



Welcome to the world of

UGEARS

Catalog 2024

Wooden mechanical
DIY model kits

Fascinating design
and mechanics

No glue or any tools
needed

The perfect gift for any
ages and interests





ABOUT UGEARS

Ugears is a Ukrainian company founded in 2014, with a growing worldwide reputation for producing unique wooden mechanical DIY models at the intersection of engineering and art. Ugears 3D puzzles have become a fun and educational hobby and anti-stress for people in 90 countries across 5 continents.

Unlike models with simple static displays, Ugears models have their own mechanical action, using rubber band motors, spring motors and fascinating systems of gears, flywheels, weights and gravity.

With over 100 models to choose from you are sure to find the perfect gift for yourself or the people you love. The product line includes mechanical DIY models, smart models, licensed Harry Potter™ series, 2.5D puzzles, educational STEM lab kits, Devices for games, fidgets, and delightful toys and crafts for children, with simple designs for easy assembly.

Made of art-quality plywood, each model assembles easily without the need for glue or special tools. Ugears model kits arrive at your door with everything you need for assembly right in the box. All steps of the assembly are described in color diagrams and detailed, step-by-step instructions in 11 languages.

Worldwide delivery. Customer service is available 24/7, with spare parts provided and shipped free of charge.

THE STORY OF UGEARS

2014

Founded in Kyiv, Ukraine, Ugears introduced wooden mechanical puzzles to the world.

2015-2018

Kickstarter campaigns. Ugears successfully completed 6 Kickstarter campaigns, raising a total of USD 1,4 million.

2016

Ugears started a company in Latvia, European Union.

2017

Started developing models for Disney. Since then, Ugears has developed 8 models for Disney Theme Parks.

2018

Amazon B2C.

2019

Ugears models at the biggest retailers in Europe: FNAC, France; El Corte Ingles, Spain.

2020

A US-based Ugears company was founded. The first Amazon B2B deals. STEM lab models were released.

2021

Partnership with Warner Bros.

2022

Ugears has developed 4 licensed Harry Potter™ models. B2B shipping from Ugears warehouses in the US.

2023

The Harry Potter™ models were jointly awarded «Best Product of the Year» at the CEE Licensing Event held by Warner Bros. Discovery in Prague on March 2, 2023.

Ugears released a new collection of 2.5D puzzles. SMART product line released.

UGEARS

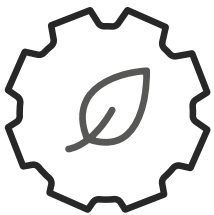
Mechanical puzzles

Ugears mechanical models and puzzle boxes come in three skill levels: easy, medium and advanced. There are simple models with as few as 24 pieces and more complex showpieces with as many as 594 pieces. Assembly times range from 20 minutes to 15 hours.

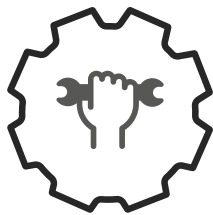
No glue, special expertise, tools or equipment are required. All parts are laser pre-cut into a high-quality plywood board for easy removal and assembly. All steps of the assembly are described in color diagrams with detailed, step-by-step instructions in 11 languages.

Most models have real world analogues, while others are imagination brought to life. Ugears signature style is a combination of old-world sensibility and modern steampunk design.

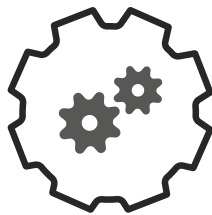
The collection includes over **100** models.



Natural



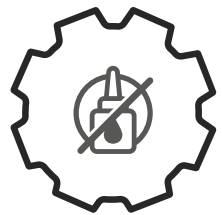
**Self
assembly**



Mechanical



**STEM
educational**



No glue



CONTENTS

Classic models

8

Clocks	10	Ships	20	Dinos	28
Vehicles & trains	12	Automatons	22	Music instruments	30
Space	18	Marble runs	26	Treasure boxes	32

The Harry Potter™ series

34

Smart models

40

Mini models

44

U-Fidgets

50

Ugears showcase cubes

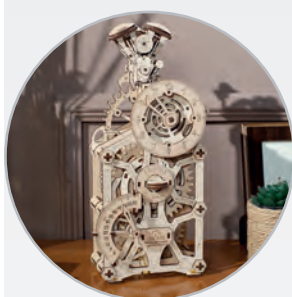
54

UGEARS

mechanical models

product lines

Classic models



Product
Package size:

