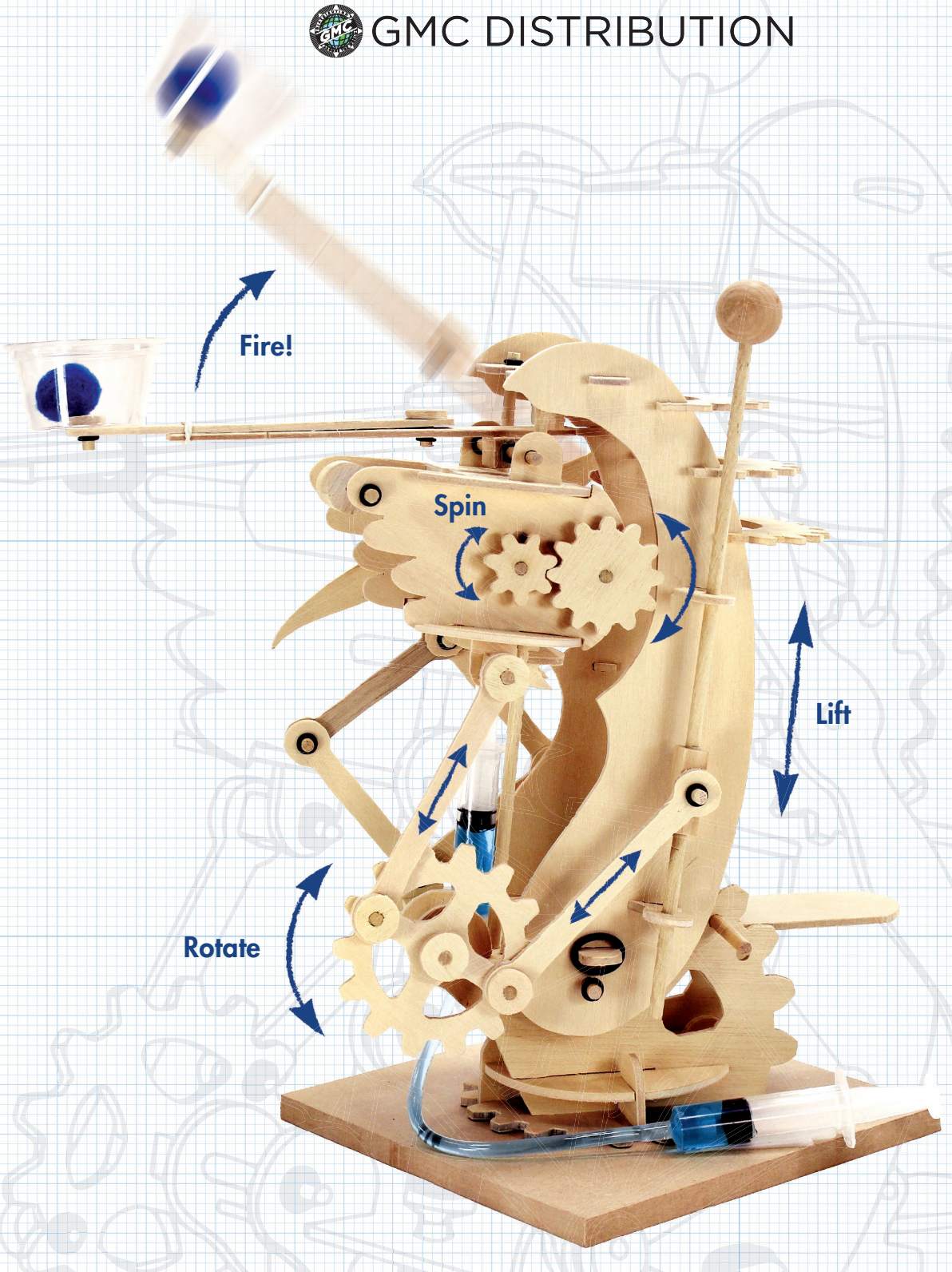
CREATE & BUILD
WOODEN KITS

GMC DISTRIBUTION



Science · Technology · Engineering · Mathematics
Planning · Reading · Visual Perception · Coordination · Critical Thinking

WOODEN KITS

Create & Build compelling, innovative, wooden science kits challenge children of all ages to explore the link between science, design and technology in the world around them. The knowledge gained from constructing the kits will enhance their understanding of maths and science as well as historical principles.

