



SCIENCE TOYS

2026 PRODUCT CATALOG

MAKING LEARNING PLAYING



WE ARE MANUFACTURER

"BYJARDA" is a professional production of STEAM SCIENCE TOYS factory, which is located in Guangdong, China. Our parent factory "HB TOYS"  was founded in 2001, originally specializing in the production of RC CARS, and set up a new company "GUANGDONG BYJARDA SCI&TECH CO.,LTD" in 2020, extending the field of STEAM SCIENCE TOYS. And we have our own brand "BYJARDA", which takes "MOVE YOUR HANDS. DISCOVER SCIENCE" as the product design concept.

With more than 20 years of factory production experience, we have 3 large workshops: Workshop 1 producing RC CAR, Workshop 2 producing STEAM SCIENCE TOYS, Workshop 3 producing OEM and ODM products. We keep moving forward with high quality management and excellent development team, creating extraordinary assembled toys with unique craftsmanship. Make children play with safety and scientific experimentation is the most important factor in the design of our products. In the face of ever-increasing regulatory standards, we ensure continuous quality through regular testing and actively promote corporate social responsibility policies.

PRODUCT VALUE

- Based on STEAM concept, covering electrical, hydraulic, magnetic, optical, gyroscope, programming and other scientific mysteries, gathering scientific knowledge, DIY and model aesthetics;
- Innovative, scientific education creates opportunities for children to develop active curiosity and learn through exploration;
- Explore, design and manufacture exciting and safe toys that engage children in meaningful play experiences;
- We believe that a combination of authentic learning experiences and hands-on exploration is one of the most effective ways to engage curious children;
- Integrate social values and green awareness into our products;
- Inspire children's imagination and creativity through fun and playful ways.



OUR PARTNER

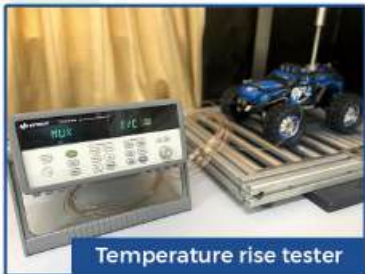
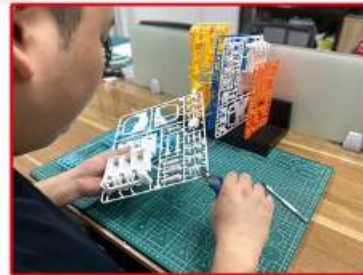




ASTM CPSIA FCC CPC UK CA CE ROHS
EN71 EN62115 RED EMC PAHS Phthalates

WELCOME TO OUR FACTORY

Engineering
and development



Temperature rise tester



Drop test

Testing equipment
Quality control



Transportation testing



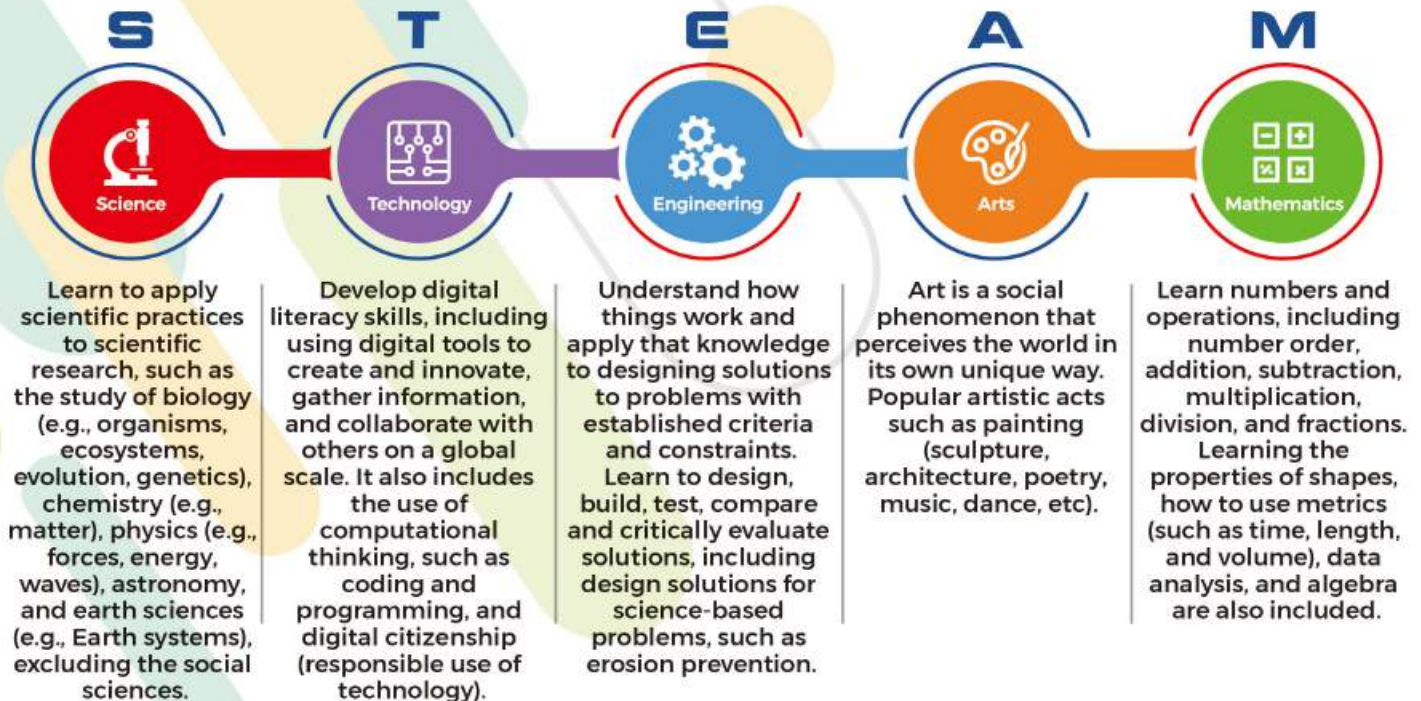
High and low temperature test



Production and
production
equipment



WHAT IS STEAM?



Every child has the potential, 99% of the effort +1% of inspiration to achieve outstanding genius

$$\infty \times 1 (\text{fun}) = \infty$$

$$\infty \times 0 (\text{fun}) = 0$$



IT'S SCIENCE, IT'S ALSO A TOY

The STEAM education concept, which has swept the world, combines science, technology, engineering, art and mathematics to encourage hands-on learning and creativity. Scientific toys are implementing the STEAM concept, allowing children to learn happily, think actively, narrow the distance between children and popular science knowledge, and play STEAM's good ability. Do it! Future scientists!



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R/C FOOTBALL BATTLE



Football fuselage
6x1.5V "AAA"
(Not included)



Remote control
4x1.5V "AAA"
(Not included)



Tabletop Soccer is a fast-paced soccer shooting and scoring game suitable for players aged 6 and up! It features a unique face-to-face match mode where players are divided into red and blue teams. Features include: ample movement range for each team's players, the ability to move left and right, remote control operation, and scoring!



ZQ0401 **new** **KIT**
BUILD & PLAY



Electronic
manual



Scan to
video tour

DEGREE OF DIFFICULTY ★★★★★

AGE 8+ with help 12+ I got this

ASSEMBLE TIME (EACH FOOTBALL) 1-1.5 HOURS

GIFT BOX SIZE 28.5X7X41.5CM

DEGREE OF DIFFICULTY ★★★★★

AGE 6+

ASSEMBLE TIME 0.5-1 HOURS

GIFT BOX SIZE 33.5X7X41.5CM

ZQ0402 **new** **RTR**
READY TO RUN



Electronic
manual



Scan to
video tour

R/C FOOTBALL BATTLE



REMOTE CONTROL

Each team (red and blue) has a remote control to move the device.



MOVE QUICKLY LEFT AND RIGHT

The aircraft can move quickly left and right to block shots from the soccer ball.



POP-UP STATUS

When the fuselage is in the ejected state, it can bounce a soccer ball.



SCORE COUNTER

One point is awarded for each goal scored, and the first team to reach 10 points wins.

Take the field and score on your opponent with speed, skill, and strategy!

Tabletop Soccer is a fast-paced soccer shooting and scoring game suitable for players aged 6 and up! It features a unique face-to-face match mode where players are divided into red and blue teams. Features include: ample movement range for each team's players, the ability to move left and right, remote control operation, and scoring!



Block, pass, score!
Improve your skills, hone your technique!
The first to reach 10 points wins!

MECHANICAL CODING ROBOT

#WL0301 **new**



Electronic manual



Scan to video tour



3x1.5V "AAA" for vehicle
(Not included)



A Motor
Gear Box
Coding Chain

DIY routes with cards!



Multiple ways to play



Optional tools
(Not included)



Product Size: 150x120x158mm
Gift Box Size: 380x65x290mm
Assembly Instruction: 210x185mm
PIECES: 87+

DEGREE OF DIFFICULTY ★★★★★

AGE 8+ with help 12+ I got this

ASSEMBLE TIME 1-2 HOURS

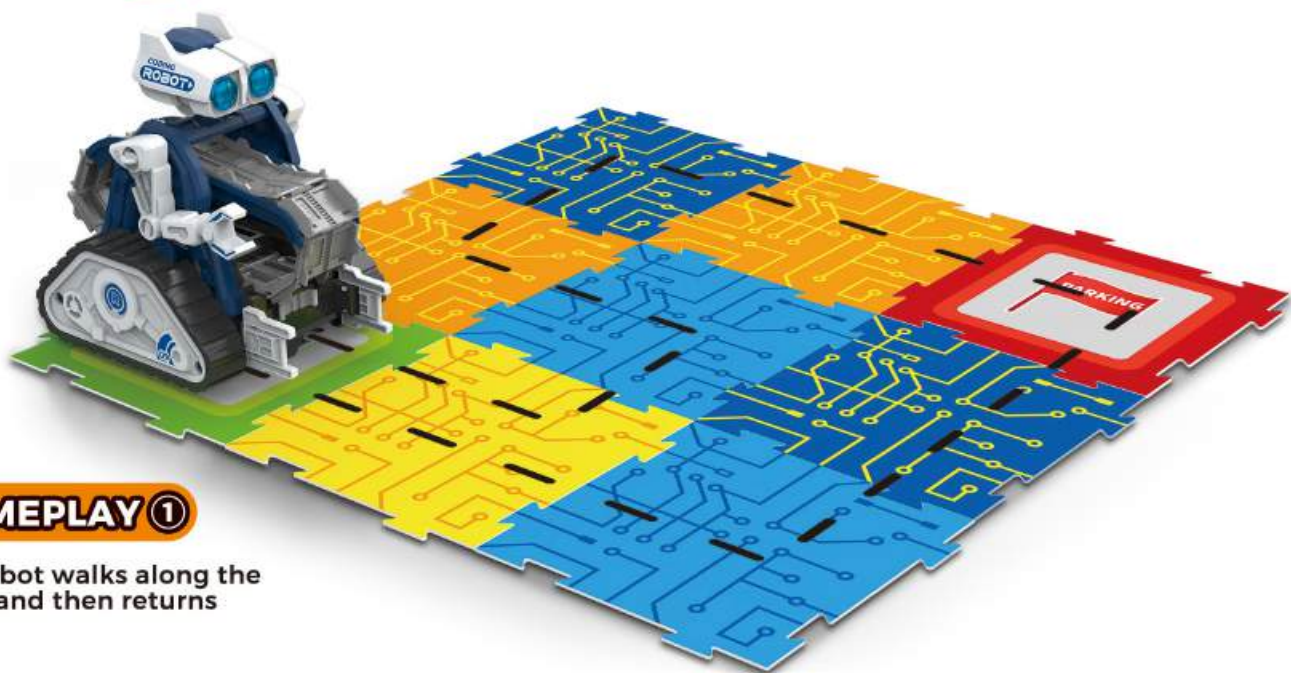
The mechanical programming robot takes the programming chain as its core. The robot will move in different directions according to the combination sequence of the programming chain and perform various tasks. The robot has two wheels, but only one motor. Through the mechanical structure, it can control the two wheels separately, with one rotating forward and the other rotating backward, thus achieving in-place rotation, as well as moving forward, backward, turning left or right. Each forward or backward movement distance is approximately 15 cm, and the left or right turning angle is approximately 90°. Start planning your route now! It's a simple and fun programming game!