14.7x6.7x1.4/2 in
37.3x17x3.5/5 cm

Type of mechanics



Difficulty level



Smart models



Product
Package size:

7.4x6.7x1.4 in
18.7x17x3.5 cm

Type of mechanics



Difficulty level



Mini models



Product
Package size:

8x9.2x3.6/0.7 in
20.3x9.2x1.5/1.8 cm

Type of mechanics



Difficulty level



U-Fidgets



Product
Package size:

5.2x2.8x0.6 in
13.4x7.2x1.5 cm

Type of mechanics



Difficulty level







CLASSIC MODELS

Ugears wooden mechanical DIY models are made of art-quality composite plywood. Each model has its own mechanical action, using some combination of rubber band motors, spring motors and fascinating systems of gears, flywheels, weights and gravity.

Our collection of Classic models includes vehicles, ships, trains, boxes, automatons, animals, functional clocks, marble runs and even musical instruments. Most models have real world analogues, others are imagination brought to life.

Assembly times range from 20 minutes to 15 hours and most models are meant for builders ages 14+. There are 3 difficulty levels, with model kits suitable for all ages, experience levels, and interests.



Engine Clock

spring
motor

14+
age

265
pcs

5h
assemble
time

medium

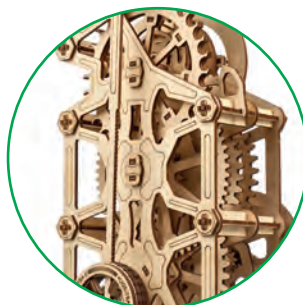
EAN: 4820184121843

Assembled Model Size: 5.6x11.8x4.7 in (14.2x30x12 cm)

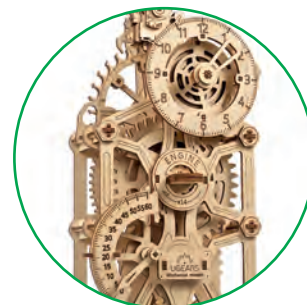
Product Package Size: 14.6x6.7x2 in (37.3x17x5 cm)



Tells time
for up to 5 hours on
a single winding



The action of the
clock's pendulum and
escapement make a
ticking sound



Time display in the
style of a speedometer
and tachometer

Aero Clock. wall clock with pendulum



14+
age

320
pcs

11h
assemble
time

advanced

EAN: 4820184121232

Assembled Model Size: 29.5x18.5x6.5 in (75x47x16.5 cm)

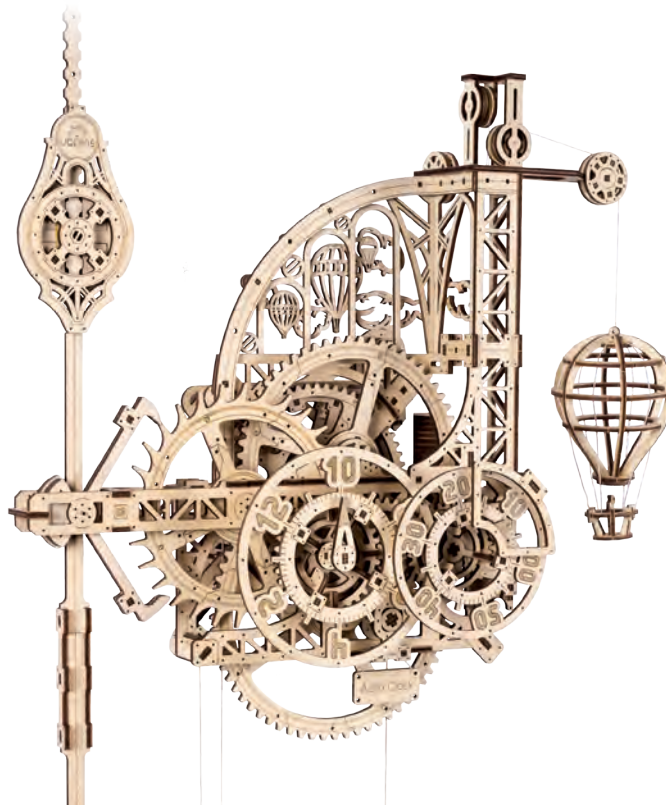
Product Package Size: 14.6x6.7x2 in (37.3x17x5 cm)