LEONARDO DA VINCI 3

Working re-creations of the famous painter, architect and engineer's iconic drawings.
Bicycle, Bridge, Catapult, Helicopter, Ornithopter, Tank, Trebuchet

ANCIENT SIEGE ENGINES 4

Fun hands-on projects for inquiring kids of all ages to create and play.
Ballista, Battering Ram, Catapult, Onager, Trojan Horse

MEDIEVAL SIEGE ENGINES 5

Historically accurate medieval re-creations to reproduce.
Catapult, Siege Tower, Trebuchet

MOVING BRIDGES 5

Working bridges to construct and operate.
Lift Bridge, Strauss Bascule Bridge, Swing Bridge

WOODEN AUTOMATA 6

Mechanical toys to create and decorate.
Cow Jumping Over the Moon, Flying Dragon, Flying Pig, Flying Unicorn, Jumping Horse, Pteranodon, Running Dog

HYDRAULIC MACHINES 7

These beautifully crafted, fun-to-assemble hydraulic machines will challenge budding engineers of all ages.
4-in-1 Hydraulic Machines Multipack, Hydrapult, Hydraulic Gearbot, Hydraulic Robotic Arm

SKY SURFER AIRPLANE LAUNCHER 8

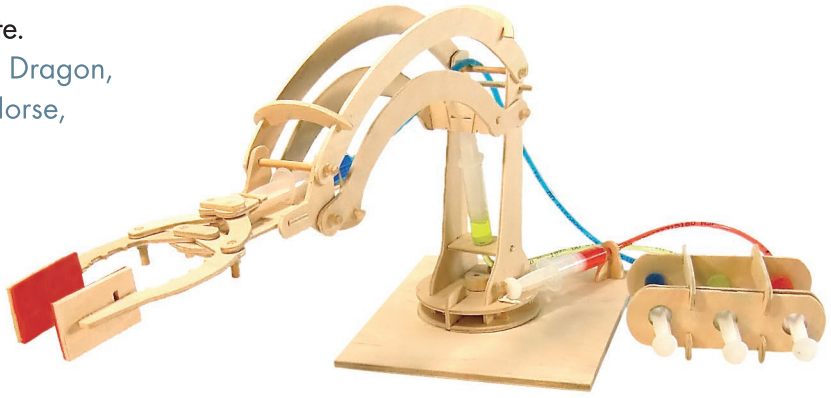
A DIY STEM kit to launch you into the world of light!
Explore the ways that material, wing design, launch angle and force, affect the flight of planes

MEGABUILDER CRANE 8

Real working model to build and operate.
Technical construction project

YOUTOPIA 8

Re-make-able machine to build and decorate for Makers and DIY enthusiasts.
Illustrate a book, make a birthday card, bring art to life



For ages 8 and up · Easy to make in about an hour · All pieces pre-cut and ready to go
Natural untreated wood from sustainable forests · Parts are pegged for extra strength

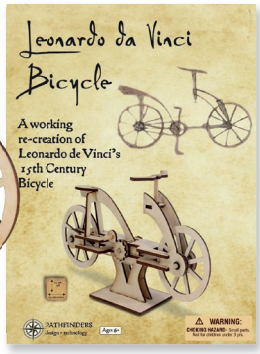
Leonardo da Vinci

Widely known as a painter, Leonardo da Vinci was also an architect and engineer who designed many buildings and machines. From his fertile mind sprang designs for flying machines and instruments of war, as well as practical theories and concepts in engineering, mathematics and science, many of which were centuries ahead of their time.

DA VINCI TREBUCHET

615872472826 · £25.00 INC. VAT
APPROX. 620 X 320 X 200 MM ASSEMBLED
GMSTA-25618

- Creative Product Award 2014
- Leonardo's take on the most powerful siege weapon of its time
- Working scale model of a 15th century design for the Duke of Milan



DA VINCI BICYCLE

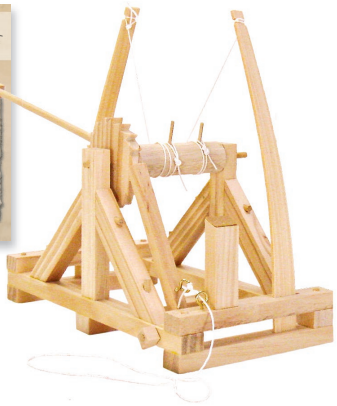
644216855704 · £14.99 INC. VAT
APPROX. 130 X 250 MM ASSEMBLED
GMSTA-31673

- Inspired by Leonardo, this incredible bicycle image was discovered hidden in the 'Codex Atlanticus' folio of his drawings and writings.
- Channel your inner Leonardo and make a working model of one of his designs!