PARTS LIST



MECHANICAL CODING ROBOT

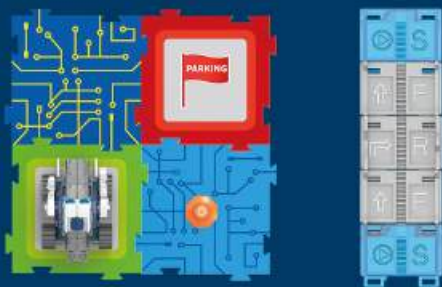
WL0301 **new**



GAMEPLAY ①

The robot walks along the route and then returns

GAMEPLAY ②



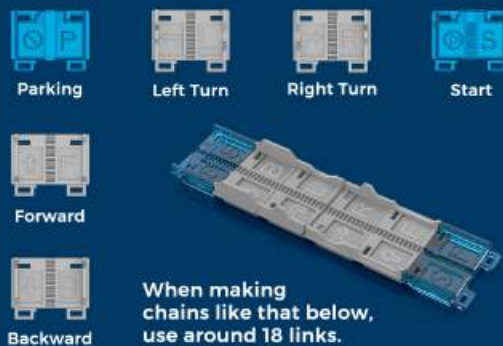
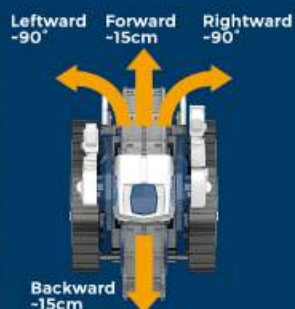
The robot should avoid the road signs and go to the red board

GAMEPLAY ③



Start from the green board and go to the red board

Link chain ends to create an ongoing cycle



SOUND CONTROL ROBOT



Electronic
manual



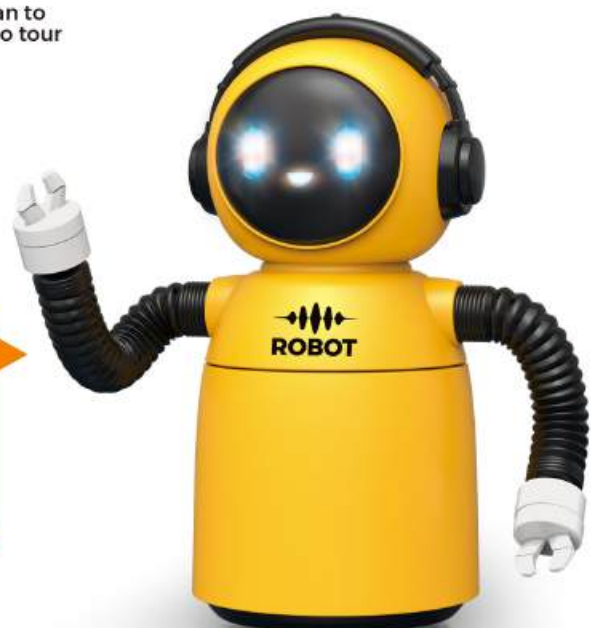
Scan to
video tour



Fuselage
3x1.5V "AAA"
(Not included)



Do you know why it's so amazing?
There is a little secret of sound
transmission hidden in its stomach!
The microphone is like a small ear,
capturing your voice vibration,
directing the robot to move forward
and turn, and easily grasp it! This is
the wonderful voice control principle
shining!



SK0401 **new**



DEGREE OF DIFFICULTY ★☆☆☆☆

AGE 5+ with help 8+ I got this

ASSEMBLE TIME 0.5 HOURS

Product Size: 120x82x168mm

PIECES: 24

Gift Box Size: 200x80x250mm

AGES 3+

Product Size: 120x82x168mm

Gift Box Size: 184x95x216mm

SK0402 **new**



DESIGN YOUR OWN ROUTES!
MARCH AROUND THE SOFA?
TACKLE AN OBSTACLE MAZE?
IT'S ALL UP TO YOUR CREATIVITY!
HANDS-ON AND BRAINS-ON FUN.



CODING & VOICE ROBOT



Electronic
manual



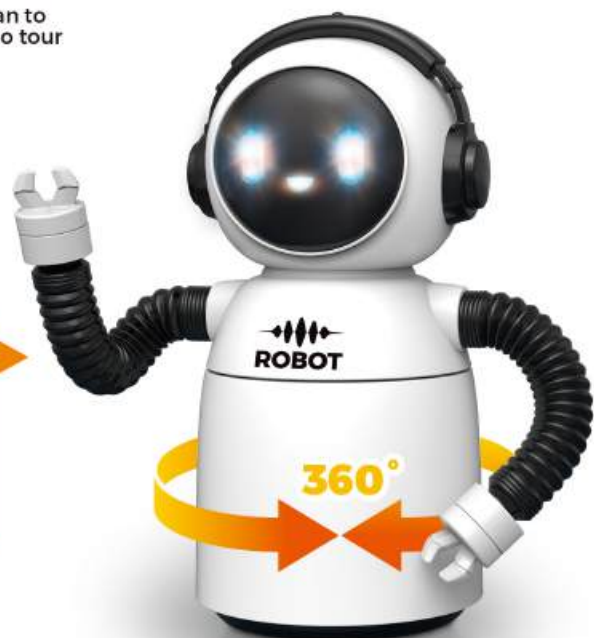
Scan to
video tour



Fuselage
3x1.5V "AAA"
(Not included)

Remote control
2x1.5V "AAA"
(Not included)

Do you know why it's so amazing?
There is a little secret of sound
transmission hidden in its stomach!
The microphone is like a small ear,
capturing your voice vibration,
directing the robot to move forward
and turn, and easily grasp it! This is
the wonderful voice control principle
shining!



SK0403 **new**



DEGREE OF DIFFICULTY ★☆☆☆☆

AGE 5+ with help 8+ I got this

ASSEMBLY TIME 0.5 HOURS

Product Size: 120x82x168mm

PIECES: 25

Gift Box Size: 220x80x280mm

AGES 3+

Product Size: 120x82x168mm

Gift Box Size: 236x95x210mm

SK0404 **new**



PROGRAMMABLE ROBOT
WITH DIRECT CONTROL!

3 IN 1 R/C ROBOT KIT

BC0103



Electronic
manual



Scan to
video tour



2.4GHz



Product Size: 165x115x168mm

Gift Box Size: 405x73x305mm

Assembly Instruction: 210x185mm 55 PAGES

PIECES: 220

DEGREE OF DIFFICULTY



AGE

8+

ASSEMBLE TIME

2-3 HOURS



4x1.5V "AAA"
for vehicle
(Not included)



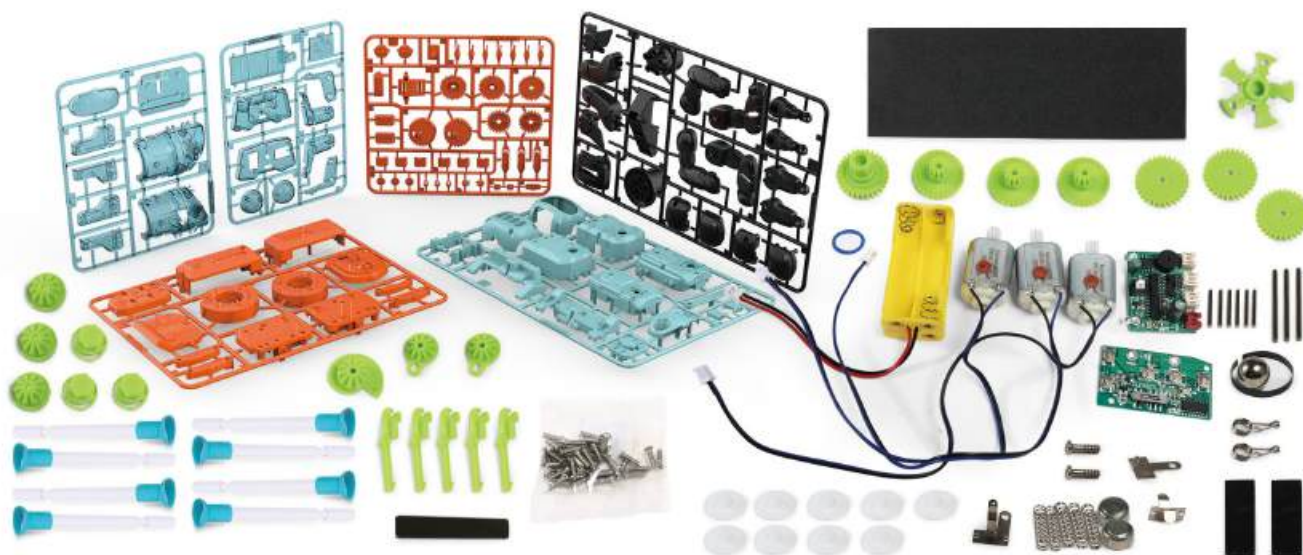
2x1.5V LR44/AG13
for controller
(included)



Optional tools
(Not included)

For the traditional remote control toys we buy a product with only one shape, do you feel boring? This 3 IN 1 R/C ROBOT has three interesting shapes: sniper marksman, soccer player, and clip player. The model is made up of 220 parts, which can be constructed in different shapes at any time, and can make a variety of actions - forward, backward, left, right, spin, kick a football, fire a bullet, pick up objects. Children understand mechanical transmission theory through self-assembly, improve hands-on ability, enhance logical thinking ability, and stimulate children's interest in science. Do it! A future scientist!

PARTS LIST



3 IN 1 CODING ROBOT KIT

BC0104



Electronic manual



Scan to video tour



SHARPSHOOTER

GRIPPER-BOT

CYCLONE BALL



2.4GHz



CODING

Product Size: 165x115x168mm

Gift Box Size: 405x73x305mm

Assembly Instruction: 210x185mm 61 PAGES

PIECES: 220

DEGREE OF DIFFICULTY



AGE

8+

ASSEMBLE TIME

2-3 HOURS



4x1.5V "AAA"
for vehicle
(Not included)



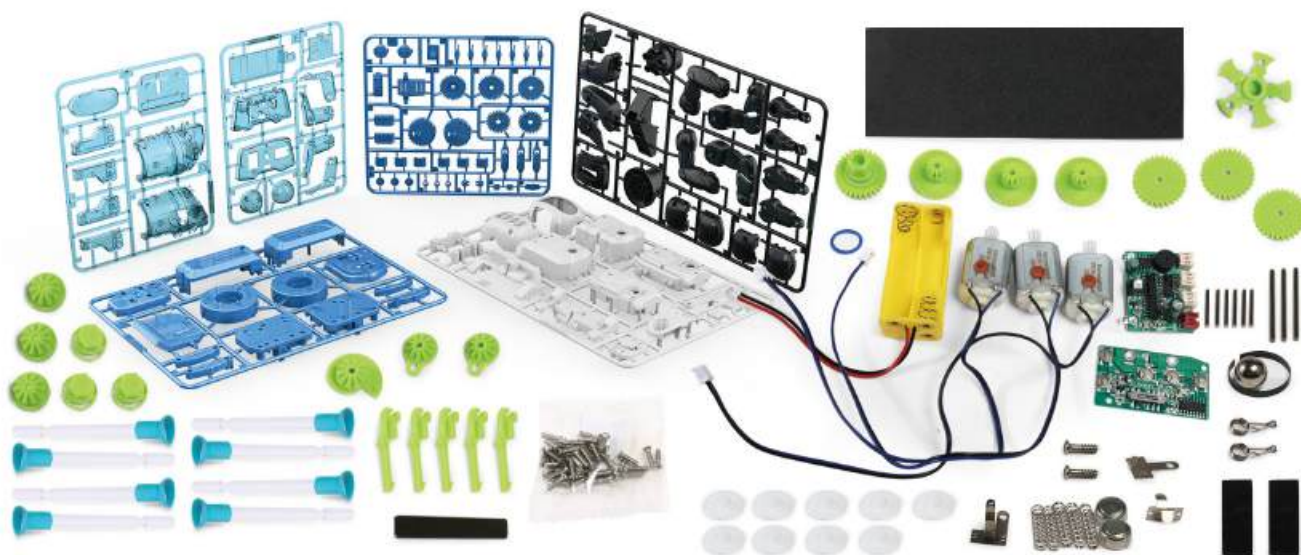
2x1.5V LR44/AG13
for controller
(included)



Optional tools
(Not included)

Walking up and down for a robot can only feel boring? Programming must use a computer? It is difficult to programming? 3 in 1 remote control programming the robot in a simple and intuitive way to solve the above troubles! Five through remote control buttons, big, the children can easily design a robot moves - forward, backward, turn left, turn right, rotate, playing football, firing bullets, picking up goods, even beginner can easily! Model is made up of 220 parts, allowing you to build different modelling of robot to make colorful movement, exercise your creativity, observation, logical ability, make your sniper sharpshooter, soccer boy and clamp master.

PARTS LIST

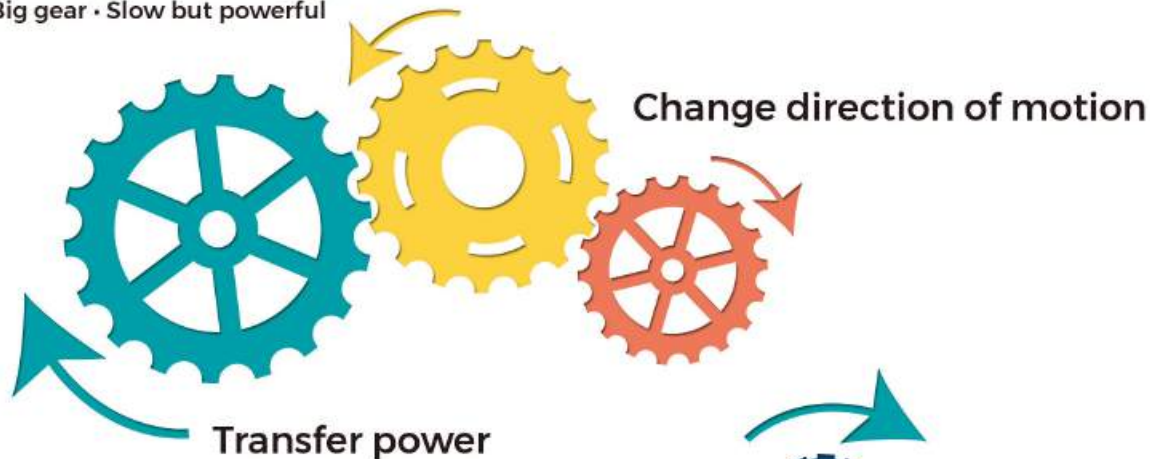


WHAT IS MECHANICAL POWER?