A fixed pointer indicates time on the rotating discs



A hot air balloon is in the role of "cuckoo"



Sky Watcher Tourbillon Table Clock



spring
motor

14+
age

338
pcs

15h
assemble
time

advanced

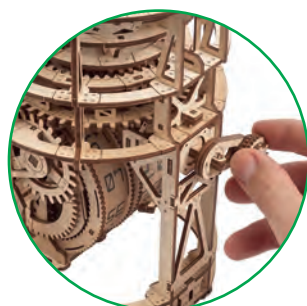
EAN: 4820184121324

Assembled Model Size: 7.2x6.3x12.2 in (18.2x16x31 cm)

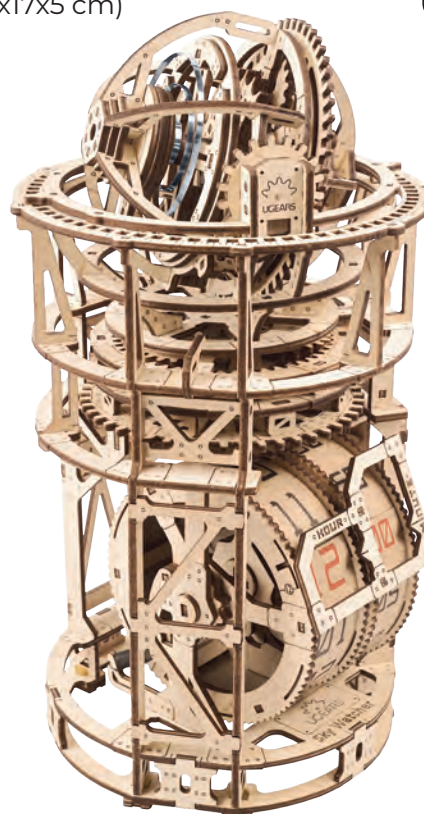
Product Package Size: 14.6x6.7x2 in (37.3x17x5 cm)



Time display placed on reels



2-3 hours of working thanks to the spring





Drift Cobra Racing Car

spring
motor

14+
age

370
pcs

9h
assemble
time



EAN: 4820184121317

Assembled Model Size: 10x8.3x4.5 in (25.5x21x11.5 cm)

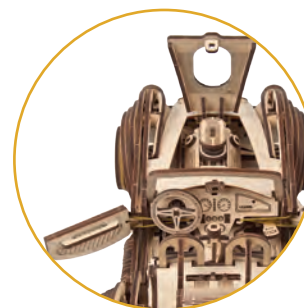
Product Package Size: 14.9x6.7x1.3 in (37.8x17x3.3 cm)



Travels up to 8 meters
on the straightaway



Three modes: Reverse,
Neutral, Forward



Doors and hood can
be opened

U-9 Grand Prix Car

rubber motor

14+ age

348 pcs

7h assemble time

advanced

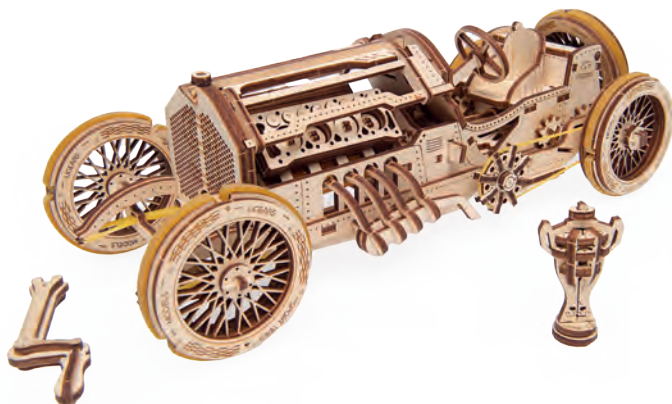
EAN: 4820184120686

Assembled Model Size: 13.8x4.1x5.3 in (35x10.5x13.5 cm)

Product Package Size: 14.8x6.7x1.4 in (37.5x17x3.5 cm)



