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SmartMax SMX502US

SmartMax Stunt Cars Magnetic Building Set Instruction Manual

Model: SMX502US

1. PRODUCT OVERVIEW

The SmartMax Stunt Cars Magnetic Building Set is designed for children aged 3 and up, offering an engaging introduction to STEM concepts through magnetic construction. This set allows for the creation of various vehicles and stunt ramps using safe, extra-strong, and oversized magnetic building pieces.



Image 1.1: SmartMax Stunt Cars packaging, illustrating the product and its play possibilities.

2. WHAT'S IN THE BOX

Your SmartMax Stunt Cars set includes 46 colorful pieces, designed for easy handling by small hands. The components are:

- 30 Magnetic Bars (various colors and lengths)
- 10 Metal Balls
- 4 Wheel Sets
- 2 Red Slides/Ramps



Image 2.1: All 46 components of the SmartMax Stunt Cars set laid out, showing magnetic bars, metal balls, wheel sets, and slides.

3. ASSEMBLY AND BUILDING

The SmartMax system utilizes strong magnets embedded within the bars and metal balls, allowing for easy connection and disconnection of pieces. The oversized components are specifically designed for small hands, promoting dexterity and fine motor skills.

3.1 Connecting Pieces

Simply bring the magnetic bars close to the metal balls or other magnetic pieces, and they will click together. To disconnect, gently pull them apart. The magnets are securely encased within sonically welded bars for safety.

3.2 Building Structures

Use the magnetic bars and balls to create stable structures. The included instruction guide provides various model ideas, including bridges and towers, to inspire your creations. You can also freely experiment to build unique designs.

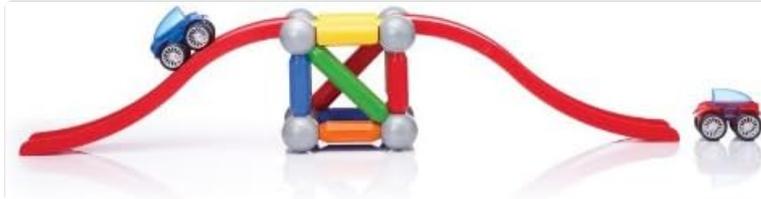


Image 3.1: Example of a magnetic bridge structure built using SmartMax components, with cars on the ramps.



Image 3.2: A magnetic ramp structure with a yellow car and blue trailer, demonstrating building possibilities.

4. PLAYING WITH SMARTMAX STUNT CARS

Once structures are built, the fun continues with dynamic play. Create vehicles by attaching wheel sets to magnetic bars and balls. Design stunt ramps and tracks for your cars to roll down, exploring concepts of motion and gravity.

4.1 Creative Play

The open-ended nature of SmartMax allows for endless creative possibilities. Children can build anything they imagine, from simple cars to complex multi-level stunt tracks. All SmartMax sets are compatible, allowing for expansion and even larger creations.



Image 4.1: A child engaging in imaginative play, pushing a stunt car down a magnetic ramp.



Image 4.2: A magnetic car pulling a trailer, demonstrating vehicle construction.

4.2 Educational Benefits

This set promotes STEM learning by introducing children to magnetism, engineering, and basic physics principles in a hands-on manner. It encourages problem-solving, spatial reasoning, and creativity.

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Video 4.1: An overview of the SmartMax Stunt Cars set, demonstrating magnetic connections and various building possibilities for vehicles and ramps.

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Video 4.2: A short demonstration of the SmartMax Stunt Cars in action, showcasing cars rolling down ramps and magnetic connections.

5. SAFETY INFORMATION

SmartMax products are designed with safety in mind. The metal balls are 1.8 inches in diameter, making them non-swallowable for young children. All magnets are securely encased within the sonically welded plastic bars, preventing access to the magnets themselves.

CPSIA Cautionary Statement: This product contains small parts which may pose a choking hazard for children under 3 years of age if separated from the main components. Adult supervision is recommended during play.

6. MAINTENANCE

To clean your SmartMax Stunt Cars set, simply wipe the pieces with a damp cloth. Do not immerse magnetic pieces in water or use harsh cleaning agents, as this may damage the product.

7. SPECIFICATIONS

Feature	Detail
Brand	SmartMax
Model Name	SMX502US

Age Range	36 months to 144 months (3-12 years)
Included Components	30 bars, 10 metal balls, 4 wheel sets, 2 slides
Number of Pieces	46
Material Type	Plastic
Educational Objective	STEM
Item Dimensions	22.2 x 2.36 x 13.9 inches
GTIN/UPC	847563009091, 793631322442

8. WARRANTY AND SUPPORT

8.1 Manufacturer Warranty

The product comes with a 30-day warranty against manufacturer defects.

8.2 Customer Support

For further assistance, questions, or to explore additional SmartMax products, please visit the official SmartMax website or contact their customer service.

You can find more information about SmartMax products at the [SmartMax Store on Amazon](#).