DA VINCI CATAPULT

718122200016 · £20.00 INC. VAT
APPROX. 420 X 420 X 135 MM ASSEMBLED
GMSTA-25614

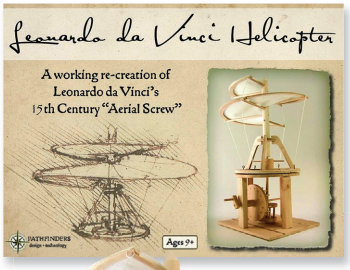
- Creative Top Toy Award 2013
- Scale model based on Da Vinci designs from the 16th century Codex Atlanticus
- Amazingly powerful - can fire a soft clay ball (included) over four metres



DA VINCI TANK

615872472901 · £20.00 INC. VAT
APPROX. 170 X 200 X 200 MM ASSEMBLED
GMSTA-27671

- A working re-creation of Leonardo's 15th century armoured vehicle
- Powered by humans and armed with a full circle of cannon



DA VINCI BRIDGE

718122199617 · £12.99 INC. VAT
APPROX. 95 X 240 X 100 MM ASSEMBLED
GMSTA-25617

- A simple and elegant design, for swift movement of troops over rivers and critical to battle success for armies of the time
- Strong, even without glue!

DA VINCI ORNITHOPTER

4710409067929 · £30.00 INC. VAT
APPROX. 500 X 350 X 300 MM ASSEMBLED
GMSTA-25615

- Combines his flying machine with one of his best bevel gear designs to create a model with flapping wings and a pilot with moving legs and arms

DA VINCI HELICOPTER

718122199518 · £20.00 INC. VAT
APPROX. 380 X 230 X 200 MM ASSEMBLED
GMSTA-25616

- Working re-creation of one of his most iconic drawings, the 15th century "Aerial Screw"

ANCIENT SIEGE ENGINES

Drawn from authentic images from the past these working kits – a Ballista, Catapult, Onager, the legendary Trojan Horse from the siege of Troy and the newest addition, a Battering Ram – capture the ways in which Ancient Greeks and Romans laid siege to towns and castles during the ancient Macedonian and Roman times.

BATTERING RAM

644216855605 · £25.00 INC. VAT
APPROX. 190 X 300 MM ASSEMBLED
GMSTA-32044

- Originally invented by the ancient Assyrians around 900 years BCE, the Battering Ram was widely used by the Greeks and Romans during sieges from Ancient to Medieval Times.
- Strike fear into the heart of entire villages with a swinging log in a moving house!

TROJAN HORSE

615872472871 · £25.00 INC. VAT
APPROX. 310 X 300 MM ASSEMBLED
GMSTA-28954

- Based on drawings and written records, this Trojan Horse model re-creates one of the most epic of tales of ancient Greece

ONAGER

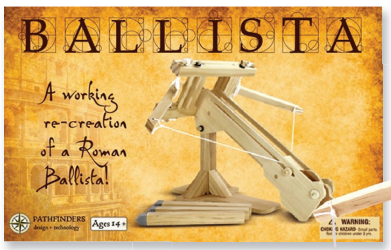
644216855209 · £20.00 INC. VAT
APPROX. 280 X 400 MM ASSEMBLED
GMSTA-30087

- The Onager was used by the Roman Army to lay siege to city walls and fortification in their territories around the Mediterranean sea and beyond
- This torsion powered version can fire small clay balls (included) and other projectiles over 15 feet

BALLISTA

615872472864 · £20.00 INC. VAT
APPROX. 180 X 270 MM ASSEMBLED
GMSTA-28953

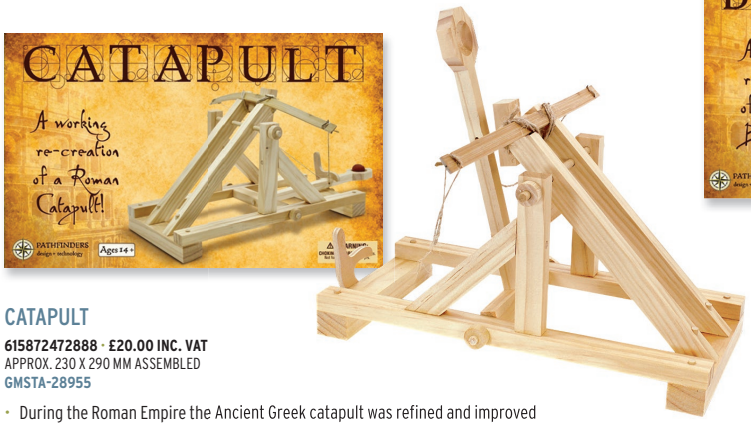
- The Ballista helped the Roman Empire take on and conquer countries all over Europe!
- This torsion powered version can fire the small wooden projectiles included over 15 feet!



CATAPULT

615872472888 · £20.00 INC. VAT
APPROX. 230 X 290 MM ASSEMBLED
GMSTA-28955

- During the Roman Empire the Ancient Greek catapult was refined and improved and this model represents a smaller version of a common catapult style of the time
- It can fire the small clay balls (included) and other soft projectiles over 15 feet!