V8 engine equipped with a fan and 16 functioning valves



YouTube

Roadster VM-01

rubber motor

14+ age

437 pcs

10h assemble time

advanced

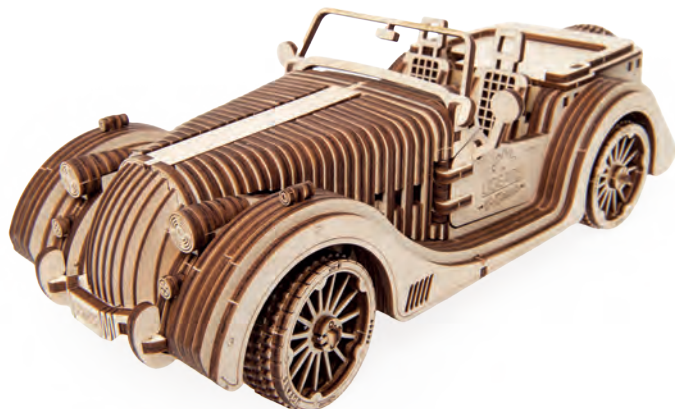
EAN: 4820184120815

Assembled Model Size: 11.8x5.1x3.9 in (30.5x13x10 cm)

Product Package Size: 14.9x6.7x1.6 in (37.8x17x4.2 cm)



Can travel 3-4 meters



YouTube

Dream Cabriolet VM-05

spring motor

14+ age

735 pcs

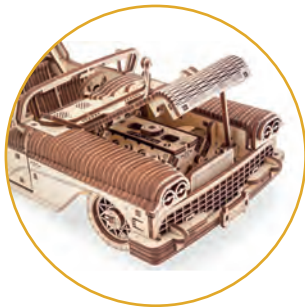
13h assemble time

advanced

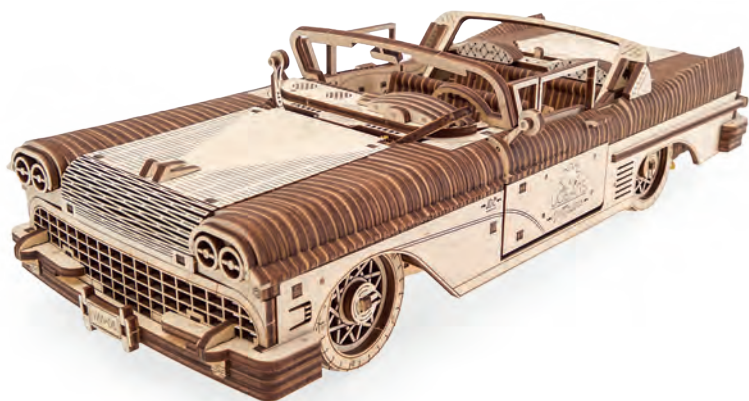
EAN: 4820184120969

Assembled Model Size: 13.8x6.2x3.7 in (35x15.7x9.3 cm)

Product Package Size: 14.9x6.7x2 in (37.8x17x5 cm)



Legendary design of the 50s



YouTube

Pickup Lumberjack

spring
motor

14+
age

460
pcs

8h
assemble
time

advanced

EAN: 4820184121430

Assembled Model Size: 12.4x5.4x4.6 in (31.6x13.8x11.8 cm)

Product Package Size: 14.9x6.7x1.3 in (37.8x17x3.4 cm)



Front wheels can
turned using
the steering wheel



YouTube

Retro Car UGR-T

spring
motor

14+
age

337
pcs

7h
assemble
time

advanced

EAN: 4820184121508

Assembled Model Size: 10.4x4.9x5.6 in (26.5x12.5x14.4 cm)

Product Package Size: 14.9x6.7x1.4 in (37.8x17x3.6 cm)



Pendulum simulates
the sound of a
rumbling motor



YouTube

Hot Rod Furious Mouse

spring
motor

14+
age

207
pcs

4h
assemble
time

easy

EAN: 4820184121652

Assembled Model Size: 7.3x3x4.7 in (18.5x7.5x12 cm)

Product Package Size: 14.7x6.7x1.4 in (37.3x17x3.5 cm)



