Length: 110 - 143 cm / 44 - 56 inch
Max weight: 48 kg / 105 lbs
Time to build: 5 hours
Before you start constructing and use our product, please carefully read the following safety warning and download our manual from our website. This safety warning and manual contains important information relating to your child's safety. It is your responsibility to review this information with your child and make sure they are fully aware of all the warnings before they start riding. Failure to follow instructions and safety precautions can result in serious injury or death.

You can find a digital copy of the manual at the following web address: www.infentorides.com

WARNING - IMPORTANT NOTICE TO PARENTS

PLEASE PRINT OUT THE MANUAL AND KEEP THE MANUAL AND THIS SAFETY WARNING IN A SAFE LOCATION FOR FUTURE REFERENCE.
SAFETY SECTION

**WARNING! PARENTAL SUPERVISION AND APPROPRIATE USE**

Like any moving product, rides made from Infento parts can be dangerous if due care and attention is not paid. To reduce the risk of serious injury: use only under close adult supervision. Parents must review the following warnings and instructions with each Infento ride that is being built. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics, and assure that young riders are able to safely and responsibly use this product. Infento recommends that you periodically review and reinforce the information in this manual with younger riders, and that you inspect and maintain your child’s Infento rides to insure their safety.

**WARNING! RIDING ON INFento RIDES CAN BE A DANGEROUS ACTIVITY**

Riding on Infento rides can be a dangerous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. Rides made from Infento parts can and are designed to fail without fault of the manufacturer. Certain conditions may cause the equipment to fail without fault of the manufacturer. Use only under close adult supervision. Parents must review the following warnings and instructions with each Infento ride that is being built. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics, and assure that young riders are able to safely and responsibly use this product. Infento recommends that you periodically review and reinforce the information in this manual with younger riders, and that you inspect and maintain your child’s Infento rides to insure their safety.

**WARNING! NO LIABILITY FOR CONSTRUCTED RIDES THAT DIFFER FROM OUR MANUALS**

The rides that you can find in our manuals have been tested by official independent testing agencies. We will not be responsible or liable, directly or indirectly, in any way for any loss or damage of any kind incurred as a result of your decision to build constructions or rides that differ from the official rides that we show in our manuals.

**ASSEMBLY – SUBSECTION**

**WARNING! OUR KITS CONTAIN SMALL PARTS**

This package contains small parts which, before assembly, present a choking hazard to children under the age of three. Care should be taken during unpacking and assembly to insure that all small parts and plastic bags are accounted for and kept out of the reach of children.

**WARNING! TO AVOID SERIOUS INJURY:**

1. Toys are to be assembled by an adult using Infento manuals.
2. All fasteners (bolts and nuts) should be fully tightened.
3. It is the responsibility of the adult who assembles this bicycle to properly install all parts included in the factory sealed shipping carton and to make the adjustments to the functional parts such as handle bar and seat and chain when necessary.

**USE – SUBSECTION**

**WARNING! TO AVOID SERIOUS INJURY:**

1. Continuous adult supervision is required.
2. Only ride constructed rides that have been built according to the instructions given in the official Infento manual.
3. Never exceed the maximum weight. You can find the maximum weight for every specific ride in our manual.
4. Always check the manual to see the minimum and maximum age as well as the minimum and maximum length for every specific ride.
5. Always wear safety equipment such as a helmet, knee pads and elbow pads. We recommend riders always wear a properly fitted helmet that complies with local or national guidelines or laws. Keep chinstrap of helmet securely buckled.
6. Always wear closed toed shoes (lace-up shoes with rubber soles), never ride barefooted or in sandals, and keep shoe laces tied and out of the way of the wheels.
7. Avoid streets and surfaces with water, sand, gravel, dirt, leaves, and other debris. Wet weather impairs traction, braking and visibility.
8. Excessive exposure to sunlight, temperatures below 0 degrees Celsius, water, sand, gravel, dirt, leaves, and other debris can damage, shrink, expand or weaken parts. Keep your ride in a dry environment with proper heating.
9. Avoid sharp bumps, drainage grates and sudden surface changes. Your Infento ride may suddenly stop.
10. Ride on smooth, paved surfaces away from motor vehicles. Wet, slick or uneven and rough surfaces may impair traction and contribute to possible accidents.
11. Never risk damaging surfaces, such as carpet or flooring, by use of an Infento ride indoors.
12. Never use near motor vehicles, streets, roadways, alleys, swimming pool areas, hills, steps, sloped driveways, inclines and public highways.
13. Watch out for pedestrians, skaters, skateboards, scooters, bikes, children or animals who may enter your path, and respect the rights and property of others.
15. Do not use at night or in periods with reduced visibility.
16. Before every use, please make sure that the complete ride and all joints have been assembled tightly, as with use, joints may wear out.
17. Before using your Infento ride, please check that the screws are tightened securely.
18. It’s your own responsibility if you modify the product other than manufacturer’s instructions.
19. Maintain a hold on the handlebars at all times.
20. Brake will get hot from continuous use. Do not touch after braking.
21. Periodically check hardware and tighten if necessary. Replace worn or broken parts immediately.
22. Skill is required to avoid falls or collision causing injury to the user and third parties.
23. Check operation of breaks every time before bicycle is ridden. Never tow wagons, other vehicles, or children on skateboards.
24. Check local laws before you start with riding.
25. Never tow wagons, other vehicles, or children on skateboards.
26. Make certain that anyone who uses an Infento ride has been fully instructed in its operation.
27. Instruct your child on how to use the breaks.
28. Do not perform stunts.
29. Never use headphones or a cell phone when riding.
30. Only one rider at a time on an Infento ride.
31. Do not allow children to stand on the product at any time.