MEDIEVAL SIEGE ENGINES

MEDIEVAL CATAPULT

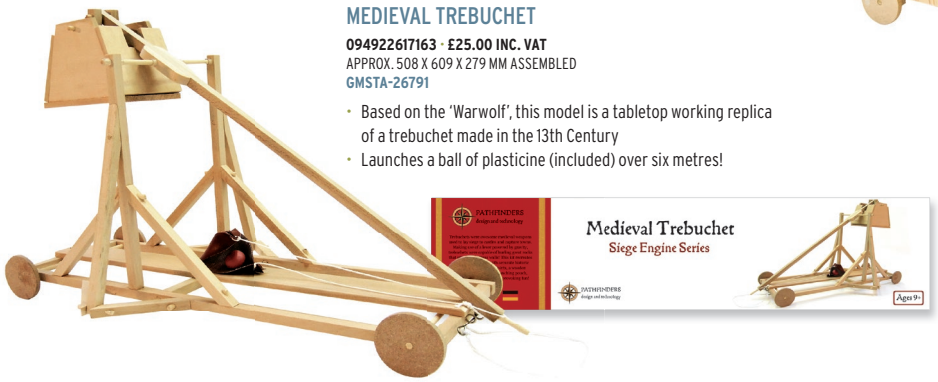
094922617170 · £16.99 INC. VAT
APPROX. 250 X 200 X 160 MM ASSEMBLED
GMSTA-25619

- Historically accurate reproduction recreates the firing action of the medieval catapult
- Fires a ball of soft modelling clay (included) over three metres

MEDIEVAL SIEGE TOWER

689076868860 · £25.00 INC. VAT
APPROX. 380 X 230 X 180 MM ASSEMBLED
GMSTA-26792

- Used in medieval times to breach the walls of castles
- Includes portion-powered catapult
- Historically accurate details
- Can be used with Lego® people and 1/18 scale figures



MEDIEVAL TREBUCHET

094922617163 · £25.00 INC. VAT
APPROX. 508 X 609 X 279 MM ASSEMBLED
GMSTA-26791

- Based on the 'Warwolf', this model is a tabletop working replica of a trebuchet made in the 13th Century
- Launches a ball of plasticine (included) over six metres!

MOVING BRIDGES

LIFT BRIDGE

4710409067745 · £16.99 INC. VAT
APPROX. 254 X 381 X 75 MM ASSEMBLED
GMSTA-26731

STRAUSS BASCULE BRIDGE

4710409067776 · £16.99 INC. VAT
APPROX. 254 X 533 X 75 MM ASSEMBLED
GMSTA-26732

SWING BRIDGE

4710409067769 · £ 16.99 INC. VAT
APPROX. 203 X 533 X 90 MM ASSEMBLED
GMSTA-26730

WOODEN AUTOMATA

FLYING UNICORN

615872472918 · £14.99 INC. VAT
APPROX. 300 X 290 X 220 MM ASSEMBLED
GMSTA-26571

FLYING DRAGON

718122199914 · £20.00 INC. VAT
APPROX. 420 X 370 X 370 MM ASSEMBLED
GMSTA-26318

PTERANODON

4710409067684 · £14.99 INC. VAT
APPROX. 300 X 400 X 260 MM ASSEMBLED
GMSTA-26315

JUMPING HORSE

689076869065 · £14.99 INC. VAT
APPROX. 300 X 290 X 140 MM ASSEMBLED
GMSTA-26317

COW JUMPING OVER THE MOON

4710409070028 · £14.99 INC. VAT
APPROX. 270 X 250 X 150 MM ASSEMBLED
GMSTA-27672

FLYING PIG

689076868969 · £14.99 INC. VAT
APPROX. 280 X 250 X 200 MM ASSEMBLED
GMSTA-26316

RUNNING DOG

718122199815 · £14.99 INC. VAT
APPROX. 280 X 250 X 200 MM ASSEMBLED
GMSTA-27443

HYDRAULIC MACHINES

HYDRAPULT

615872472840 · £20.00 INC. VAT
APPROX. 330 X 457 X 180 MM ASSEMBLED
GMSTA-27449

- Creative Top Toy Award 2015
- Use hydraulic power to make a working catapult to fling small objects
- Learn about levers and trajectories