Use the connection between the gears • Transfer power • And when the big and small gears are interlocked • Turn one of the gears • The other gear will follow in the opposite direction • Through the direction and speed to make the machine run smoothly.

Change running speed

Big gear • Slow but powerful

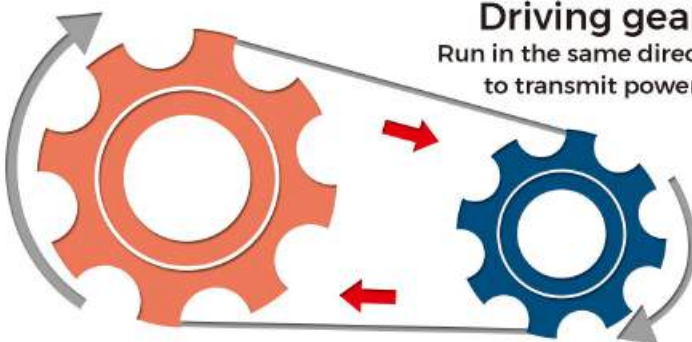


Gears drives other gears, mechanical power with fun



Driving gear

Run in the same direction to transmit power



MECHANICAL POWER



7 IN 1 ELECTRIC GYROBOT KIT # DTL0201 **new**



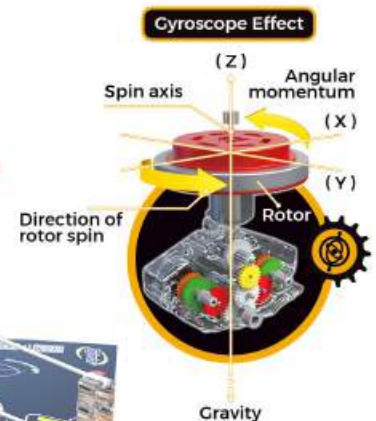
Electronic manual



Scan to video tour



BALANCE ON ALMOST ANYTHING!



Product Size: 99~150mm
Gift Box Size: 420x60x320mm
Assembly Instruction: 210x185mm
PIECES: 149

DEGREE OF DIFFICULTY ★★★★★☆

AGE 8+

ASSEMBLE TIME 2-3 HOURS

3x1.5V "AAA"
for vehicle
(Not included)

Optional tools
(Not included)

When you think of a gyro, what comes to mind? It is... Round little thing whirling around on the ground? That's not a wrong answer, but there are more possibilities! This gyro robot can be repeatedly assembled, disassembled, and then assembled into 7 different shapes, each of which has different difficulty, elevating the gyro game to another realm! From the basic gyroscope stable spinning on the spire, to the difficult gyroscope on the rope on the "tightrope", each level is challenging your skills, but also put the basic concept of gyroscope subtly into your knowledge base.



MECHANICAL POWER



6 IN 1 MECHANICAL GYROBOT KIT # STL0201 **new**



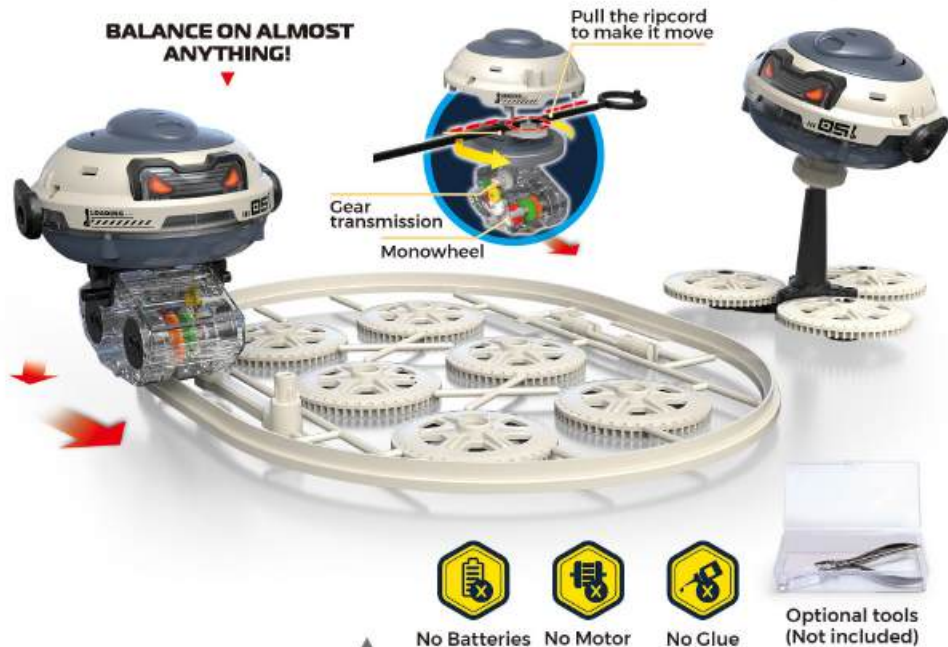
Electronic
manual



Scan to
video tour



**STAYS BALANCED
USING A GYROSCOPE**



Product Size: 99~150mm
Gift Box Size: 420x60x320mm
Assembly Instruction: 210x185mm
PIECES: 136

DEGREE OF DIFFICULTY ★★★★★☆

AGE 8+

ASSEMBLE TIME 2-3 HOURS

What do you think of when it comes to gyro? Yes... The round little thing is spinning on the ground? This answer is not wrong, but there are actually more possibilities! This gyro robot does not use batteries or motors. It can be repeatedly assembled, disassembled and assembled into 6 different shapes. Each modeling game has different difficulty, elevating the gyro game to another level! From the basic rotation of the gyro on the steeple, to the difficult walking of the gyro on the track, each level challenges your skills, and also subtly integrates the basic concepts of the gyroscope into your knowledge base. At the same time, children can understand the theory of mechanical transmission by self-assembly, improve their hands-on ability, improve their logical thinking ability, and stimulate children's interest in science. Let's do it! Future scientists!



Much-mushroom



Dancing Robot



Balancing bicycle



Battle Vehicle



Stilt Robot



Balancing Gyrobot

MECHANICAL POWER



ELECTRIC T-REX ASSEMBLY KIT

Product Size: 237x99x158mm

PIECES: 31



Scan to video tour



The earth's dominant dinosaur 65 million years ago is about to break out of its shell! Brave little explorers, you can assemble accessories into dinosaurs, experience the realistic walking of dinosaurs, as well as sound effects and cool lights, and embark on a thrilling and thrilling prehistoric journey!



KL0201



380mm



Electronic manual



2x1.5V "AAA" for vehicle (Not included)



Optional tools (Not included)

ITEM NO. KL0201

DEGREE OF DIFFICULTY ★★☆☆☆

AGE 8+

ASSEMBLY TIME 1 HOURS

ITEM NO. KL0201-1

DEGREE OF DIFFICULTY ★★★★★

AGE 5+

ASSEMBLY TIME 0.5 HOURS

KL0201-1



2x1.5V "AAA" for vehicle (Included)



Electronic manual



228mm



ELECTRIC TRICERATOPS ASSEMBLY KIT

Product Size: 255x83x152mm
PIECES: 27



Scan to video tour



The earth's dominant dinosaur 65 million years ago is about to break out of its shell! Brave little explorers, you can assemble accessories into dinosaurs, experience the realistic walking of dinosaurs, as well as sound effects and cool lights, and embark on a thrilling and thrilling prehistoric journey!



KL0202



380mm



Electronic manual



2x1.5V "AAA" for vehicle
(Not included)



Optional tools
(Not included)

ITEM NO. KL0202

DEGREE OF DIFFICULTY ★★☆☆☆

AGE 8+

ASSEMBLY TIME 1 HOURS

ITEM NO. KL0202-1

DEGREE OF DIFFICULTY ★★★★★

AGE 5+

ASSEMBLY TIME 0.5 HOURS

KL0201-2



228mm



2x1.5V "AAA" for vehicle
(Included)



Electronic manual



ELECTRIC STEGOSAURUS ASSEMBLY KIT

Product Size: 260x80x132mm
PIECES: 27



Scan to video tour



The earth's dominant dinosaur 65 million years ago is about to break out of its shell! Brave little explorers, you can assemble accessories into dinosaurs, experience the realistic walking of dinosaurs, as well as sound effects and cool lights, and embark on a thrilling and thrilling prehistoric journey!



KL0203



380mm



Electronic manual



2x1.5V "AAA" for vehicle
(Not included)



Optional tools
(Not included)

ITEM NO. KL0203

DEGREE OF DIFFICULTY ★★☆☆☆

AGE 8+

ASSEMBLY TIME 1 HOURS

ITEM NO. KL0203-1

DEGREE OF DIFFICULTY ★★★★★

AGE 5+

ASSEMBLY TIME 0.5 HOURS

KL0203-1

2x1.5V "AAA" for vehicle
(Included)



Electronic manual



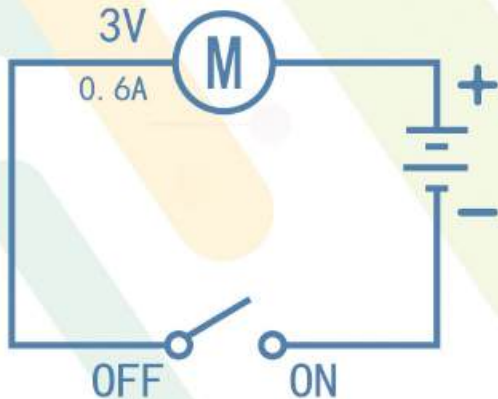
228mm



LEARN CIRCUIT PRINCIPLE

What is a series circuit ??

Several circuit elements are connected to each other along a single path, with no more than two elements at each node. This connection is called series connection. A circuit connected in series is called a series circuit.



Switch: An electronic component that can be used to break an electric circuit, interrupt electric current, or cause it to flow to another component.



Battery Case:

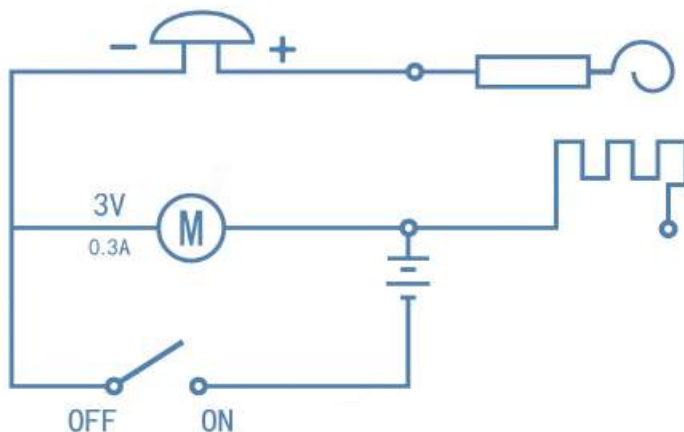
A battery is an energy source containing an active substance that generates an electric current through a chemical reaction. Two AA batteries can be installed, and the output voltage of the two batteries in series is 3V. A current fuse is connected in series inside, which can protect the circuit in case of short circuit.

Motor:

The electrical energy is converted into mechanical energy. When the motor is energized, the motor will rotate and drive the secondary wheel to rotate.

What is a parallel circuit ??

Parallel connection is a connection between components, which is characterized by connecting different components, devices positive poles, while the negative poles are also connected. It is usually used to refer to the way electronic components are connected in a circuit, which called parallel circuit.



Switch: An electronic component that can be used to break an electric circuit, interrupt electric current, or cause it to flow to another component.



Battery Case:

A battery is an energy source containing an active substance that generates an electric current through a chemical reaction. Two AA batteries can be installed, and the output voltage of the two batteries in series is 3V. A current fuse is connected in series inside, which can protect the circuit in case of short circuit.

Motor:

The electrical energy is converted into mechanical energy. When the motor is energized, the motor will rotate and drive the secondary wheel to rotate.

Buzzer:

This is an electronic sounder with integrated structure, which is powered by DC voltage. The sounding principle is composed of a vibration device and a resonance device.

VARIETY PAINTING INSTRUMENT # DL0101



Electronic
manual



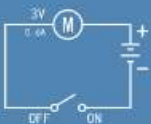
Scan to
video tour



Learn circuit principle

What is a series circuit ??

Several circuit elements are connected to each other along a single path, with no more than two elements at each node.
This connection is called series connection. A circuit connected in series is called a series circuit.



48 different patterns can be painted



2x1.5V "AA"
circuit board
(Not included)



Optional tools
(Not included)

Product Size: 160x160mm

Gift Box Size: 250x60x200mm

Assembly Instruction: 129x179mm 14 PAGES

PIECES: 37

DEGREE OF DIFFICULTY ★★☆☆☆

AGE 8+

ASSEMBLE TIME 1-2 HOURS

The painting instrument experiment is a DIY educational science set, which provides simple physical knowledge and helps to understand the basic physical theoretical concepts of circuit diagrams and gear transmission. The painting instrument experiment is specially designed for children. Through simple connection and part building block installation, children's hands-on ability and logical ability are exercised, and scientific principles are explored. The painting instrument experiment is composed of 37 parts, which can draw 48 different patterns, give full play to your imagination and feel the fun of the painting instrument experiment. Let's do it! Little scientist!

