subject to change.

COLOURS :

PONY TAIL CONCEPT			
GLOSSY WHITE / GREY	MAT BLACK / WHITE	GLOSSY & MAT FIREY RED/WHITE	GLOSSY & MAT STERY BLUE /WHITE

Note: Color of the actual product may slightly vary from the image.

THREE SPEED SUSPENSION FORK – TS



Frame Size	52,54 & 56 CM
Material	AL 6061 Frame
Fork	Suspension Fork
Drive	Propeller Shaft Drive System
Brake	Mechanical Disc Brake
Rim	Alloy Rim
Front & Rear Hubs	Sturmey Archer
Wheel Size	27.5 "/ 700* 35 C Wheel
Distance coverage/ Pedalling	1 st Gear – 4.00 Mtrs
	2 nd Gear – 5.65 Mtrs
	3 rd Gear – 7.08 Mtrs

COLOURS :

PONY TAIL CONCEPT

GLOSSY WHITE / GREY

MAT BLACK / WHITE

GLOSSY & MAT FIREY RED/WHITE

GLOSSY & MAT STERY BLUE /WHITE

Note: Color of the actual product may slightly vary from the Image.

Note: Technical Specifications are subject to change.

THREE SPEED SUSPENSION FORK WOMEN – TSW



Frame Size	42 CM
Material	AL 6061 Frame
Fork	Suspension Fork
Drive	Propeller Shaft Drive System
Brake	Mechanical Disc Brake
Rim	Alloy Rim
Front & Rear Hubs	Sturmey Archer
Wheel Size	27.5" / 700* 35 C Wheel
Distance coverage/ Pedalling	1st Gear – 4.00 Mtrs
	2nd Gear – 5.65 Mtrs
	3rd Gear – 7.08 Mtrs

Note: Technical Specifications are subject to change.

COLOURS :

PNY TAIL CONCEPT

GLOSSY ULTRA PINK / WHITE

GLOSSY & MAT YELLOW / ORANGE

Note: Color of the actual product may slightly vary from the image.

SUSPENSION FORK WITH LOCK



Frame Size	52,54 & 56 CM
Material	AL 6061 Frame
Fork	Suspension Fork
Drive	Propeller Shaft Drive System
Brake	Hydraulic Disc Brake
Rim	Alloy Rim
Front & Rear Hubs	Sturmey Archer
Wheel Size	27.5" / 700* 35 C Wheel
Distance coverage/ Pedalling	1st Gear - 4.00 Mtrs
	2nd Gear - 5.65 Mtrs
	3rd Gear - 7.08 Mtrs

Note: Technical Specifications are subject to change.

COLOURS :

PONY TAIL CONCEPT

GLOSSY WHITE / GREY	GLOSSY & MAT BLACK / WHITE	GLOSSY & MAT FIREFY RED/WHITE	GLOSSY & MAT STERY BLUE /WHITE	MAT BLACK / GREENISH YELLOW
--------------------------------	---------------------------------------	--	---	------------------------------------

Note: Color of the actual product may slightly vary from the image.



***Available
Colours***

GLOSSY NOBEL BLUE



GLOSSY MINERAL RED



MAT BLACK WITH GREENISH YELLOW



GLOSSY EARTH BROWN



MAT BLACK WITH RED



GLOSSY WHITE WITH GREY



GLOSSY ESPRESSO BROWN WITH WHITE



GLOSSY YELLOW WITH ORANGE



GLOSSY ULTRA PINK WITH WHITE



MAT BLACK WITH WHITE



GLOSSY FIERY RED WITH WHITE



GLOSSY STERY BLUE WITH WHITE





Mobile : +91 75500 83344

E-Mail : customercare@steedcycels.in