HYDRAULIC GEARBOT

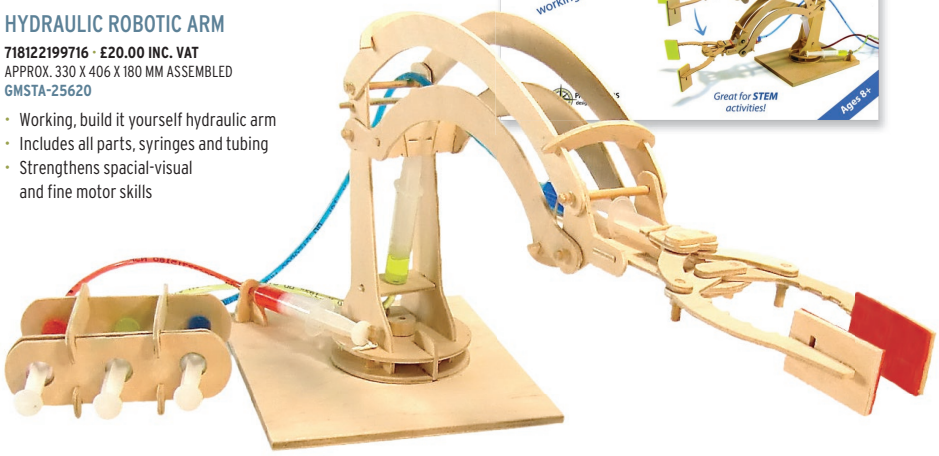
615872472895 · £25.00 INC. VAT
APPROX. 330 X 457 X 200 MM ASSEMBLED
GMSTA-27670

- Creative Toy Award 2016
- Learn about levers, gears and simple mechanics
- Use hydraulic power to catapult small objects

HYDRAULIC ROBOTIC ARM

718122199716 · £20.00 INC. VAT
APPROX. 330 X 406 X 180 MM ASSEMBLED
GMSTA-25620

- Working, build it yourself hydraulic arm
- Includes all parts, syringes and tubing
- Strengthens spacial-visual and fine motor skills



4-IN-1 HYDRAULIC MACHINES

4710409067424 · £30.00 INC. VAT
EACH MODEL APPROX. 300 X 290 X 140 MM ASSEMBLED
GMSTA-27433

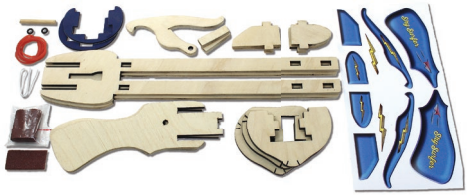
- Contains everything you need to make 4 working models
- Platform Lift
- Scissor Lift
- Excavator
- Cherry Picker

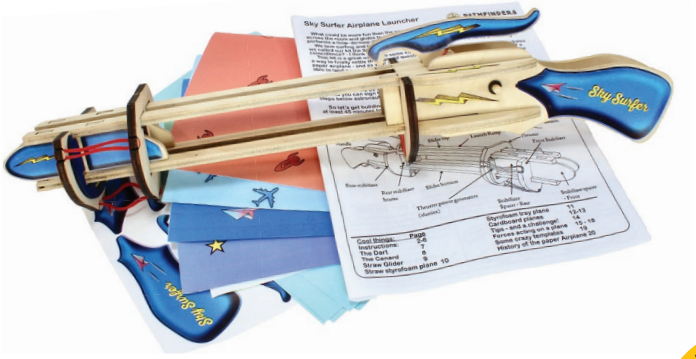
SKY SURFER AIRPLANE LAUNCHER

SKY SURFER AIRPLANE LAUNCHER

644216855308 · £20.00 INC. VAT
APPROX. 410 MM ASSEMBLED
GMSTA-31672

- A DIY STEM kit to launch you into the world of flight!
- The first elastic-powered airplane launcher kit allowing kids of all ages to design, make and scientifically test their designs. Explore the ways that material, wing design, launch angle, and force, affect the flight of planes!





- Easy to make in about 30 minutes - but not too easy, life needs challenges!
- Adjustable thruster will launch planes from 10 to over 50 feet - or more!
- Comprehensive 20 page booklet with plane designs, ideas, paper and card stock.

CREATIVE CHILD MAGAZINE
CREATIVE CHILD AWARDS 2019
PRODUCT of the Year Award
CREATIVECHILD.COM

MEGABUILDER CRANE

MEGABUILDER CRANE

4710409070011 · £25.00 INC. VAT
EACH MODEL APPROX. 600 X 450 MM ASSEMBLED
GMSTA-28956

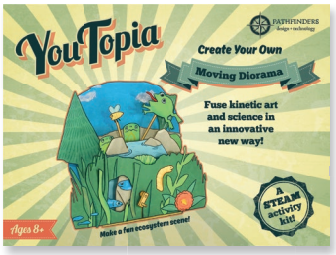
- Practice and become an expert operator and spend hours of fun with this highly manoeuvrable model

YOUTOPIA

YOUTOPIA

615872472833 · £16.99 INC. VAT
APPROX. 254 X 242 MM ASSEMBLED
GMSTA-28074

- Bring to life the chapter of a book, an environmental scene, a favourite day, the work of a favourite artist, or even make a birthday card with this open-ended and re-make-able kit
- You bring the decorating materials - which can be anything from pencil crayons and paint, to feathers!



1. Make a cool machine
2. Design your own diorama
3. Add your art to the machine
4. Turn the handle and your custom design comes to life!