PARTS LIST



ELECTRIC MAZE EXPERIMENT

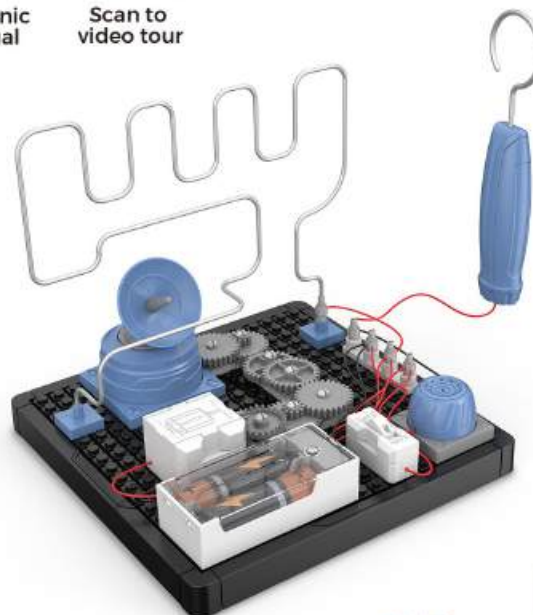
DL0102



Electronic
manual



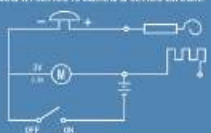
Scan to
video tour



Learn circuit principle

What is a parallel circuit ??

Several circuit elements are connected to each other along a single path, with no more than two elements at each node.
This connection is called series connection. A circuit connected in series is called a series circuit.



Product Size: 160x160mm

Gift Box Size: 250x60x200mm

Assembly Instruction: 129x179mm 12 PAGES

PIECES: 46

DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 1-2 HOURS

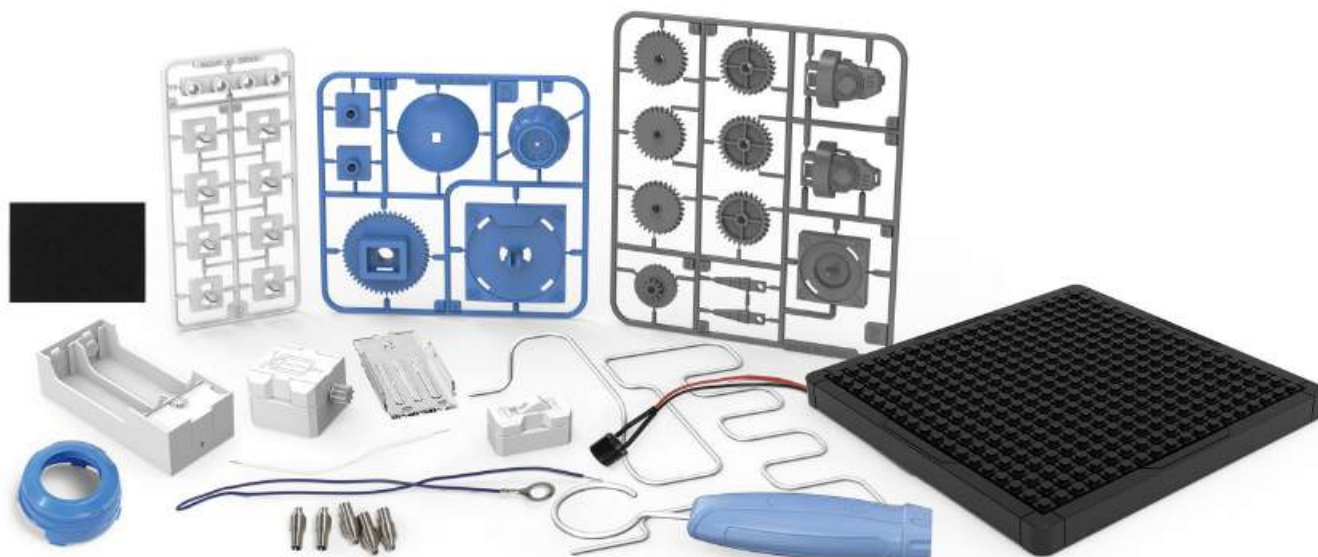
2x1.5V "AA"
circuit board
(Not included)



Optional tools
(Not included)

The electric maze experiment is a DIY educational science set that provides simple physical knowledge and helps to understand the basic physical theoretical concepts of circuit diagrams and gear transmission. The electric maze experiment is specially designed for children. Through simple connection and part building block installation, children's hands-on and logical ability are exercised. The scientific principle of the electric touch maze experiment is constructed from 46 parts to give full play to your hands-on ability and feel the fun brought by the electric touch maze experiment. Let's do it! Little scientist!

PARTS LIST



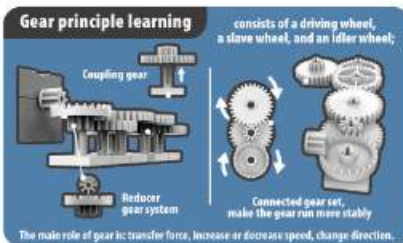
BOW AND ARROW ROTATING # DL0103



Electronic
manual



Scan to
video tour



Product Size: 160x160mm
Gift Box Size: 250x60x200mm
Assembly Instruction: 129x179mm 13 PAGES
PIECES: 67

DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 1-2 HOURS

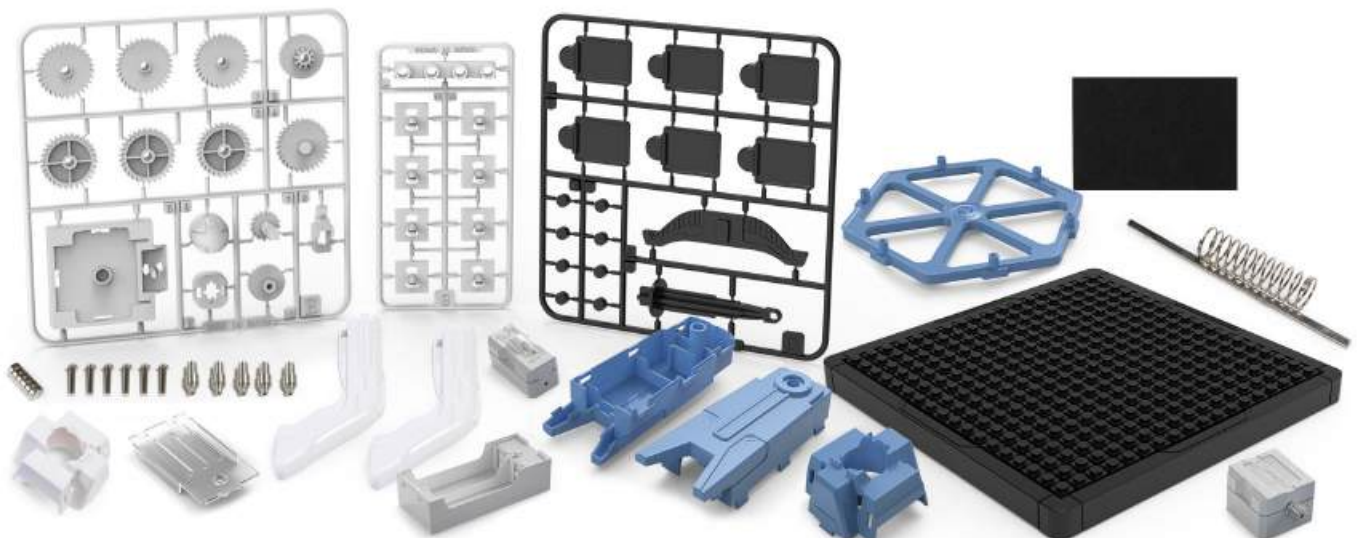


2x1.5V "AA"
circuit board
(Not included)

Optional tools
(Not included)

The bow and arrow rotation target is a DIY educational science set, which provides simple physical knowledge and helps to understand the basic physical theoretical concepts of circuit diagrams and gear transmission. The bow and arrow rotary target is specially designed for children. Through simple connection and part building block installation, it exercises children's hands-on ability, logic ability and explores scientific principles. The bow and arrow rotating target is composed of 67 parts, of which 6 are rotating targets, which test your hand-eye coordination ability and feel the fun of bow and arrow rotation target. Let's do it! Little scientist!

PARTS LIST



SOLAR ENERGY

Absorption of sunlight at wavelengths of 300nm to 1100nm • Photon energy excites silicon atoms to generate positive and negative charges • Electrons move on the semiconductor • Electricity comes and starts.

Receive a lot of energy of light

Photons with enough energy excite silicon atoms in solar panels to produce free electrons (negative charges) and holes (positive charges).



Green energy, can be used in clear weather

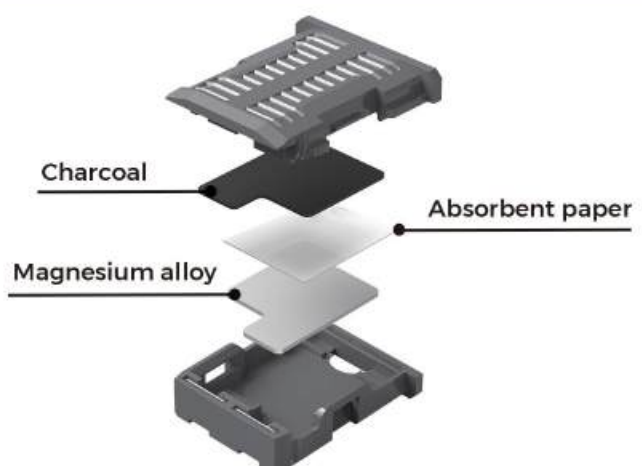


SALTWATER POWER

The non-woven fabric soaked in salt water is used as a salt bridge • The magnesium alloy sheet is mixed with salt water and air • The magnesium sheet throws electrons • The oxygen in the air obtains electrons • The ammonia and magnesium oxide products are formed • The electrons from the magnesium pass through the circuit to the air pole • The movement of electrons generates an electric current • The motor is driven.

ADD 2-5 DROPS OF SALT WATER TO DRIVE

SALT : WATER
RATIO 1 : 5



NEW ENERGY SPACE PROBE CAR

TK0201



Electronic
manual



Scan to
video tour



Product Size: 140x73x78mm

Gift Box Size: 225x67x204mm

Assembly Instruction: 140x160mm 38 PAGES

PIECES: 45

DEGREE OF DIFFICULTY



AGE

8+

ASSEMBLE TIME 1-2 HOURS



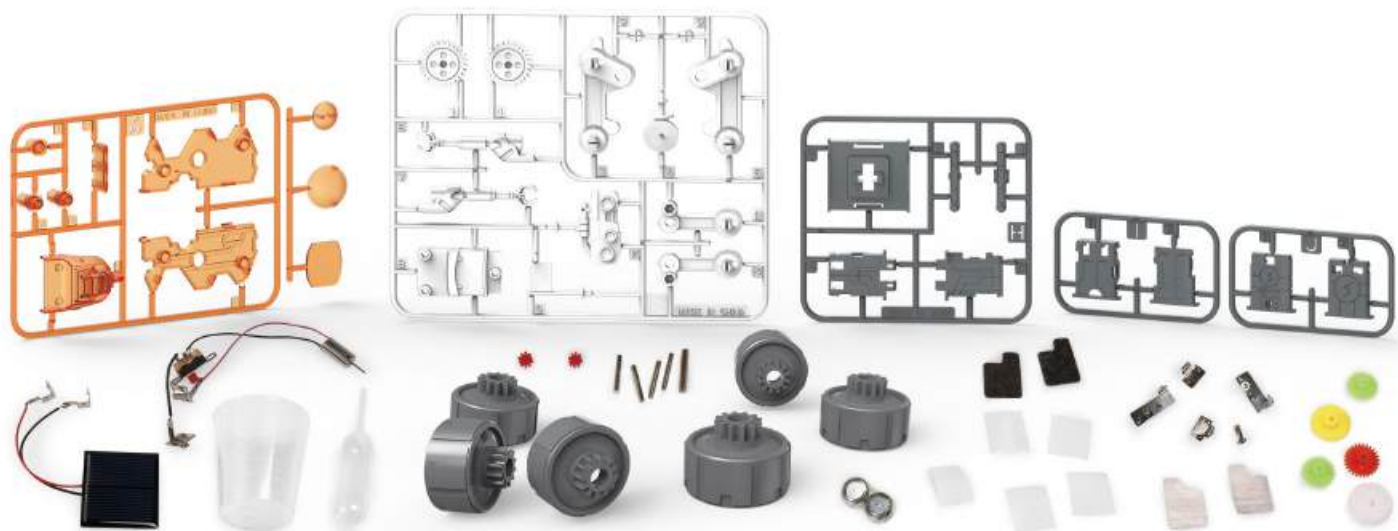
2x1.5V LR44/AG13
for controller
(included)



Optional tools
(Not included)

This is an environmentally safe, non-toxic and clean new energy toy. It has three energy modes: saltwater dynamic chemical energy, solar energy and electric energy. Children can understand the theory of mechanical transmission through self-assembly, explore the mysteries of new energy, improve hands-on ability, enhance logical thinking ability, stimulate children's interest in science and improve environmental awareness. Do it! A future scientist!