**FAILURE TO USE COMMON SENSE AND HEED THE ABOVE WARNINGS INCREASES RISK OF SERIOUS INJURY. USE WITH APPROPRIATE CAUTION AND SERIOUS ATTENTION TO SAFE OPERATION.**
SAFETY SECTION

OUR KITS CONTAIN SMALL PARTS
This package contains small parts which, before assembly, present a choking hazard to children under the age of three. Care should be taken during unpacking and assembly to insure that all small parts and plastic bags are accounted for and kept out of the reach of children.

QUESTIONS? HELP NEEDED?
You can email us at: support@infentorides.com and our team will assist you as soon as possible.

MAINTENANCE | INSTRUCTION

1. Oil or grease moving parts periodically.
2. Check nuts and bolts often and tighten if necessary.
3. Any parts showing evidence or wear should be replaced immediately.
4. Follow closely the assembly instructions pertaining to the proper adjustments of parts.
5. Periodically check the brake system for proper function.
6. Periodically check the steering mechanism for proper function.
7. Check the air pressure in the tires to be the amount specified in the manual.
8. Periodically check the bicycle’s tooth belt to be sure that it is not too lose which could allow the chain to slip off the sprockets.

RECOMMENDED TOOLS

4 x Allen key
3, 4, 5, 6 mm

1 x Tapeline

1 x T-handle
for Allen key

5 x Wrench
10, 13, 14, 15, 19 mm
First, get all required materials stated here and then follow the instructions.

**Material List**
- Bolt M8x20 (low head) 1x
- T-Positioning block 2x
- L-joint 1x
- Profile 17.32 inch | 440 mm 1x

**Instructions**

Tighten the bolts with full force. Ensure that you hold the long side of the Allen key in your hand as this enables you to exert greater force.

**Double Check**

Double check here: Does your result looks exactly like the image at the bottom of the page?

In frames like this you can find some background facts about technique.
TOP 3 REQUIREMENTS MAKING A GREAT INFENTO EXPERIENCE:

1. Tighten bolts with full force (15Nm) to prevent them from coming loose.

2. Constructing and playing always under supervision of an adult.

3. Check frequently if all parts are still firmly tightened and function properly.
If your protect cap has a hole, use a M8x12 countersunk bolt to fasten it.

Double check here: Does your result looks exactly like the image at the bottom of the page?
Use the Allen key handle so you can tighten the bolt well.
The positioning blocks are some of the smallest Infento parts but they are also some of the most important. They ensure that everything connects to each other properly. This prevents parts from twisting and coming loose when under pressure. Therefore, always use at least two positioning blocks per block.
Depending on your Kit, the knurled discs can be of a different type, looking like this:

There are two different knurled discs. One for each corner ending in a 5 (5-15-25-etc. degrees), which has one stripe round the outside, and one for each corner that ends in a 0 (0-10-20/etc degrees), which has two stripes round the outside.
Most nuts that you use for Infento are self-locking. This means that they cannot vibrate loose. On the inside of the bolt you will see a plastic washer that ensures it cannot turn freely, even if there is no tension on the bolt.

