

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.

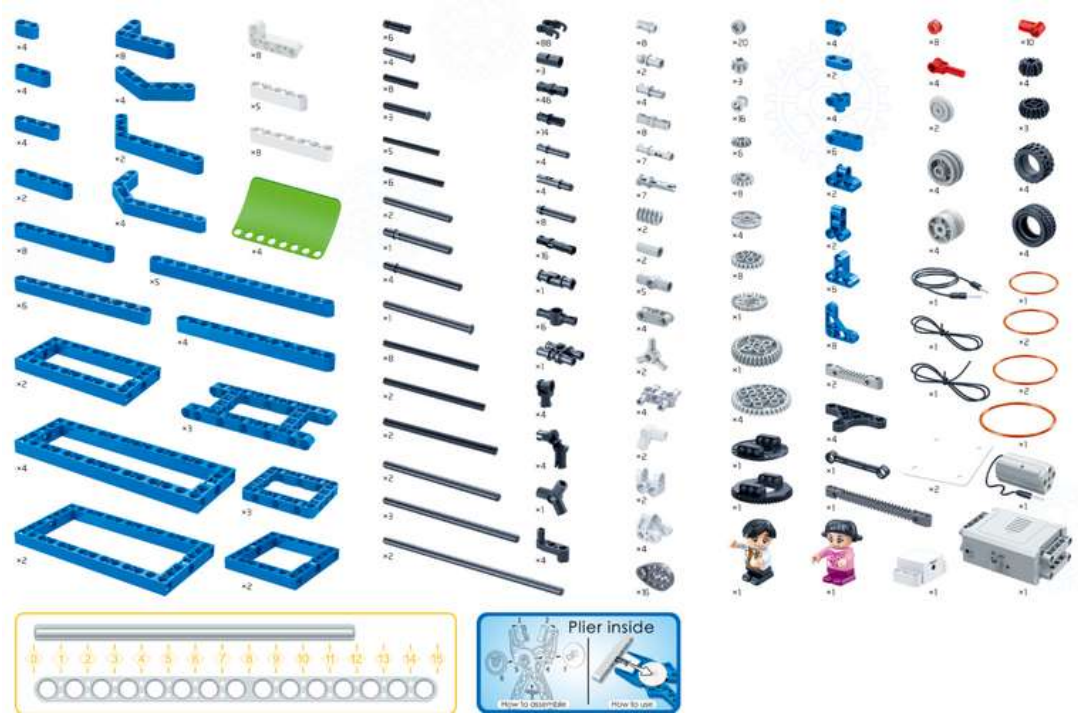
SPECIFICATION

80 kinds of building block models + full-color printing project instruction manual	- 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	1. Blue Beams - Long Beam (15 holes): x4 - Medium Beam (9 holes): x8 - Short Beam (5 holes): x20 2. Plates - 4x6 Plate: x8 - 2x4 Plate: x4 - Curved Plate: x2 3. Gears & Axles - 8-Tooth Gear: x46 - 24-Tooth Gear: x3 - 6mm Axle (Long): x16 - 4mm Axle (Short): x14 4. Connectors - 3-Pin Connector: x6 - Cross Block: x7 - Angle Joint: x8 5. Wheels & Mobility - Large Wheel (Ø56mm): x5 - Small Wheel (Ø32mm): x4 - Tire (Rubber): x2 7. Decorative Elements - Window Panel: x6 - Grill Piece: x4 8. Fasteners - Blue Friction Pin: x46 - Black Bushings: x8 - Red Clips: x2 9. Tools - Brick Separator: x1 - Assembly Wrench: x2	

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Sensors	9V to 5V Module - 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. High Speed Module 9V Power Module
Programming Interface	Visual Building Guide
Material	Non-Toxic ABS Plastic
Key Learning Outcomes	- Programming Robotics - Engineering Basics - Cognition and Insight - Challenge Resolution - Creative and Design Mindset - Technical and Logical Thinking - Data and Information Management
Component parts	

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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	QUADRUPEL 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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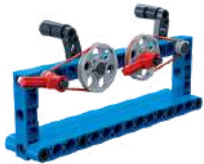
BUILDING MODELS DETAILS

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
				

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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	7110-020

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