Dual engine
functionality:
wind the motor
or pull back



YouTube

Sports Car Rapid Mouse

spring
motor

14+
age

222
pcs

4h
assemble
time

easy

EAN: 4820184121744
Assembled Model Size: 8.3.x3x5.3 in (21x7.5x13.5 cm)
Product Package Size: 14.7x6.7x1.4 in (37.3x17x3.5 cm)



Moving parts:
wheels, doors, roof, etc



YouTube

Tracked Off-Road Vehicle

spring
motor

14+
age

423
pcs

8h
assemble
time

advanced

EAN: 4820184121768
Assembled Model Size: 9.4.x4.7x5.1 in (24x12x13 cm)
Product Package Size: 14.6x6.7x2 in (37.3x17x5 cm)



Can travel
3-4 meters



YouTube

Winged Sports Coupe

spring
motor

14+
age

262
pcs

4h
assemble
time

easy

EAN: 4820184121775
Assembled Model Size: 9.5.x4.6x4.1 in (24.1x11.6x10.5 cm)
Product Package Size: 14.7x6.7x1.4 in (37.3x17x3.5 cm)



Gull-wing doors



YouTube

Bike VM-02



rubber motor

14+ age

189 pcs

3h assemble time

medium

EAN: 4820184120822

Assembled Model Size: 9.6x4.3x3.5 in (24.5x11x9 cm)

Product Package Size: 14.7x6.7x1.4 in (37.3x17x3.5 cm)



Has a wide wheel for stability



Scrambler UGR-10 with sidecar



rubber motor

14+ age

380 pcs

10h assemble time

medium

EAN: 4820184121133

Assembled Model Size: 8.7x6.3x4.5 in (22x16x11.5 cm)

Product Package Size: 14.7x6.7x1.4 in (37.3x17x3.5 cm)



Sidecar has enough room to transport small cargo



Three-wheeler UGR-S



spring motor

14+ age

457 pcs

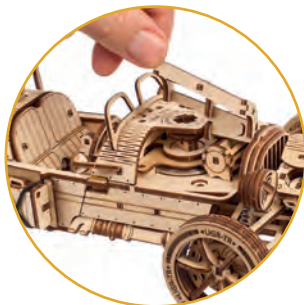
8h assemble time

advanced

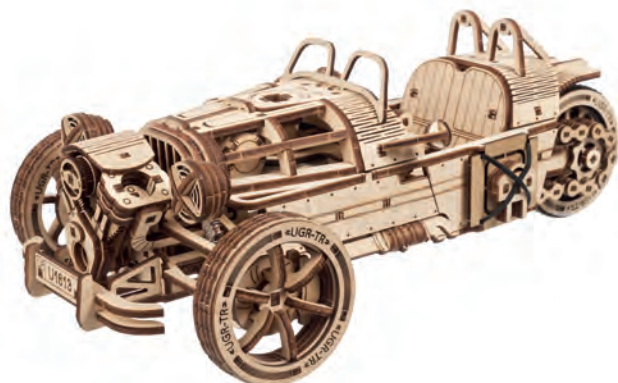
EAN: 4820184121836

Assembled Model Size: 10.3x3.5x5.5 in (26.2x9x14 cm)

Product Package Size: 14.7x6.7x1.4 in (37.3x17x3.5 cm)



Hood rises two sides



Heavy Boy Truck VM-03

rubber motor

14+ age

541 pcs

12h assemble time

advanced

EAN: 4820184120860

Assembled Model Size: 15x5.3x7 in (38x13.5x17.8 cm)

Product Package Size: 14.9x6.7x2 in (37.8x17x5 cm)