PARTS LIST



NEW ENERGY SPACE CONSTRUCTION CAR

TK0202



Electronic
manual



Scan to
video tour



2x1.5V LR44/AG13
for controller
(included)



Optional tools
(Not included)

Product Size: 140x73x76mm

Gift Box Size: 225x67x204mm

Assembly Instruction: 140x160mm 38 PAGES

PIECES: 48

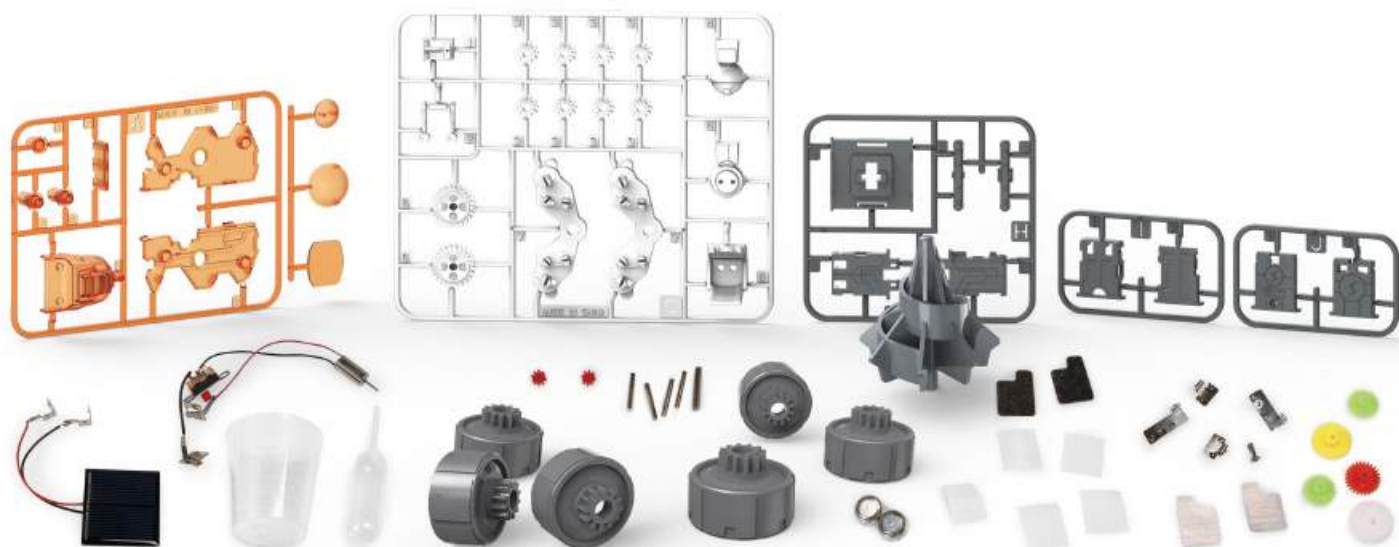
DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 1-2 HOURS

This is an environmentally safe, non-toxic and clean new energy toy. It has three energy modes: saltwater dynamic chemical energy, solar energy and electric energy. Children can understand the theory of mechanical transmission through self-assembly, explore the mysteries of new energy, improve hands-on ability, enhance logical thinking ability, stimulate children's interest in science and improve environmental awareness. Do it! A future scientist!

PARTS LIST



NEW ENERGY SPACE RAMBLER

TK0203



Electronic manual



Scan to video tour



Product Size: 89x77x115mm

Gift Box Size: 225x67x204mm

Assembly Instruction: 140x160mm 38 PAGES

PIECES: 41



2x1.5V LR44/AG13 for controller (included)



Optional tools (Not included)

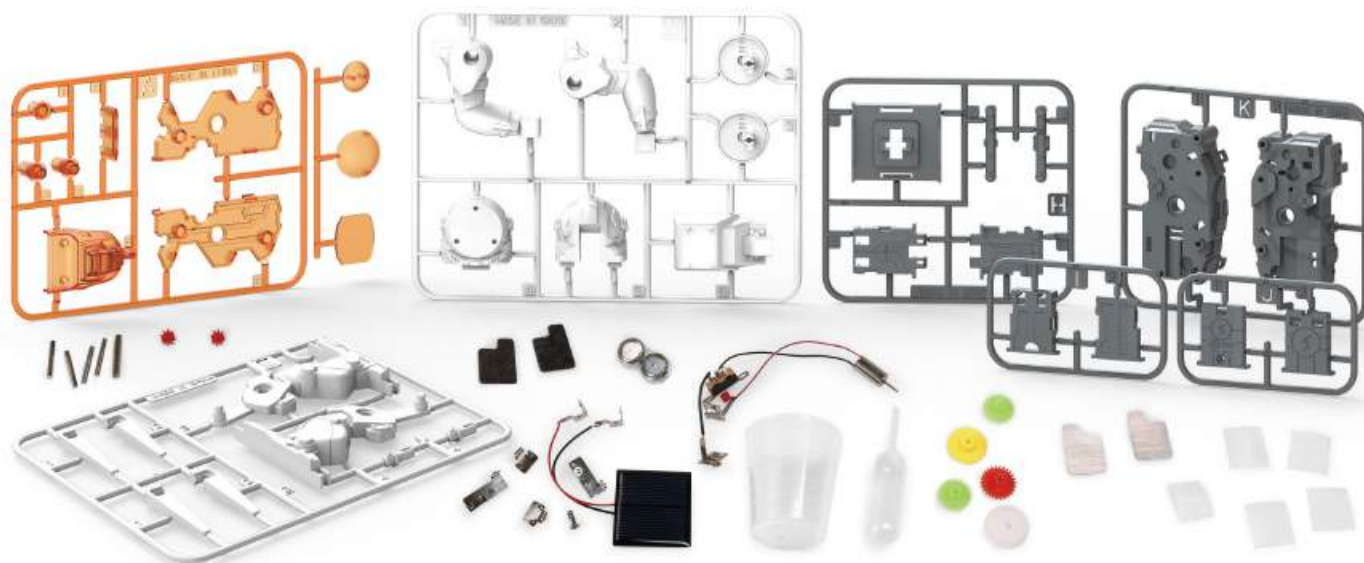
DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 1-2 HOURS

This is an environmentally safe, non-toxic and clean new energy toy. It has three energy modes: saltwater dynamic chemical energy, solar energy and electric energy. Children can understand the theory of mechanical transmission through self-assembly, explore the mysteries of new energy, improve hands-on ability, enhance logical thinking ability, stimulate children's interest in science and improve environmental awareness. Do it! A future scientist!

PARTS LIST



NEW ENERGY SPACE MECHA DOG # TK0204



Electronic
manual



Scan to
video tour



2x1.5V LR44/AG13
for controller
(included)



Optional tools
(Not included)

Product Size: 140x73x78mm
Gift Box Size: 225x67x204mm
Assembly Instruction: 140x160mm 38 PAGES
PIECES: 69

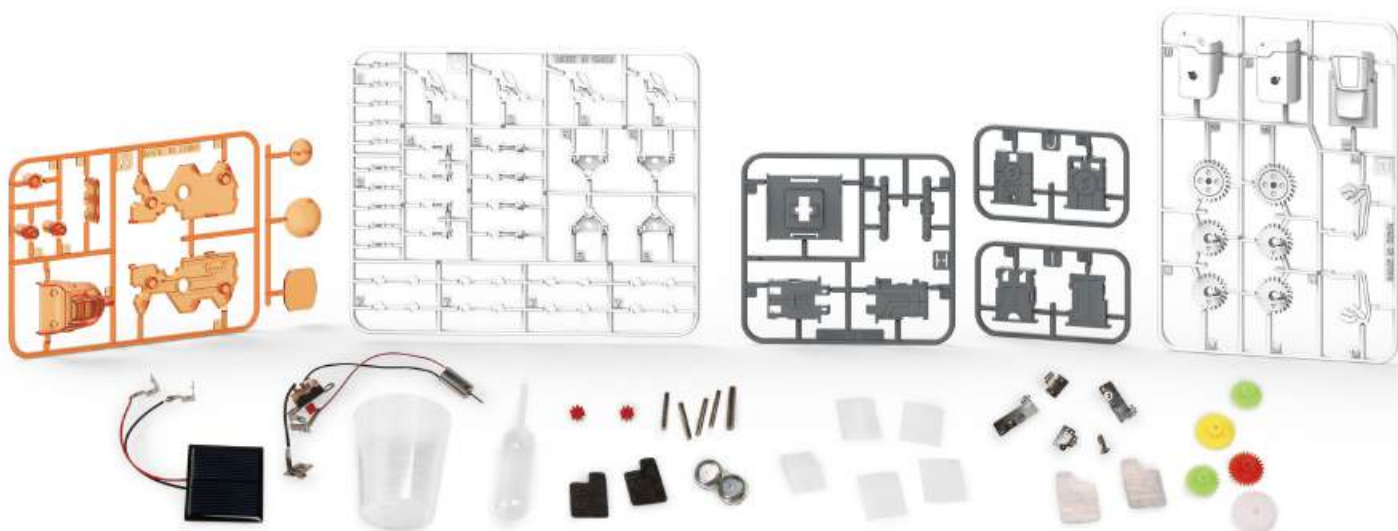
DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 1-2 HOURS

This is an environmentally safe, non-toxic and clean new energy toy. It has three energy modes: saltwater dynamic chemical energy, solar energy and electric energy. Children can understand the theory of mechanical transmission through self-assembly, explore the mysteries of new energy, improve hands-on ability, enhance logical thinking ability, stimulate children's interest in science and improve environmental awareness. Do it! A future scientist!

PARTS LIST



4 IN 1 NEW ENERY SPACE ADVENTURE

TK0205



Electronic
manual



Scan to
video tour



Product Size: 140x73x78mm

Gift Box Size: 303x64x235mm

Assembly Instruction: 140x160mm 38 PAGES

PIECES: 138

DEGREE OF DIFFICULTY



AGE

8+

ASSEMBLE TIME 1-2 HOURS

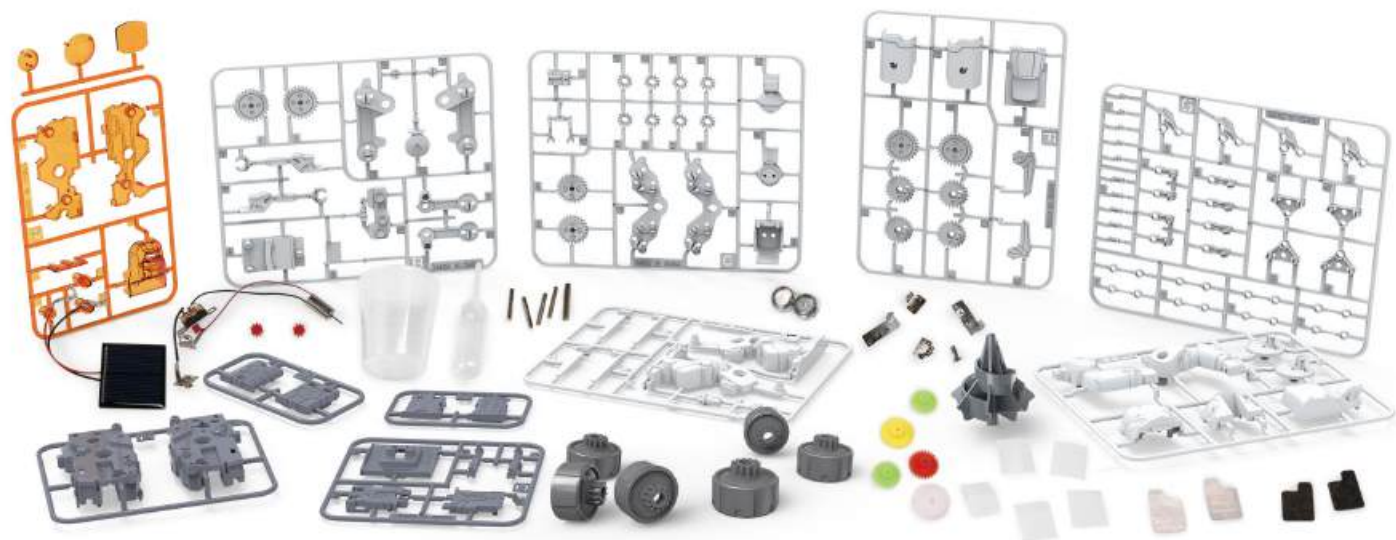


LR44
AG13
+
LR44
AG13
+
2x1.5V LR44/AG13
for controller
(included)

Optional tools
(Not included)

This is an environmentally safe, non-toxic and clean new energy toy. It has three energy modes: saltwater dynamic chemical energy, solar energy and electric energy. Children can understand the theory of mechanical transmission through self-assembly, explore the mysteries of new energy, improve hands-on ability, enhance logical thinking ability, stimulate children's interest in science and improve environmental awareness. Do it! A future scientist!