Re-make-able for endless possibilities!

ORDER FORM

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QTY	LEONARDO DA VINCI	STOCK CODE	EAN	RRP (INC. VAT)	RRP (EX. VAT)	COST (EX. VAT)	PACKAGING H X W X D (MM)
	Da Vinci Bicycle	GMSTA-31673	644216855704	£14.99	£12.49	£6.25	245 x 190 x 1
	Da Vinci Bridge	GMSTA-25617	718122199617	£12.99	£10.83	£5.41	95 X 255 X 55
	Da Vinci Catapult	GMSTA-25614	718122200016	£20.00	£16.67	£8.33	190 X 255 X 55
	Da Vinci Helicopter	GMSTA-25616	718122199518	£20.00	£16.67	£8.33	190 X 255 X 55
	Da Vinci Ornithopter	GMSTA-25615	4710409067929	£30.00	£25.00	£12.50	165 X 390 X 55
	Da Vinci Tank	GMSTA-27671	615872472901	£20.00	£16.67	£8.33	165 X 260 X 55
	Da Vinci Trebuchet	GMSTA-25618	615872472826	£25.00	£20.83	£10.42	165 X 390 X 55

QTY	ANCIENT SIEGE ENGINES	STOCK CODE	EAN	RRP (INC. VAT)	RRP (EX. VAT)	COST (EX. VAT)	PACKAGING H X W X D (MM)
	Ballista	GMSTA-28953	615872472864	£20.00	£16.67	£8.33	190 X 306 X 55
	Battering Ram	GMSTA-32044	644216855605	£25.00	£20.83	£10.42	190 X 306 X 55
	Catapult	GMSTA-28955	615872472888	£20.00	£16.67	£8.33	190 X 306 X 55
	Onager	GMSTA-30087	644216855209	£20.00	£16.67	£8.33	190 X 306 X 55
	Trojan Horse	GMSTA-28954	615872472871	£25.00	£20.83	£10.42	190 X 306 X 55

QTY	MEDIEVAL SIEGE ENGINES	STOCK CODE	EAN	RRP (INC. VAT)	RRP (EX. VAT)	COST (EX. VAT)	PACKAGING H X W X D (MM)
	Medieval Catapult	GMSTA-25619	094922617170	£16.99	£14.16	£7.08	95 X 325 X 55
	Medieval Siege Tower	GMSTA-26792	689076868860	£25.00	£20.83	£10.42	165 X 390 X 55
	Medieval Trebuchet	GMSTA-26791	094922617163	£25.00	£20.83	£10.42	115 X 516 X 70

QTY	MOVING BRIDGES	STOCK CODE	EAN	RRP (INC. VAT)	RRP (EX. VAT)	COST (EX. VAT)	PACKAGING H X W X D (MM)
	Lift Bridge	GMSTA-26731	4710409067745	£16.99	£14.16	£7.08	95 X 325 X 55
	Strauss Bascule Bridge	GMSTA-26732	4710409067776	£16.99	£14.16	£7.08	95 X 325 X 55
	Swing Bridge	GMSTA-26730	4710409067769	£16.99	£14.16	£7.08	95 X 325 X 55

QTY	WOODEN AUTOMATA	STOCK CODE	EAN	RRP (INC. VAT)	RRP (EX. VAT)	COST (EX. VAT)	PACKAGING H X W X D (MM)
	Cow Jumping Over the Moon	GMSTA-27672	4710409070028	£14.99	£12.49	£6.25	165 X 260 X 55
	Flying Dragon	GMSTA-26318	718122199914	£20.00	£16.67	£8.33	165 X 260 X 55
	Flying Pig	GMSTA-26316	689076868969	£14.99	£12.49	£6.25	165 X 260 X 55
	Flying Unicorn	GMSTA-26571	615872472918	£14.99	£12.49	£6.25	165 X 260 X 55
	Jumping Horse	GMSTA-26317	689076869065	£14.99	£12.49	£6.25	165 X 260 X 55
	Pteranodon	GMSTA-26315	4710409067684	£14.99	£12.49	£6.25	165 X 260 X 55
	Running Dog	GMSTA-27443	718122199815	£14.99	£12.49	£6.25	165 X 260 X 55

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	4-in-1 Hydraulic Machines	GMSTA-27433	4710409067424	£30.00	£25.00	£12.50	250 X 320 X 70
	Hydrapult	GMSTA-27449	615872472840	£20.00	£16.67	£8.33	190 X 255 X 55
	Hydraulic Gearbot	GMSTA-27670	615872472895	£25.00	£20.83	£10.42	208 X 330 X 55
	Hydraulic Robotic Arm	GMSTA-25620	718122199716	£20.00	£16.67	£8.33	190 X 255 X 55

