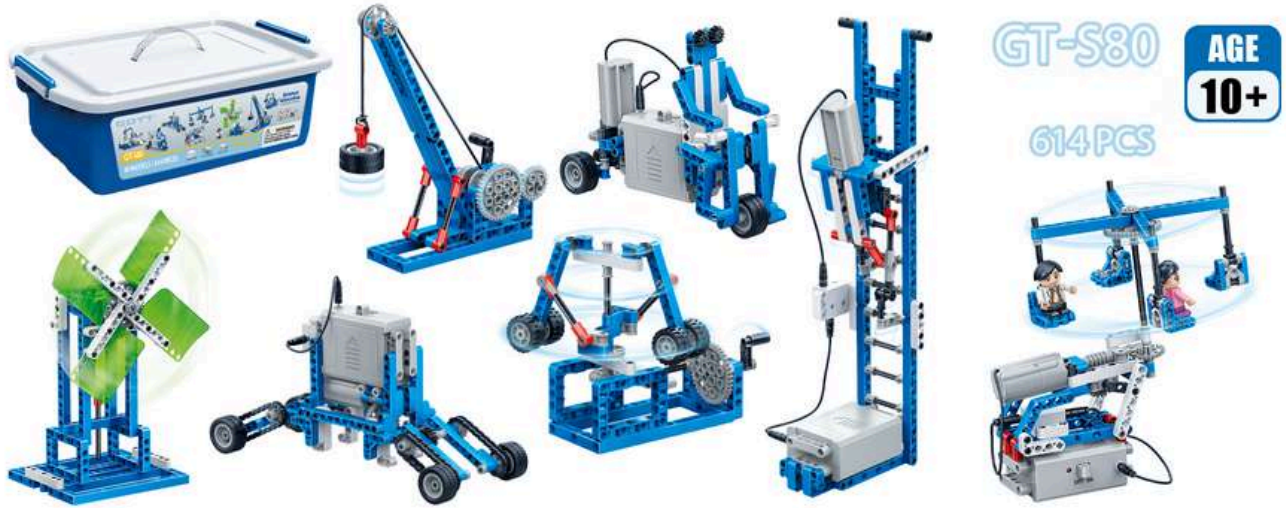


POWER MACHINERY KIT
MODEL NUMBER : GT-S80



DESCRIPTION

GOTT GT-S80 STEAM Kit is designed to inspire kids aged 10 and above to explore the world of engineering by building up to 80 motorized models. With 614 colorful, non-toxic pieces, it provides a fun and safe hands-on learning experience. The kit includes a 9V power module, high-speed motor, and interchangeable gears—perfect for demonstrating real-world engineering principles. It's an excellent way to spark creativity, develop logical thinking, and enhance problem-solving skills. Whether for home or classroom use, it's ideal for family bonding or STEAM-based learning projects.

SPECIFICATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|--|--|
| 80 kinds of building block models + full-color printing project instruction manual | <ul style="list-style-type: none"> The building block parts of this kit are dominated by blue and white, the whole is full of science and technology, which can be assembled into N models. The manual includes assembly steps of 80 kinds of models and basic instruction content for programming. | | | | | | | | |
| Age of use | 10 + and above | | | | | | | | |
| Main Component | 1 pcs high speed motor / 9V to 5V module | | | | | | | | |
| Intellectual Development | Develop hand-eye coordination, logical thinking, creativity, color and shape recognition, spatial imagination ability, patient and problem-solving skills. | | | | | | | | |
| Number of building Blocks | This playset contains 614 large and flexible parts and pieces that allow young builders to create designs of varying sizes and difficulty. Each piece is a bright color to make every creation stand out! | | | | | | | | |
| Building Blocks | <table border="0"> <tr> <td data-bbox="548 1425 841 1524"> 1. Blue Beams - Long Beam (15 holes): x4 - Medium Beam (9 holes): x8 - Short Beam (5 holes): x20 </td> <td data-bbox="873 1425 1151 1537"> 5. Wheels & Mobility - Large Wheel (Ø56mm): x5 - Small Wheel (Ø32mm): x4 - Tire (Rubber): x2 </td> </tr> <tr> <td data-bbox="548 1549 735 1648"> 2. Plates - 4x6 Plate: x8 - 2x4 Plate: x4 - Curved Plate: x2 </td> <td data-bbox="873 1570 1097 1648"> 7. Decorative Elements - Window Panel: x6 - Grill Piece: x4 </td> </tr> <tr> <td data-bbox="548 1673 794 1797"> 3. Gears & Axles - 8-Tooth Gear: x46 - 24-Tooth Gear: x3 - 6mm Axle (Long): x16 - 4mm Axle (Short): x14 </td> <td data-bbox="873 1682 1109 1793"> 8. Fasteners - Blue Friction Pin: x46 - Black Bushings: x8 - Red Clips: x2 </td> </tr> <tr> <td data-bbox="548 1822 773 1919"> 4. Connectors - 3-Pin Connector: x6 - Cross Block: x7 - Angle Joint: x8 </td> <td data-bbox="873 1822 1114 1906"> 9. Tools - Brick Separator: x1 - Assembly Wrench: x2 </td> </tr> </table> | 1. Blue Beams - Long Beam (15 holes): x4 - Medium Beam (9 holes): x8 - Short Beam (5 holes): x20 | 5. Wheels & Mobility - Large Wheel (Ø56mm): x5 - Small Wheel (Ø32mm): x4 - Tire (Rubber): x2 | 2. Plates - 4x6 Plate: x8 - 2x4 Plate: x4 - Curved Plate: x2 | 7. Decorative Elements - Window Panel: x6 - Grill Piece: x4 | 3. Gears & Axles - 8-Tooth Gear: x46 - 24-Tooth Gear: x3 - 6mm Axle (Long): x16 - 4mm Axle (Short): x14 | 8. Fasteners - Blue Friction Pin: x46 - Black Bushings: x8 - Red Clips: x2 | 4. Connectors - 3-Pin Connector: x6 - Cross Block: x7 - Angle Joint: x8 | 9. Tools - Brick Separator: x1 - Assembly Wrench: x2 |
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SPECIFICATION