Use the Allen key handle so you can tighten the bolt well.
The plastic parts of Infento are made using injection moulding technology where molten plastic is pressed under high pressure into a mould. A mould consists of steel blocks in which a shape is recessed.
If your Kit contains a white fastener bag with 12 Nock Washers, please follow the steps on this page. If not, please skip to the next page of the manual.

This is the U-block. Before being able to use this part, you need two Nock Washers M8-16. Press these washers into the slots.

These parts remain mounted permanently. Press firmly!
If your U-block or Kit doesn't have the M8-16 Nock Washers, you can use the regular M8-16 washers as shown here.
Depending on your Kit, the T-joint might look like this. The new T-joint doubles as a profile connector (part A).
Bolt M8x20 (low head) 1x
T-Positioning block 2x
L-joint 1x
Profile 14.17 inch | 360 mm 1x
- Bolt M8x20 (low head) 1x
- Profile nut short 1x
- T-Positioning block 2x
- L-joint 1x

1.02” | 26 mm
1x Bolt M8x20 (low head) + 1x Brake caliper holder + 1x Locknut M8 + 1x Bolt M6x16 + 2x Conical spring washer M6-10 + 2x Brake caliper

A

B

C

1 mm
Use the Allen key handle so you can tighten the bolt well.
Bolt M5x6 1x
Caliper shield 1x
Washer M8-24 1x
Spacer 0.08 inch | 2 mm 1x
Bolt M8x20 1x
Axle 6.06 inch | 154 mm 1x
Note!
The valve points downwards.

Pull the tire over the rim and inflate the tire to max 1.5 bar.
Bolt M8x20
1x
Toothed belt pulley 28T
1x
Spacer 0.2 inch | 5 mm
1x
Washer M8-24
1x
Bolt M6x20
1x
Pull the tire over the rim and inflate the tire to max 1.5 bar.

Note! The valve points downwards.
Pull the tire over the rim and inflate the tire to max 1.5 bar.

Note!
The valve points downwards.
At this side: 4 position holes.
Leave a gap of at least 0.5mm when tightening the bolts.
NUT-IN-PART-TRICK

1. Take a 5mm Allen key, slide the nut on it.
2. Stick the Allen key through the part.
3. Let the nut slide down.
2x Nut M8
2x Rod end M8
2x Steering turnbuckle 3.94 inch | 100 mm

2x

A

B
M8 Threaded rod 2x
3.94 inch | 100 mm

4x
Nut M8
internal thread

2x
Rod end M8

2x
Bolt M6x8

4x
Nut M8

2x
Bender Rod end M8 internal thread

2x
Bender M8 Threaded rod

2x
V 1.7

Stabilizer rubber 4x
855 black
1 mm

T - Positioning block

Locknut M8

A

B

C

1 mm
Adjust the distance on the leg length. Footrest just behind heels.
**A**

- Bolt M8x20 1x
- Bolt M8x20 nylock 1x (low head)
- T-Positioning block 6x

**B**

- L-joint 1x
- Multi angle joint 1x

Profile 1x

14.17 inch | 360 mm

M8x20 (low head)
A. 2x Bolt M8x20
B. 2x Profile nut short
C. 4x T-Positioning block
D. 2x Multi angle joint

Profile nut short 2x

0.79” | 20 mm

1.93” | 49 mm
Knurled disc 2 stripes
holes without thread

2x Knurled disc 2 stripes Bolt M8x35

2x Knurled disc 2 stripes Locknut M8

2x Knurled disc 2 stripes
Bolt M8x20 1x
Bolt M8x20 nylock 1x
Profile nut short 1x
T-Positioning block 4x
Multi angle joint 1x
Profile 7.87 inch | 200 mm 1x

lockbolt

0.43” | 11 mm
This side has 3 position holes.
If you have this type of seat in your Kit, please skip to the next page. If not, follow the instructions below to construct your seatboard.

