Length 118 - 168 cm / 47 - 66 inch
Max weight 70 kg / 153 lbs
Time to build 6,5 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! 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 ensure 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 intended to move, and it is therefore possible to lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur you can be seriously injured or die, even when using safety equipment and other precautions. Ride at your own risk and use common sense.

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. 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.
24. Check local laws before you start with riding.
25. Never tow wagons, other vehicles, or children on skates or 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.

First, get all required materials stated here and then follow the 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 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.
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.

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 here:
Does your result looks exactly like the image at the bottom of the page?
Depending on your Kit, the knurled discs can be of a different type, looking like this:

There are two types of knurled discs. Please see education section.

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.
TIP!
It is best to tighten the bolt in such a way that you can still move the block and easily determine the right position with a tape measure. After that, you can then tighten the block further and you verify whether the size is correct.
When tightening the bolt always check whether the profile nut remains perfectly straight in the slot. If this becomes crooked, you can push against the side of the profile bolt with the Allen key to correct this.
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 you have the 560 mm profile in your kit, please skip to the next step. If not, you can construct it using the profile connectors A and B, as shown below.

NOTE
The profile connector (part A) has the infento word-emblem on it and doubles as a T-joint.

NOTE

T-Positioning block
Square nut M6
Bolt M6x45
Bolt M8x20
Profile connector (A)
Profile connector (B)

560 mm
200 mm
320 mm

2x
2x
1x
1x

V 1.3
NOTE
Place the profile connector in the same orientation as shown here, then follow step A.
NOTE
Place the profile connector in the same orientation as shown here, then follow step A.
If your protect cap has a hole, use a M8x16 countersunk bolt to fasten it.
1x Locknut M8
1x Bolt M8x35
1x Knurled disc 1 stripe

Protect cap
Knurled disc 1 stripe
Bolt M8x35

45°
---

**Components:**

- **A:** Profile nut short 1x
- **B:** T-Positioning block 6x
- **C:** L-joint 2x
- **D:** Bolt M8x20 (low head) 3x
- **E:** Profile 3.15 inch | 80 mm 1x

**Dimensions:**

- **Profile nut short:** 5.51” | 140 mm
- **Profile:** 15.75 inch | 400 mm
- **Axle clamp ring:** 2.67 inch | 70 mm
- **Parrellel clamp joint L-joint:** 3x

---

**Description:**

- **A:** Illustration of profile nut short components.
- **B:** Illustration of T-Positioning block and L-joint with bolt assembly.
- **C:** Illustration of profile nut short with other components.
- **D:** Illustration of axle clamp ring and parallel clamp joint.

---

*Note: The image contains diagrams and parts list for bicycle framing, specifically for BUSTER.*
1x Profile nut short
6x T-Positioning block
2x L-joint
3x Bolt M8x20 (low head)
1x Profile 3.15 inch | 80 mm

1.57" | 40 mm
BUSTER

- 2x T-Positioning block
- 2x Swivel plate
- 2x Positioning block
- 1x Bolt M8x40 ny/lock

4 mm
1x Brake caliper holder
1x Locknut M8
2x Bolt M8x20 (low head)
1x L-joint
2x T-Positioning block
1x Profile nut short

0.35" | 9 mm
Depending on your Kit, the T-joint might look like this. The new T-joint doubles as a profile connector (part A)
Protect cap 1x
Brake cable clip 1x
Bearing 2x

A

B

C

BUSTER

Bolt M8x40 nylock protection cap Bearing 2x Brake cable clip 1x Protect cap 1x

ride BUSTER

V.1.3
ride BUSTER

- Spacer 0.2 inch | 5 mm 1x
- Axle Flange 1x
- Spacer 0.39 inch | 10 mm 1x
- Axle 25.51 inch | 648 mm 1x
- Toothed belt pulley 26T 1x
- Toothed belt 100T 1x

A

- Toothed belt 100T
- 5 mm spacer

B

- Axle plate
- Toothed belt 100T
- Axle flange

C

- 16 inch | 131 mm
- 5.91 inch | 150 mm
- 21.65 inch | 550 mm
- 25.51 inch | 648 mm
- Axle 1x
Pull the tire over the rim and inflate the tire to max 1.5 bar.

Note! The valve points downwards.
Buster

- 1x Wheel lock ring 8-42
- 1x Bolt M8x20
- 1x Spacer 1.97 inch | 50 mm
- 1x 13 inch Driven wheel

A

B
38
ride BUSTER

A

B

C

Bolt M5x6 2x
Brake caliper 1x
Caliper shield 1x
Bolt M6x16 2x
Conical spring washer M6-10 2x

1 mm

Steering plate
Brake caliper
1x
Pull the tire over the rim and inflate the tire to max 1.5 bar.

Note! The valve points downwards.
hold the arm at this position

hold in this position

hold in this position

tighten

loosen half turn

hold in this position
Use the Allen key handle so you can tighten the bolt well.

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.

4x knurled increments (each increment is 5°)
Note! The valve points downwards.

Pull the tire over the rim and inflate the tire to max 1.5 bar.
V 1.3

ride BUSTER

48

Bolt M8x20 1x
Wheel lock ring 8-42 1x
Spacer 0.08in | 2 mm 1x
13 inch free spinning wheel 1x

A
B

Steering flange
Wheel lock ring 8-42
Bolt M8x20
Spacer 0.08in | 2 mm
13 inch free spinning wheel

A
B

Steering flange
Wheel lock ring 8-42
Bolt M8x20
Spacer 0.08in | 2 mm
13 inch free spinning wheel

A
B

Steering flange
Wheel lock ring 8-42
Bolt M8x20
Spacer 0.08in | 2 mm
13 inch free spinning wheel
1x Locknut M8
1x Knurled disc 2 stripes
1x Bolt M8 x 35

70°
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.