Three modes:
forward, back and
idle



YouTube

Trailer for Heavy Boy Truck VM-03

14+ age

138 pcs

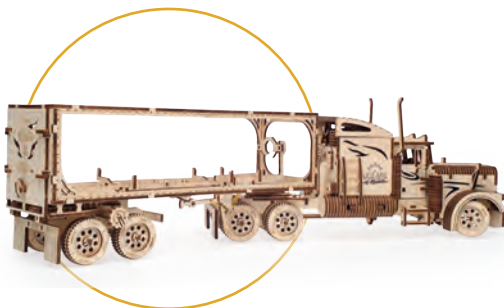
3h assemble time

easy

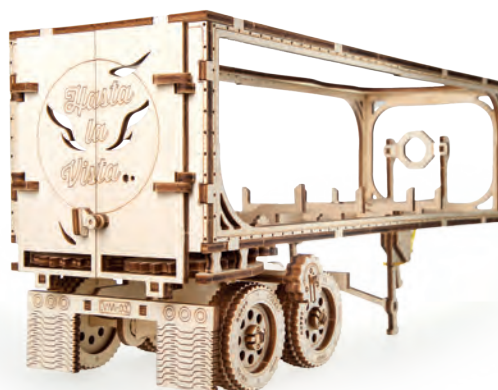
EAN: 4820184120877

Assembled Model Size: 14.4x4.7x6.3 in (36.5x12x16 cm)

Product Package Size: 14.6x6.7x1.2 in (37.5x17x3 cm)



Hook to the Heavy Boy Truck
with the automatic coupler



YouTube

V-Express Steam Train with Tender

rubber motor

14+ age

538 pcs

10h assemble time

advanced

EAN: 4820184120853

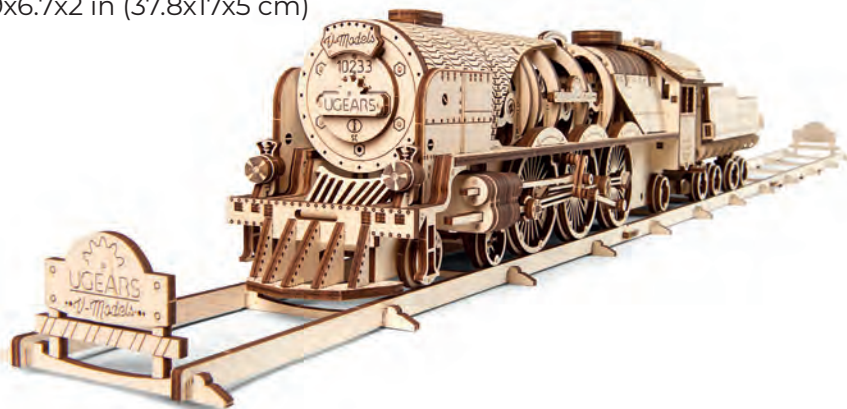
Assembled Model Size: 22x4.7x4.7 in (56x12x12 cm)

Tracks size: 96.5x3.5x1.7 in (245x9x4.2 cm)