QTY	SKY SURFER AIRPLANE LAUNCHER	STOCK CODE	EAN	RRP (INC. VAT)	RRP (EX. VAT)	COST (EX. VAT)	PACKAGING H X W X D (MM)
	Sky Surfer Airplane Launcher	GMSTA-31672	644216855308	£20.00	£16.67	£8.33	180 x 350 x 55

QTY	MEGABUILDER CRANE	STOCK CODE	EAN	RRP (INC. VAT)	RRP (EX. VAT)	COST (EX. VAT)	PACKAGING H X W X D (MM)
	MegaBuilder Crane	GMSTA-28956	4710409070011	£25.00	£20.83	£10.42	236 X 343 X 55

QTY	YOUTOPIA	STOCK CODE	EAN	RRP (INC. VAT)	RRP (EX. VAT)	COST (EX. VAT)	PACKAGING H X W X D (MM)
	Youtopia	GMSTA-28074	615872472833	£16.99	£14.16	£7.08	190 X 255 X 55

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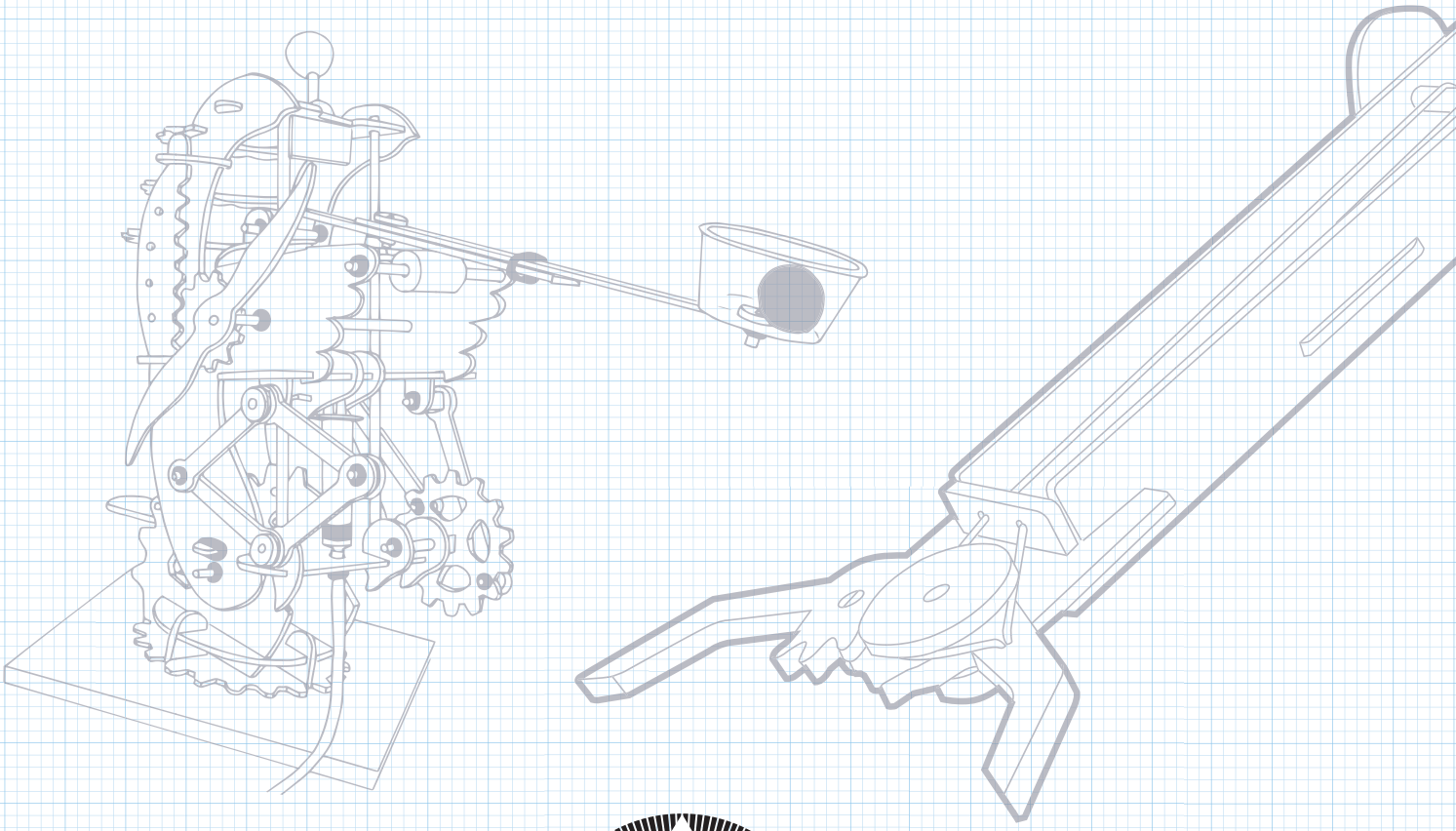