PARTS LIST



SOLAR MARS ROVER # HXC0103



Electronic
manual



Scan to
video tour



Solar power



Install 1 x 1.5 "AA" battery
to play in no sunlight



1X1.5V "AA"
(Not included)



Optional tools
(Not included)

Product Size: 140x225x119mm
Gift Box Size: 250x60x200mm
Assembly Instruction: 140x160mm 16 PAGES
PIECES: 50

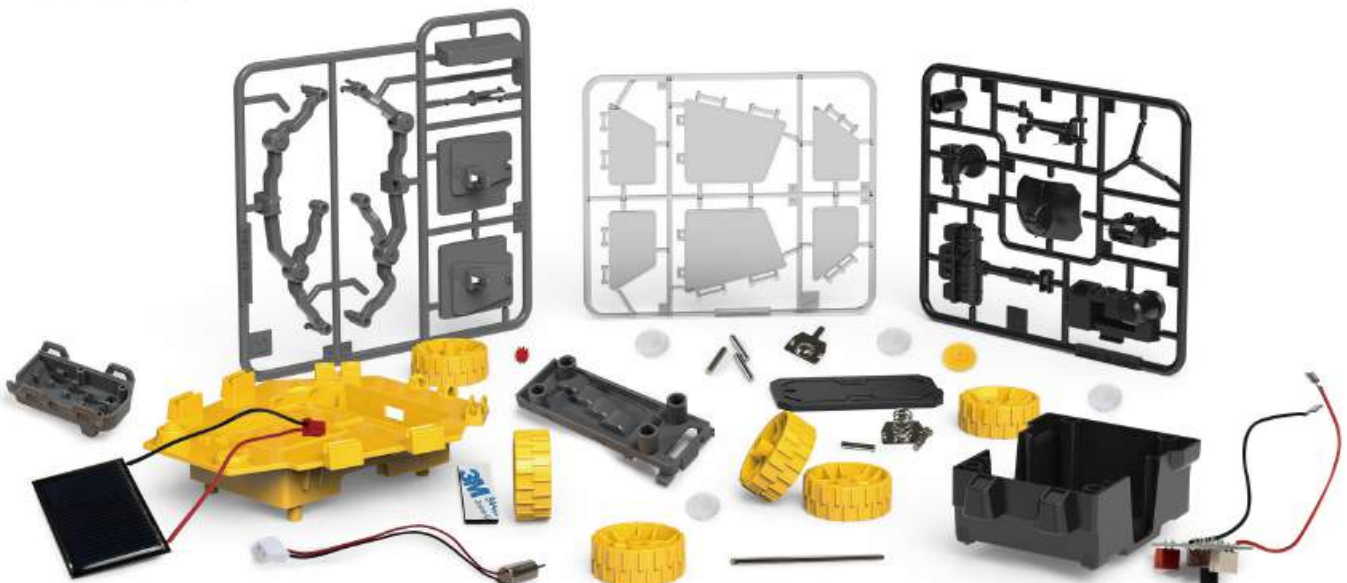
DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 0.5-1 HOURS

Drive the rover through this clean energy, and intuitively recognize the whole process of converting light energy into kinetic energy. When the sunlight intensity is low, a 1.5V AA battery can be used to drive the model. Through interesting handicrafts by this model, children can improve their hands-on ability, improve their logical thinking ability, strengthen their awareness of environmental protection, and learn simple mechanical principles. Let's do it! Our future scientists!

PARTS LIST



SOLAR MARS ROVER # HXC0104



Electronic
manual



Scan to
video tour



Intermediate gear
output power



Two modes of output
energy



1X1.5V "AA"
(Not included)



Optional tools
(Not included)

Product Size: 140x225x119mm
Gift Box Size: 250x60x200mm
Assembly Instruction: 140x160mm 16 PAGES
PIECES: 50

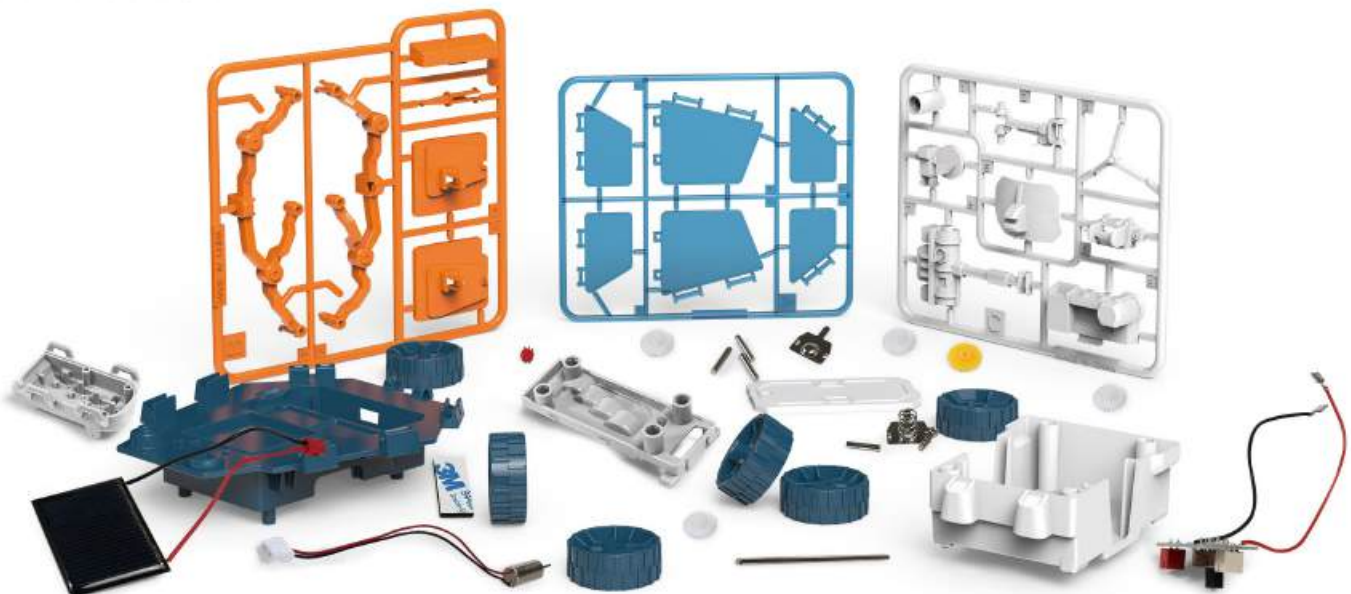
DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 0.5-1 HOURS

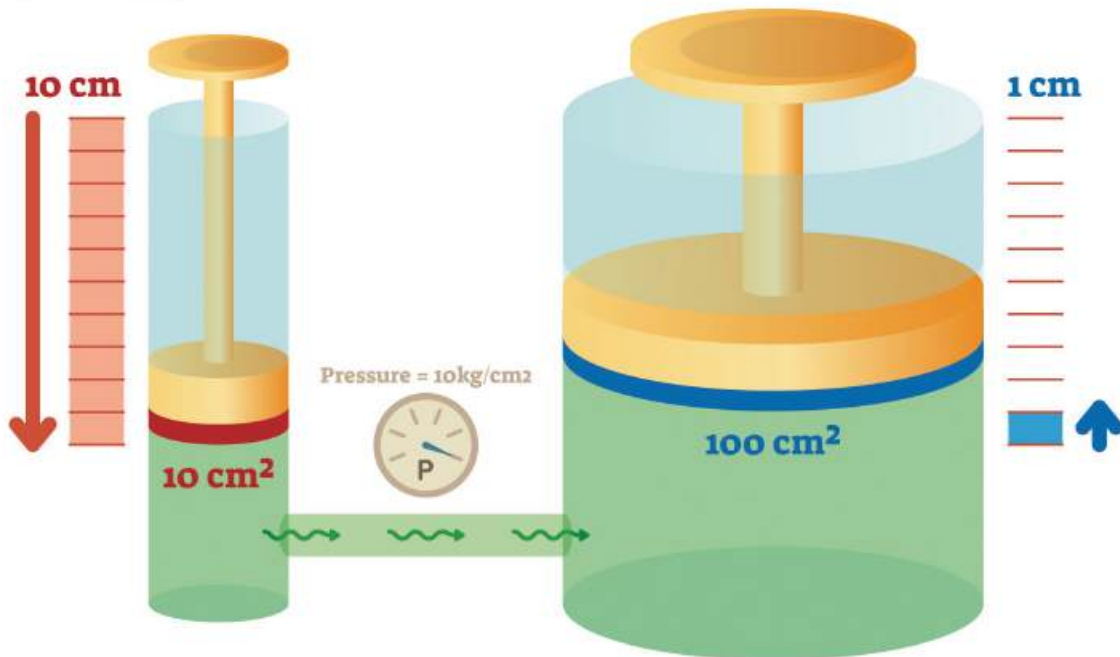
Drive the rover through this clean energy, and intuitively recognize the whole process of converting light energy into kinetic energy. When the sunlight intensity is low, a 1.5V AA battery can be used to drive the model. Through interesting handicrafts by this model, children can improve their hands-on ability, improve their logical thinking ability, strengthen their awareness of environmental protection, and learn simple mechanical principles. Let's do it! Our future scientists!

PARTS LIST



EXPLORE HYDRAULIC POWER

Hydraulic power is the use of liquid incompressible but can flow freely • Liquid in a closed container • When a part is pressurized • This pressure will be transmitted to the same amount to all parts of the liquid • To achieve linear reciprocating and rotating motion.

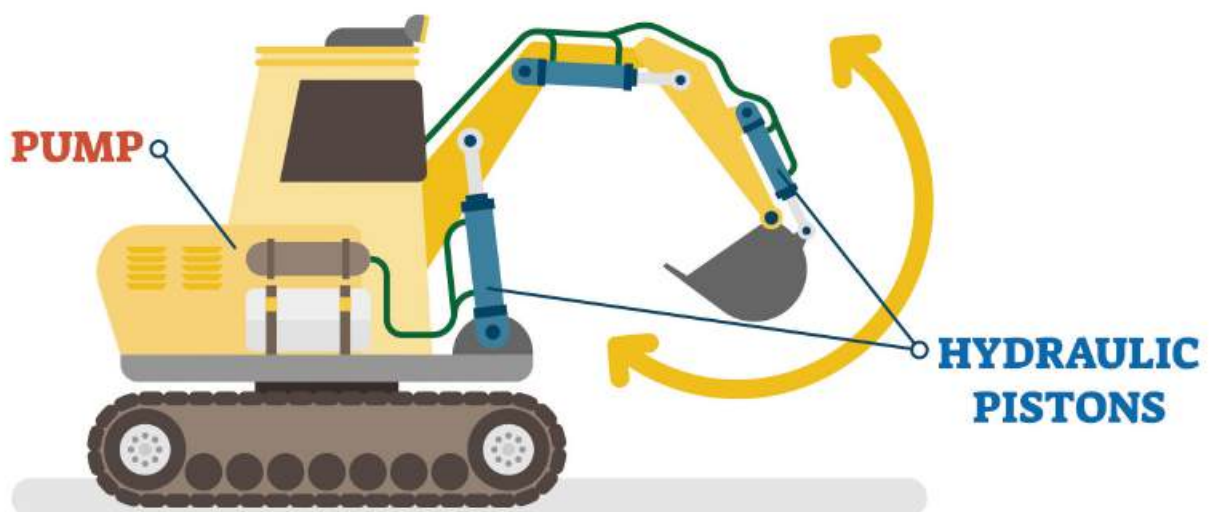


Since the first hydraulic press was created in the end 18th century, the hydraulic transmission technology has been developed for about three hundred years.

This fun Build It Yourself model uses 3 hydraulic systems to drive the model and realize the corresponding actions. It introduces kids the application of Pascal's principle and the law of conservation of energy, and nurtures children's hands-on skills and curious minds.

Learn through play makes learning fun for kids!

HYDRAULICS



HYDRAULIC



HYDRAULIC BOXING DINO #VS0301 **new**



Electronic
manual



Scan to
video tour



NO BATTERIES

NO MOTOR

NO GLUE



AMAZING RANGE OF MOTION
FOR DODGING AND PUNCHING!



High performance
hydraulic



Optional tools
(Not included)

Product Size: 141x106x163mm
Gift Box Size: 420x90x320mm
Assembly Instruction: 210x185mm
PIECES: 348

DEGREE OF DIFFICULTY ★★★★★☆

AGE 8+ with help 12+ I got this

ASSEMBLE TIME 1-2 HOURS

Do you want to experience the fun of boxers? Just a little water will make you realize an extremely exciting desktop boxing game! There are 2 boxing dinosaurs in a box. You can assemble two at a time, or let two children in the family assemble them separately. Come on, the dinosaur war is about to begin! The hydraulic rocker is flexible to control, attack, defend, dodge, counterattack, and give priority to punching at the target. Boxing dinosaurs are diverse and inclusive. Regardless of age or gender, they can play and interact to their heart's content. Unleash your potential and challenge your reaction nerves. Let's have an ultimate duel together.