| | |
|------------------------------|--|
| <p>Sensors</p> | <p>9V to 5V Module</p> <ul style="list-style-type: none"> • Ultra-Efficient Voltage Regulation: Converts 9V input to stable 5V output with 92% efficiency (ideal for Arduino/Raspberry Pi projects). • Plug-and-Play Design: No soldering required; supports 2A continuous current for high-demand devices. <p>High Speed Module</p> <p>9V Power Module</p> |
| <p>Programming Interface</p> | <p>Visual Building Guide</p> |
| <p>Material</p> | <p>Non-Toxic ABS Plastic</p> |
| <p>Key Learning Outcomes</p> | <ul style="list-style-type: none"> • Programming Robotics • Engineering Basics • Cognition and Insight • Challenge Resolution • Creative and Design Mindset • Technical and Logical Thinking • Data and Information Management |
| <p>Component parts</p> |  |

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BUILDING MODELS DETAILS

| | | | | |
|---|---|---|---|---|
| ELECTRIC GYRO | WALKING ROBOT | REVOLVING DOOR | FLYING WINGS | SCALE CAR |
|  |  |  |  |  |
| ELECTRIC FAN | TRANSMISSION | TRACKED VEHICLES | ENGINE CYLINDER | PULL UP |
|  |  |  |  |  |
| CHAINSAW | SWINGING WALL CLOCK | CLIMBLING LATTICE | DRAWING MACHINE | WIPER |
|  |  |  |  |  |
| TRICYCLE | QUADRUPED ROBOT | ETERNAL RUNNING | IN-SITU CIRCLE | ISOSCELES TRIANGLE 1 |
|  |  |  |  |  |
| ISOSCELES TRIANGLE 2 | UNSTABLE QUADRILATERAL 1 | UNSTABLE QUADRILATERAL 2 | STABLE QUADRILATERAL 1 | STABLE QUADRILATERAL 2 |
|  |  |  |  |  |
| SWING | SEESAW | BALANCE BOARD | LABOR SAVING FORCEPS | WHEELBARROW |
|  |  |  |  |  |

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BUILDING MODELS DETAILS

| | | | | |
|---|---|---|---|---|
| CROWBAR | TELESCOPIC CLIP | LIFT | STRETCHING ARM 1 | STRECTCHING ARM 2 |
|  |  |  |  |  |
| UPPER AND LOWER ARM | COMPOUND PULLEY 1 | COMPOUND PULLEY 2 | CO-DIRECTIONAL CONSTANT SPEED PULLEY | FIXED PULLEY |
|  |  |  |  |  |
| CO-DIRECTIONAL AND REVERSE PULLEY | SINGLE PULLEY | PULLEY BLOCK | COMPOUND PULLEY | FOUR WHEEL TRAILER |
|  |  |  |  |  |
| STEERABLE FOUR-WHEEL TROLLEY | STEERABLE THREE WHEEL TROLLEY | WINDMILL | COUPLING | EQUAL GEAR |
|  |  |  |  |  |
| CO-DIRECTIONAL CONSTANT SPEED GEAR 1 | CO-DIRECTIONAL CONSTANT SPEED GEAR 2 | SLOW GEAR | CO-DIRECTIONAL NON-EQUAL SPEED GEAR | ACCELERATION GEAR |
|  |  |  |  |  |

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BUILDING MODELS DETAILS

| | | | | |
|---|---|---|---|---|
| LEFT AND RIGHT ARM | FAST AND SLOW GEARS | ROPE GENERATOR | CHINESE WATERWHEEL | EQUAL RATIO RIGHT ANGLE STEERING GEAR |
|  |  |  |  |  |
| HAND DRILL | ACCELERATED RIGHT ANGLE STEERING GEAR | CAROUSEL | TURNTABLE | CRANK MOVEMENT 1 |
|  |  |  |  |  |
| CRANK MOVEMENT 2 | STEERABLE MOVING RACK | ORIENTEERING RACK | STEERING CAR | SEWING MACHINE |
|  |  |  |  |  |
| OIL DRILLING MACHINE | CAR ENGINE | CRANE | ROTATING CHAIR | SWING ARM |
|  |  |  |  |  |

POWER MACHINERY KIT

MODEL NUMBER : GT-S80

BUILDING MODELS DETAILS

| CO-DIRECTIONAL NON-EQUAL SPEED PULLEY | AUTOMATIC CAR WASHING MECHANISM | AERIAL SWING | HAPPY DANCING | ALIEN MECH |
|---|---|---|---|---|
|  |  |  |  |  |

Manuals :

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

General Terms:

- (1) Accessories will be provided where applicable.
- (2) Manuals & Training will be provided where applicable.
- (3) Designs & Specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty:

2 Years

ORDERING INFORMATION :

| ITEM | MODEL NUMBER | CODE |
|---------------------|--------------|---------|
| POWER MACHINERY KIT | GT-S80 | 700-720 |

* Proposed design only, subject to changes without any notice.