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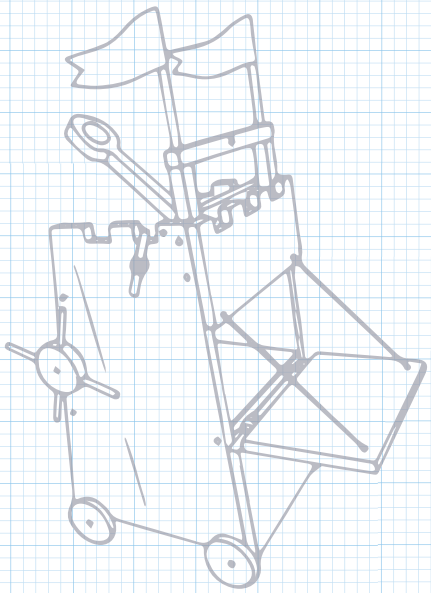

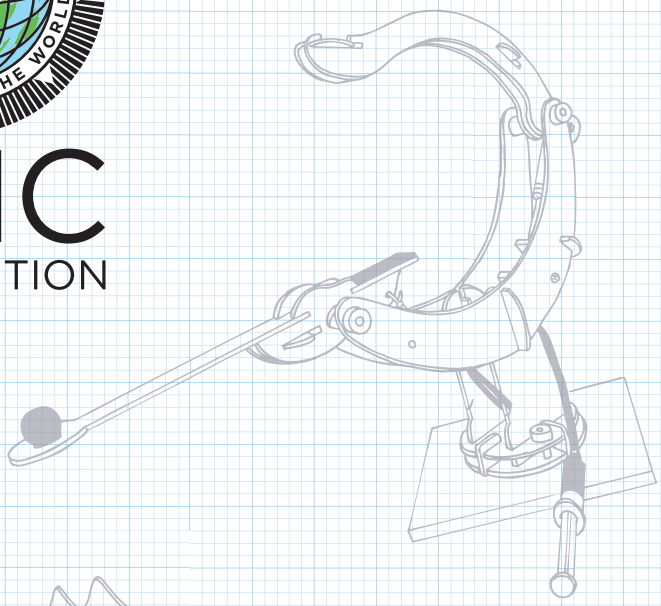

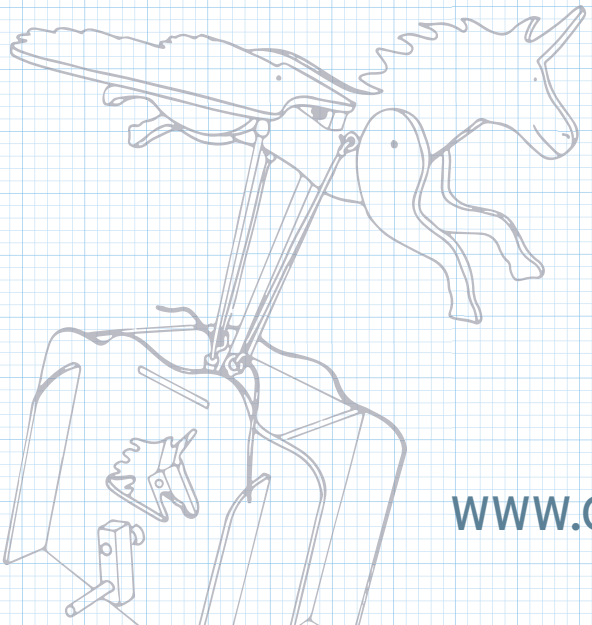

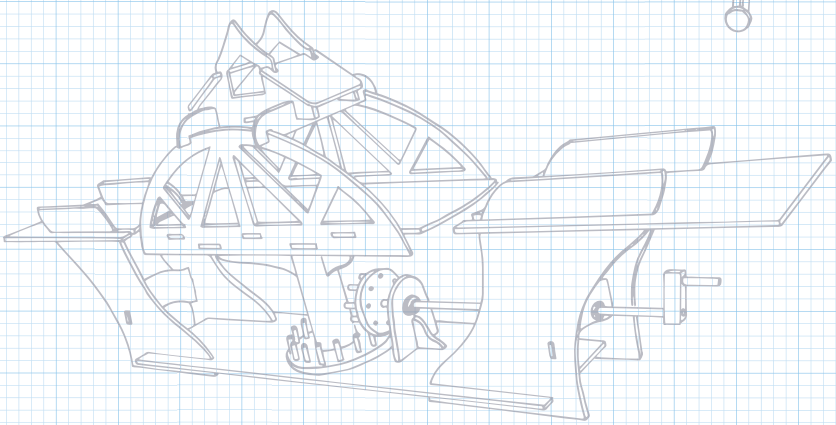

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