PARTS LIST



HYDRAULIC



HYDRAULIC ROBOTIC ARM-FLYING DISC

JX0201 **new**



Electronic
manual



Scan to
video tour



- No Batteries
- No Motor
- No Glue
- Ambidextrous



Mode 1: Clip



Mode 2: Launch a flying
saucer



High performance
hydraulic



Optional tools
(Not included)

Product Size: 353x153x68mm
Gift Box Size: 420x90x320mm
Assembly Instruction: 210x185mm
PIECES: 106

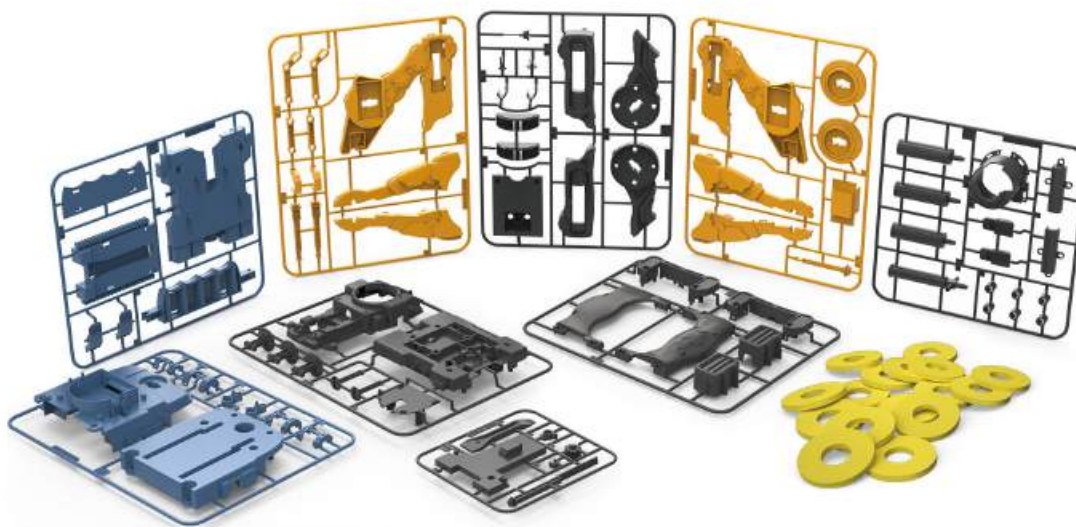
DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 2-3 HOURS

With just a little water! Let you own a dominating robot! In an ever-changing era, owning a hydraulic manipulator can keep you at the cutting edge of the times! Hydraulic manipulators combine science, technology, engineering, and mathematics in the fields of science. Without requiring batteries or motors, they can convert power through water pressure to trigger mechanical transmission. You can not only launch 8 safety foam flying saucers successively, but also pick up various items such as bottles, balls, and blocks. This is a fun challenge, which is suitable for both left and right hands. Through the theory of hydraulic power, children can assemble them themselves to improve the hands-on ability and stimulate interest in science. Let's do it! Future scientists!

PARTS LIST



HYDRAULIC



HYDRAULIC ROBOTIC ARM-FLYING DISC

JX0202 **new**



Electronic
manual



Scan to
video tour



- No Batteries
- No Motor
- No Glue
- Ambidextrous



Mode 1: Clip



Mode 2: Launch a flying
saucer



High performance
hydraulic

Optional tools
(Not included)

Product Size: 353x153x68mm
Gift Box Size: 420x90x320mm
Assembly Instruction: 210x185mm
PIECES: 106

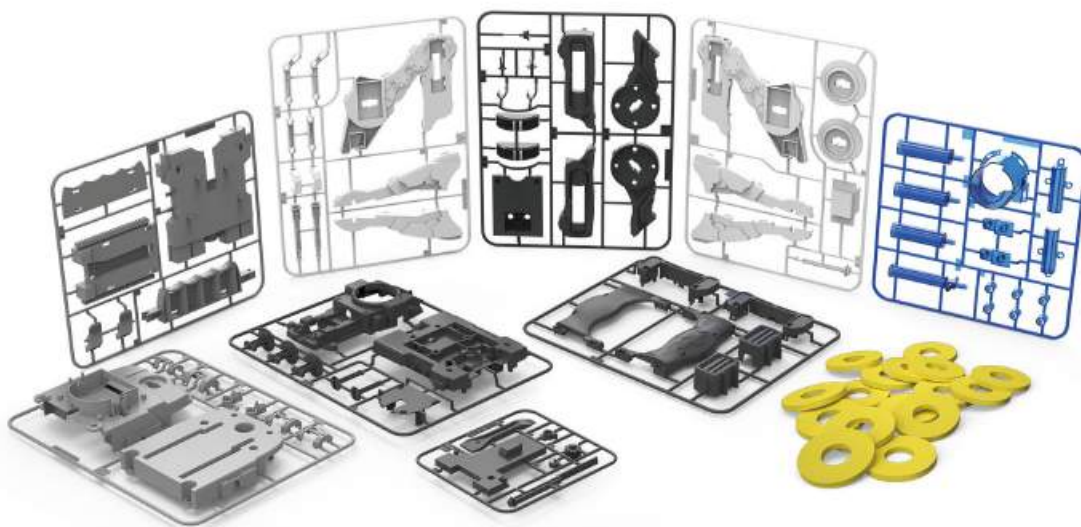
DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 2-3 HOURS

With just a little water! Let you own a dominating robot! In an ever-changing era, owning a hydraulic manipulator can keep you at the cutting edge of the times! Hydraulic manipulators combine science, technology, engineering, and mathematics in the fields of science. Without requiring batteries or motors, they can convert power through water pressure to trigger mechanical transmission. You can not only launch 8 safety foam flying saucers successively, but also pick up various items such as bottles, balls, and blocks. This is a fun challenge, which is suitable for both left and right hands. Through the theory of hydraulic power, children can assemble them themselves to improve the hands-on ability and stimulate interest in science. Let's do it! Future scientists!

PARTS LIST



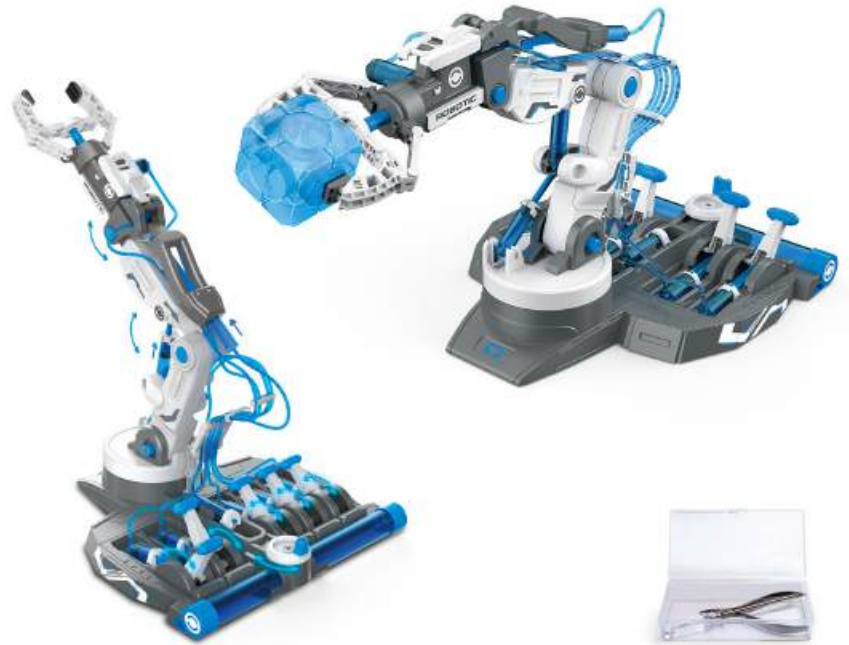
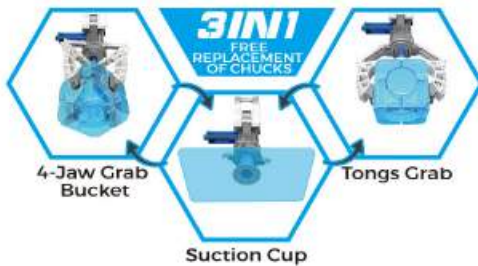
3 IN 1 HYDRAULIC ROBOT ARM # YYB0101



Electronic
manual



Scan to
video tour



Optional tools
(Not included)

Product Size: 460x260x300mm
Gift Box Size: 405x105x295mm
Assembly Instruction: 188x175mm 65 PAGES
PIECES: 220

DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 3-5 HOURS

It's a robotic arm that no need battery and motor, just need water to drive your robotic arm. By converting the hydraulic pressure into power, the joystick can easily control the various joints movements of the robotic arm. There is the interesting fact that modern machinery uses hydraulic power to assist in various tasks. The robotic arm consists of 220 components, which can exercise children's logical skills and hands-on skills, and explore scientific principles. The robotic arm has three functional modes: 4-jaw grab bucket, tongs grab, suction cup. Fly your imagination to enjoy the joy of the hydraulic robotic arm. Let's do it, little scientist!

PARTS LIST



3 IN 1 HYDRAULIC ROBOT ARM # YYB0102



Electronic
manual



Scan to
video tour



Optional tools
(Not included)

Product Size: 460x260x300mm

Gift Box Size: 405x105x295mm

Assembly Instruction: 188x175mm 65 PAGES

PIECES: 220

DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 3-5 HOURS

It's a robotic arm that no need battery and motor, just need water to drive your robotic arm. By converting the hydraulic pressure into power, the joystick can easily control the various joints movements of the robotic arm. There is the interesting fact that modern machinery uses hydraulic power to assist in various tasks. The robotic arm consists of 220 components, which can exercise children's logical skills and hands-on skills, and explore scientific principles. The robotic arm has three functional modes: 4-jaw grab bucket, tongs grab, suction cup. Fly your imagination to enjoy the joy of the hydraulic robotic arme. Let's do it, little scientist!

PARTS LIST



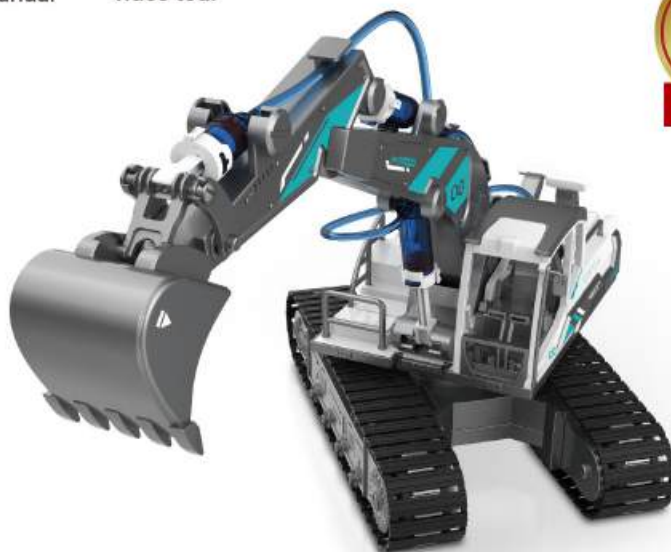
HYDRAULIC EXCAVATOR # GC0101



Electronic
manual



Scan to
video tour



Product Size: 280x115x120mm
Gift Box Size: 310x105x240mm
Assembly Instruction: 188x175mm 65 PAGES
PIECES: 130



Optional tools
(Not included)

DEGREE OF DIFFICULTY



AGE

8+

ASSEMBLE TIME

1-3 HOURS

Since the first hydraulic press was created in the end 18th century, the hydraulic transmission technology has been developed for about three hundred years. This fun build it yourself model uses 3 hydraulic systems to drive the model and realize the corresponding actions. It introduces kids the application of pascal's principle and the law of conservation of energy, and nurtures children's hands-on skills and curious minds. Learn through play makes learning fun for kids!

PARTS LIST



HYDRAULIC CRANE

GC0102



Electronic manual



Scan to video tour



Optional tools
(Not included)

Product Size: 280x115x120mm

Gift Box Size: 310x105x240mm

Assembly Instruction: 188x175mm 65 PAGES

PIECES: 130

DEGREE OF DIFFICULTY



AGE

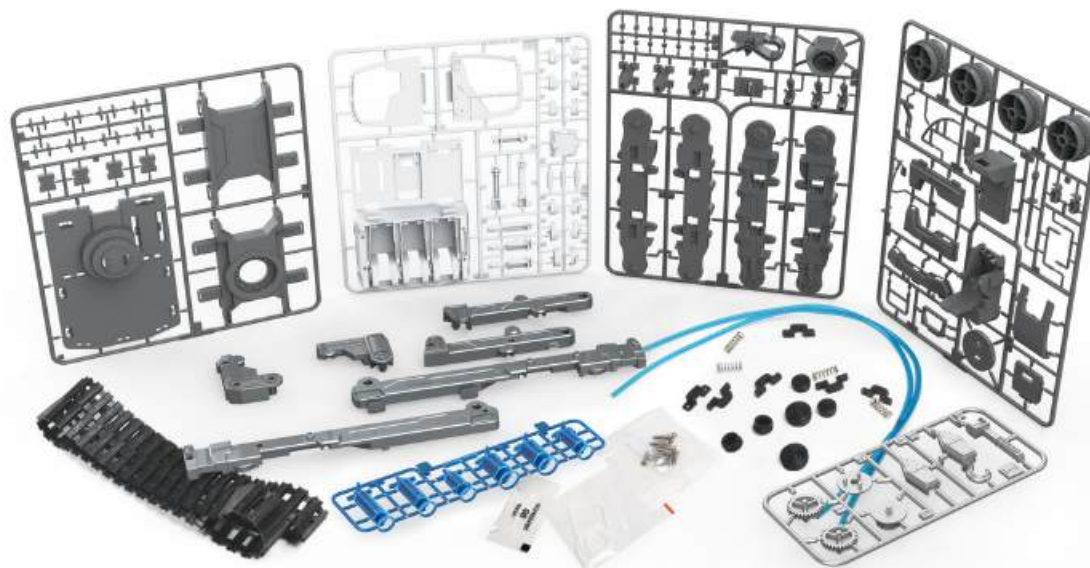
8+

ASSEMBLE TIME

1-3 HOURS

Since the first hydraulic press was created in the end 18th century, the hydraulic transmission technology has been developed for about three hundred years. This fun build it yourself model uses 3 hydraulic systems to drive the model and realize the corresponding actions. It introduces kids the application of pascal's principle and the law of conservation of energy, and nurtures children's hands-on skills and curious minds. Learn through play makes learning fun for kids!