4x knurled increments (each increment is 5°)
52

ride BUSTER

---

V 1.3

---

**Components:**
- Locknut M8: 2x
- Bolt M8x60: 2x
- Washer M8-16: 2x
- Steering arm: 1x (2.76 inch | 70 mm)

**Dimensions:**
- Steady metal: 0.2 mm

---

**Instructions:**

**A:**
- Assemble the components as shown.

**B:**
- Ensure all parts are tightly secured with the provided fasteners.

**C:**
- Adjust the steering arm to the desired position.

**D:**
- Fine-tune the adjustments using the provided washers.

---

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Note! The valve points downwards.

Pull the tire over the rim and inflate the tire to max 1.5 bar.
Bolt M8x20 1x
Wheel lock ring 8-42 1x
Spacer 0.08 inch | 2 mm 1x
13 inch free spinning wheel 1x

A

B
ride BUSTER

A

B

70°

Knurled disc 2 stripes
1x

Locknut M8
2x

Bolt M8x35
2x

++

++

V 1.3
2x T-Positioning block
2x Bolt M8x20
2x Profile nut short

Profile nut short
Bolt M8x20 (low head)
T-Positioning block

6.54" | 166 mm
Use the Allen key handle so you can tighten the bolt well.
A

B

C

0.39" | 10 mm
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.
Leave a gap of at least 0.5mm when tightening the bolts.
Tighten this nut later after the steering rod is mounted on the steering arm and steering plate.
ride BUSTER

Nut M8 8x
Conical spring washer M8-13 8x
Bolt M8x45 4x

0.08” | 2 mm

2x
Brake caliper holder Bolt M6x25
Locknut M6
Bolt M8x60
Bolt M6x8
4x
1x
Washer M8-16
1x

A

B

V 1.3
A
check

B

C

ride BUSTER

A

B

C

nylon ring

Belt shield

2x
Move until Click!

Move until Click!
Push until Click!

Belt shield profile top 7.67 inch | 197 mm 2x
Belt shield profile bottom 7.67 inch | 197 mm 2x
2x
Protect cap
Knurled disc 1 stripe
Locknut M8
Bolt M8x35
Knurled disc 2 stripes
Bolt M8x35
Locknut M8

A
Bolt M8x20 (low head) 2x
Bolt M8x20 2x
L-joint 2x
Multi angle joint 2x
T-Positioning block 8x
Profile 6.30 inch | 160 mm 2x

At this side: 4 position holes.

M8x20 (low head)

2x
Protect cap
Knurled disc 1 stripe
Locknut M8
Bolt M8x35
Knurled disc 2 stripes Bolt M8x35
13x2.75-8d
2x
65°
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.
Adjust the distance on the leg length. Footrest just behind heels.
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 aluminum 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. You'll feel like a real 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!

Enjoy your ride! You can drive up to one hour with a fully charged battery. Done driving? Please make sure you switch your motor off again. The red light on the power switch should turn off.

**ATTENTION**

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.

**IMPORTANT**

1. The ePulse® system has to be assembled by an adult using Infento manuals.
2. Packaging must be retained since it contains important information.
3. Only use battery(ies) supplied by Infento and intended for the Infento ePulse® system.
4. Only use the battery charger supplied by Infento and intended for the Infento ePulse® system.
5. Ride on smooth, paved, level surfaces away from motor vehicles. Wet, slop and uneven and rough surfaces may impair traction and contribute to possible accidents.

**USE AND MAINTENANCE OF CHARGER**

- Do not operate the charger near water or other high temperature locations. Do not place the ePulse® system in direct sunlight, or use or store the ePulse® system inside cars in hot weather.
- The charger supplied with the ePulse® system is only to be charged by an adult who has read and understood the safety warnings and instructions. The charger must be used for the ePulse® system in the event of damage, the ePulse® system must not be charged. If the charger is damaged, it must be replaced.
- The charger is to be used by a person with sufficient knowledge of electrical systems.
- Do not use the charger near the ePulse® system if it is damaged in any way. A damaged charger can cause electrical damage to the ePulse® system.

**WARNING**

1. Not suitable for children under 36 months due to its maximum speed.
2. To be used under the direct supervision of an adult.
3. Always check and obey any local laws or regulations which may apply to the use of an electric ride-on product. The ePulse® system is only for children aged 6-14.
4. Only use battery(ies) intended for the ePulse® system (battery inside).
5. 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.
6. Do not expose the ePulse® system to water or other liquids.
7. Do not operate the charger near water or other high temperature locations. Do not place the ePulse® system in direct sunlight, or use or store the ePulse® system inside cars in hot weather.
8. Do not immerse this electric product in water, as the electrical components and battery could get damaged by water or possibly create unsafe conditions.
9. Do not use the charger near water or other high temperature locations. Do not place the ePulse® system in direct sunlight, or use or store the ePulse® system inside cars in hot weather.
10. Do not touch the battery on your product when in use (or after using) as it can become very hot.
11. Do not touch the motor on your product when in use (or after using) as it can become very hot.
12. In the event the battery(ies) or the fuel gets into eyes, do not rub the eyes. Rinse with cold water and immediately seek medical care. If the moulded, the battery fluid could cause damage to the eyes.
13. Infento will not be responsible or liable, directly or indirectly, in any way for any loss or damage of any kind occasioned as a result of your decision to use the ePulse® system in a different way than we describe in our instructions and manuals.
THANK YOU FOR READING ME!