Put the M6 square nuts in place before inserting the M6x50 bolts.
A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z
2x Bolt M8x35
2x Locknut M8
2x Knurled disc 2 stripes

A

B

Knurled disc 2 stripes Bolt M8x35 13x2.75-8d
2x Locknut M8
2x Knurled disc 2 stripes

Knurled disc 2 stripes Bolt M8x35 13x2.75-8d
2x Locknut M8
2x Knurled disc 2 stripes

Knurled disc 2 stripes Bolt M8x35 13x2.75-8d
2x Locknut M8
2x Knurled disc 2 stripes

Knurled disc 2 stripes Bolt M8x35 13x2.75-8d
2x Locknut M8
2x Knurled disc 2 stripes
This side has 3 position holes.
A

B

BENDR

58

Bolt M8x25
1x
Bolt M8x45
1x
Positioning block
4x
Handlebar extension
1x
Axle plate
2x
Handlebar short
1x
Profile nut short
Bolt M8x25
1x
Handgrip
2x
Extension
1x
Handlebar
1x
ride BENDER

A

B

C

check

Spacer 1x
0.2 inch | 5 mm

Epulse adapter 1x

Epulse adapter key 1x

Epulse motor 1x
**A**

4 mm

**B**

Toothed belt 100T

**C**

**D**

Bolt M8x20

Zx

1x

Toothed belt 100T
hold the arm at this position

hold in this position

tighten

hold in this position

loosen half turn
Belt shield nylon ring

A

B

C

D
Belt shield centre 46T
2x
Belt shield centre 26T 2x
Move until Click!

Move until Click!
Push until Click!

Push until Click!
Epulse 1x
battery cable 30 cm 1x
Brake cable clip

A

B

C

80 ride BENDER

Brake cable clip
battery cable 30 cm
Epulse

ride BENDER
Did you already make a ride?

You can transform it into an electric ride by replacing the bearing block (holding the cranks and pedals) with the ePulse® motor! After installing the ePulse® motor, replace the right handle grip with the ePulse throttle.

1. Attach the battery to an aluminium profile close to the ePulse® motor. The battery is ready for use right out of the box.

2. The motor has 2 plugs. Connect the battery cable to the 4-pin plug and plug it into the battery.

3. Connect the throttle cable to the 5-pin plug.

4. When both plugs are connected, you can turn on the motor by clicking the power switch on the side of the motor. This should light up red.

5. To start moving, turn the throttle towards you. This is like riding a motorcycle.

6. To reverse press the green button on the throttle. Press it again to return to forward mode.

7. You want to go faster? Turn your key to the right. Now you have access to extra speed!

8. Remember to always wear your helmet, knee pads and safety equipment such as a safety light. Always keep children under the direct supervision of an adult.

9. Always check and obey any local laws or regulations which may apply.

10. Use in snow at your own responsibility.

11. Never use near swimming pools.

12. Do not touch the ePulse® system in microwave ovens, high-pressure containers or on induction cookware.

13. Do not disassemble or modify the ePulse® system. The lithium battery inside contains safety and protection devices which, if damaged, may cause the battery to generate heat, explode or ignite.

14. Do not turn the power switch in the ePulse® system to OFF or turn the throttle unless you are seated and in a safe outdoor environment suitable for riding. Always turn the power switch to OFF before stopping of the vehicle. Never use headphones or a cell phone when riding.

15. A lithium battery must be recycled.

16. Do not put near flammable objects.

17. Do not disassemble or modify the ePulse® system. The lithium battery inside contains safety and protection devices which, if damaged, may cause the battery to generate heat, explode or ignite.

18. Do not put the ePulse® system in direct sunlight, on snow or in other high temperatures.

19. Do not disassemble or modify the ePulse® system. The lithium battery inside contains safety and protection devices which, if damaged, may cause the battery to generate heat, explode or ignite.

20. Do not use the ePulse® system on private property and on closed courses, and not on public streets or sidewalks. Do not ride your electric product in any areas where pedestrians or vehicle traffic is present.

21. It is the responsibility of the adult to educate the child.

22. Determine if you are fit to operate the vehicle and supervise use.

23. Do not turn the power switch in the ePulse® system to OFF or turn the throttle unless you are seated and in a safe outdoor environment suitable for riding. Always turn the power switch to OFF before stopping of the vehicle.

24. A lithium battery must be recycled.

25. Do not use the ePulse® system on private property and on closed courses, and not on public streets or sidewalks. Do not ride your electric product in any areas where pedestrians or vehicle traffic is present.

26. It is the responsibility of the adult to educate the child.

Let’s make your own electric ride!

Enjoy your ride! You can drive up to one hour with a fully charged battery. Done driving?

Simply switch the motor off again. The motor is fully charged when the red light on the power switch should turn off.
THANK YOU FOR READING ME!