PARTS LIST



HYDRAULIC



HYDRAULIC WOOD LOADER

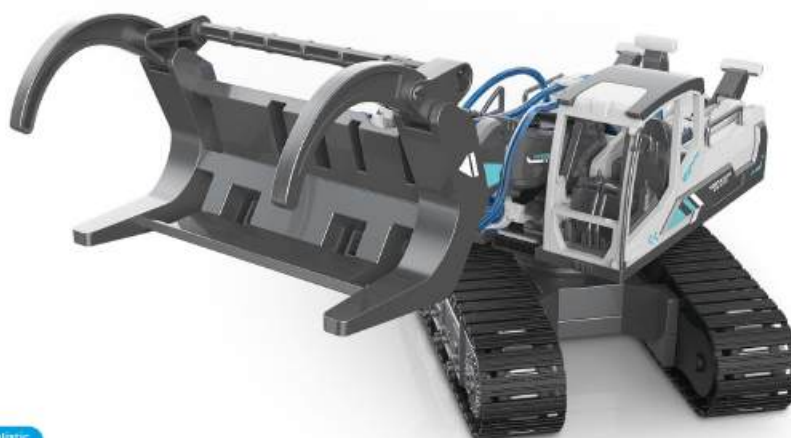
GC0103



Electronic
manual



Scan to
video tour



Product Size: 280x115x120mm

Gift Box Size: 310x105x240mm

Assembly Instruction: 188x175mm 65 PAGES

PIECES: 128



Optional tools
(Not included)

DEGREE OF DIFFICULTY



AGE

8+

ASSEMBLE TIME

1-3 HOURS

Since the first hydraulic press was created in the end 18th century, the hydraulic transmission technology has been developed for about three hundred years. This fun build it yourself model uses 3 hydraulic systems to drive the model and realize the corresponding actions. It introduces kids the application of pascal's principle and the law of conservation of energy, and nurtures children's hands-on skills and curious minds. Learn through play makes learning fun for kids!

PARTS LIST



HYDRAULIC GRAB

GC0104



Electronic
manual



Scan to
video tour



Optional tools
(Not included)

Product Size: 280x115x120mm

Gift Box Size: 310x105x240mm

Assembly Instruction: 188x175mm 65 PAGES

PIECES: 137

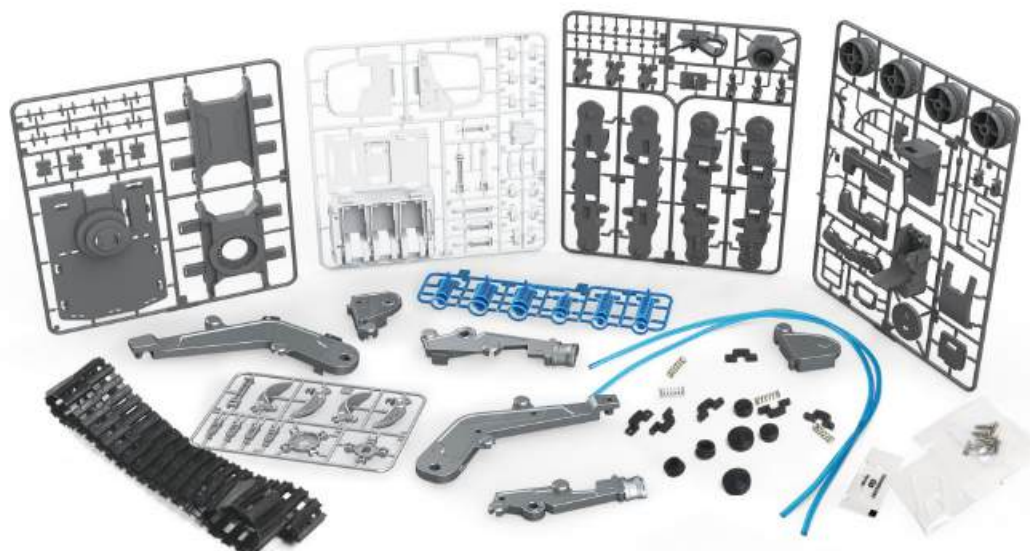
DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 1-3 HOURS

Since the first hydraulic press was created in the end 18th century, the hydraulic transmission technology has been developed for about three hundred years. This fun build it yourself model uses 3 hydraulic systems to drive the model and realize the corresponding actions. It introduces kids the application of pascal's principle and the law of conservation of energy, and nurtures children's hands-on skills and curious minds. Learn through play makes learning fun for kids!

PARTS LIST



HYDRAULIC FIRE ENGINE

GC0105



Electronic manual



Scan to video tour



Product Size: 280x115x120mm

Gift Box Size: 310x105x240mm

Assembly Instruction: 188x175mm 65 PAGES

PIECES: 127

DEGREE OF DIFFICULTY



AGE

8+

ASSEMBLE TIME

1-3 HOURS



Optional tools
(Not included)

Since the first hydraulic press was created in the end 18th century, the hydraulic transmission technology has been developed for about three hundred years. This fun build it yourself model uses 3 hydraulic systems to drive the model and realize the corresponding actions. It introduces kids the application of pascal's principle and the law of conservation of energy, and nurtures children's hands-on skills and curious minds. Learn through play makes learning fun for kids!

PARTS LIST



HYDRAULIC BULLDOZER

GC0106



Electronic manual



Scan to video tour



Optional tools
(Not included)

Product Size: 280x115x120mm

Gift Box Size: 310x105x240mm

Assembly Instruction: 188x175mm 65 PAGES

PIECES: 137

DEGREE OF DIFFICULTY



AGE

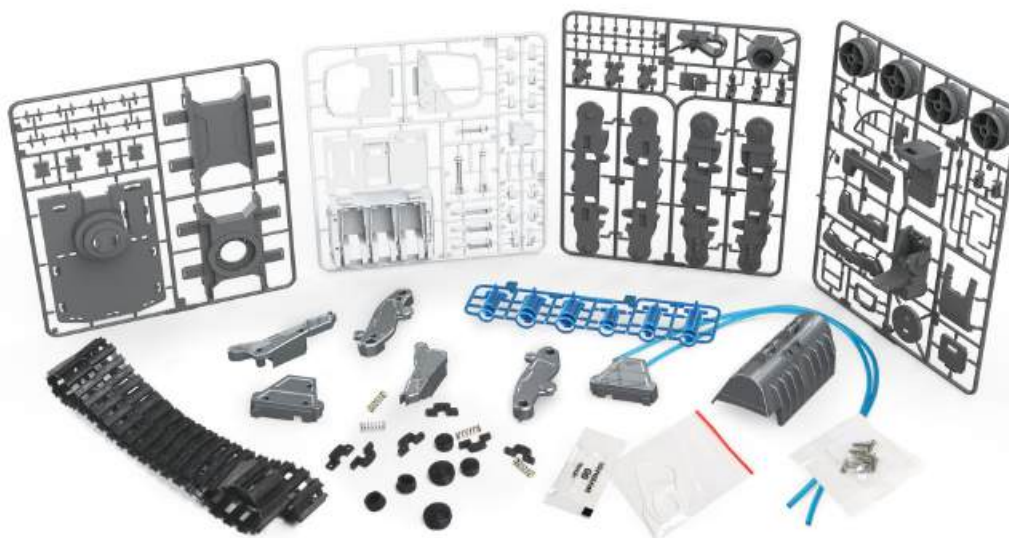
8+

ASSEMBLE TIME

1-3 HOURS

Since the first hydraulic press was created in the end 18th century, the hydraulic transmission technology has been developed for about three hundred years. This fun build it yourself model uses 3 hydraulic systems to drive the model and realize the corresponding actions. It introduces kids the application of pascal's principle and the law of conservation of energy, and nurtures children's hands-on skills and curious minds. Learn through play makes learning fun for kids!

PARTS LIST



3 IN 1 HYDRAULIC ENGINEERING # GC0107



Electronic
manual



Scan to
video tour



CRAEN



EXCAVATOR



WOOD
LOADER



Optional tools
(Not included)



Package contains 1
track base 3 replaceable
accessories

Product Size: 280x115x120mm

Gift Box Size: 409x100x242mm

Assembly Instruction: 188x175mm 65 PAGES

PIECES: 168

DEGREE OF DIFFICULTY



AGE

8+

ASSEMBLE TIME

1-3 HOURS

Since the first hydraulic press was created in the end 18th century, the hydraulic transmission technology has been developed for about three hundred years. This fun build it yourself model uses 3 hydraulic systems to drive the model and realize the corresponding actions. It introduces kids the application of pascal's principle and the law of conservation of energy, and nurtures children's hands-on skills and curious minds. Learn through play makes learning fun for kids!

PARTS LIST



3 IN 1 HYDRAULIC ENGINEERING # GC0108



Electronic
manual



Scan to
video tour



CRAB

FIRE ENGINE



Package contains 1
track base 3 replaceable
accessories

Product Size: 280x115x120mm
Gift Box Size: 409x100x242mm
Assembly Instruction: 188x175mm 65 PAGES
PIECES: 168

DEGREE OF DIFFICULTY ★★★★★

AGE 8+

ASSEMBLE TIME 1-3 HOURS

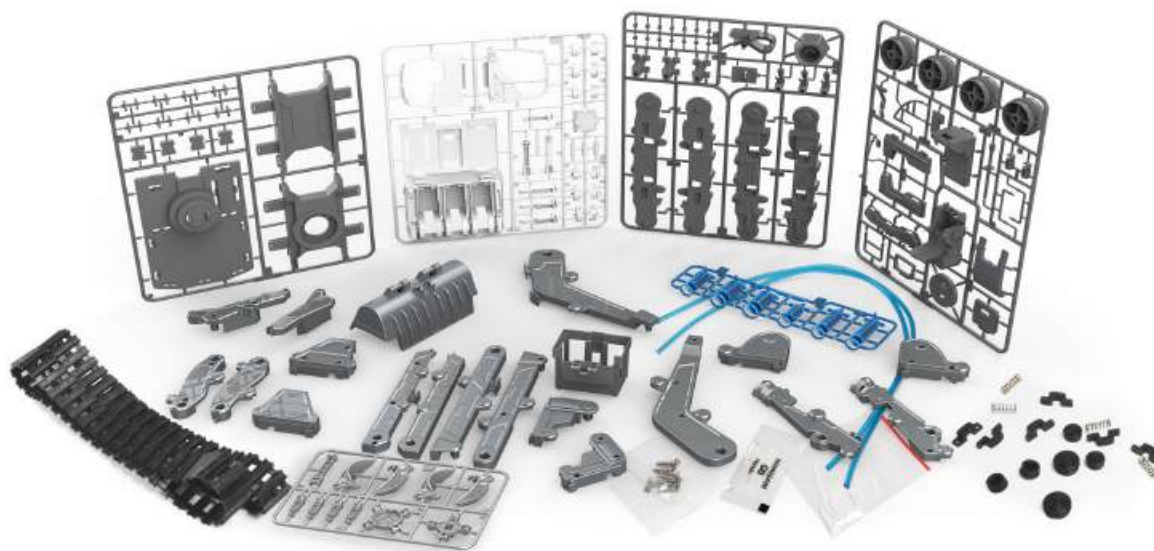
BULLDOZER



Optional tools
(Not included)

Since the first hydraulic press was created in the end 18th century, the hydraulic transmission technology has been developed for about three hundred years. This fun build it yourself model uses 3 hydraulic systems to drive the model and realize the corresponding actions. It introduces kids the application of pascal's principle and the law of conservation of energy, and nurtures children's hands-on skills and curious minds. Learn through play makes learning fun for kids!

PARTS LIST



6 IN 1 HYDRAULIC ENGINEERING # GC0109



Electronic
manual



Scan to
video tour



WOOD
LOADER



FIRE ENGINE



EXCAVATOR



CRAEN



BULLDOZER



CRAB

Product Size: 280x115x120mm
Gift Box Size: 405x105x295mm
Assembly Instruction: 188x175mm 65 PAGES
PIECES: 223



Optional tools
(Not included)

DEGREE OF DIFFICULTY



AGE

8+

ASSEMBLE TIME

1-3 HOURS

Since the first hydraulic press was created in the end 18th century, the hydraulic transmission technology has been developed for about three hundred years. This fun build it yourself model uses 3 hydraulic systems to drive the model and realize the corresponding actions. It introduces kids the application of pascal's principle and the law of conservation of energy, and nurtures children's hands-on skills and curious minds. Learn through play makes learning fun for kids!

PARTS LIST





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