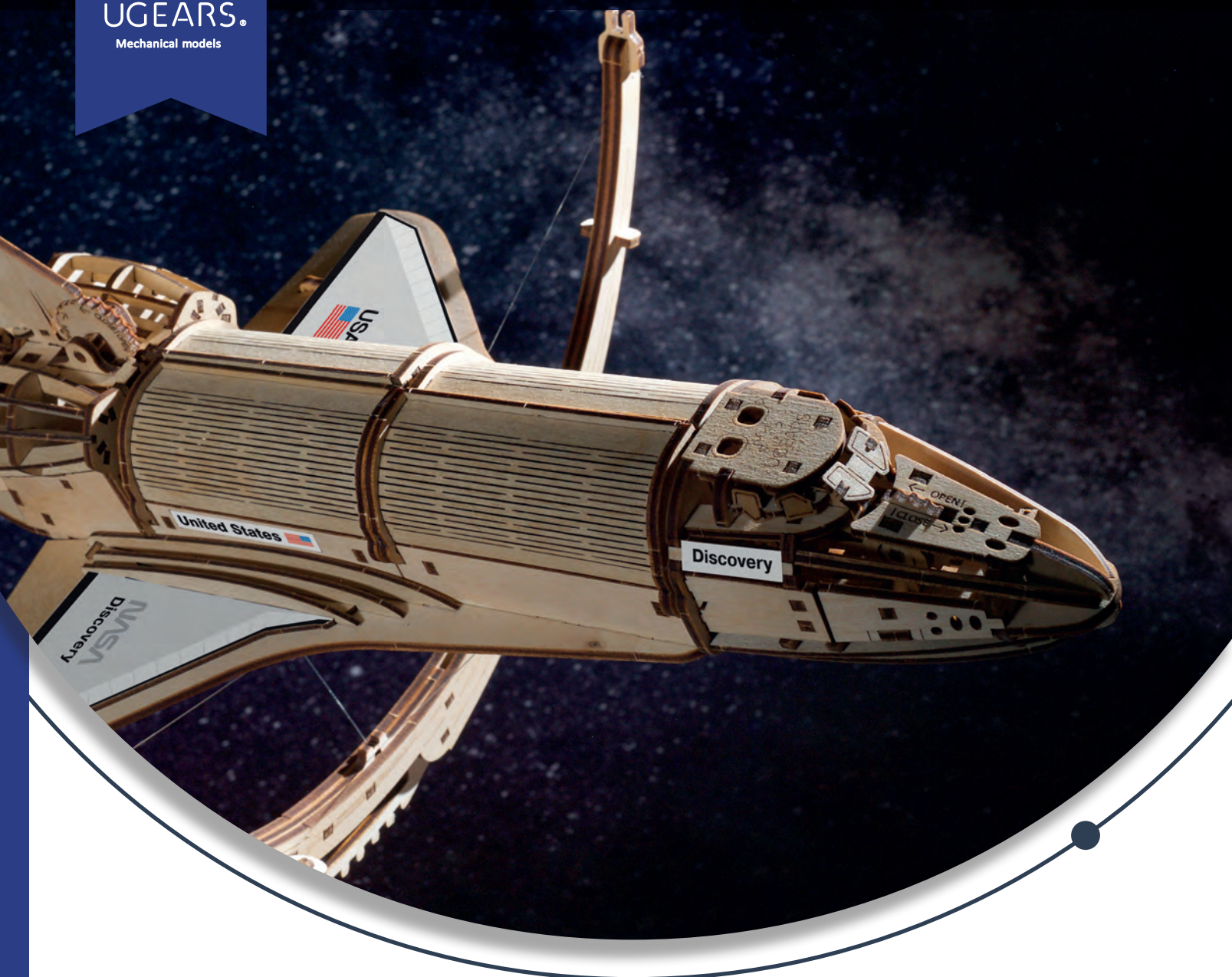
Product Package Size: 14.9x6.7x2 in (37.8x17x5 cm)



Three modes:
forward, back and
idle



YouTube



NASA Space Shuttle Discovery



14+
age

315
pcs

6h
assemble
time

medium

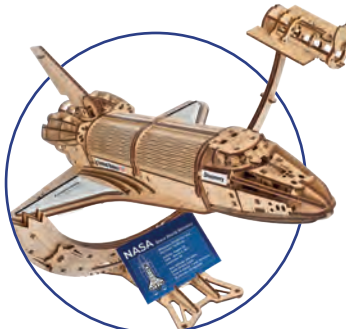
EAN: 4820184121942

Assembled Model Size: 13.2x8.9x11.4 in (33.5x22.5x29 cm)

Product Package Size: 14.7x6.7x2 in (37.3x17x5 cm)



The Hubble Space Telescope with movable solar panels



1:96 scale model of the NASA Space Shuttle Discovery



tensegrity stand allows the Shuttle "floating in space"

Manned Mars Rover



EAN: 4820184121782

Assembled Model Size: 11.8x5.7x7.3 in (30x14.5x18.5 cm)

Product Package Size: 14.7x6.7x2 in (37.3x17x5 cm)



6x6
all-wheel drive



Globus



EAN: 4820184121096

Assembled Model Size:

8.3x7.3x7.3 in (21x18.5x18.5 cm)

Product Package Size:

14.9x6.7x1.3 in (37.8x17x3.2 cm)



Model of Earth with the decorative continents



Mechanical Tellurion



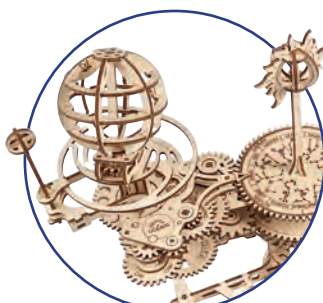
EAN: 4820184121355

Assembled Model Size:

16x10.2x12 in (40.5x26x30.5 cm)

Product Package Size: 1

14.9x6.7x1.3 in (37.8x17x3.8 cm)



Depicts the cosmic
dance between Sun,
Earth and Moon





Serenity's Dream

spring
motor

14+
age

365
pcs

9h
assemble
time

medium

EAN: 4820184121928

Assembled Model Size: 16.1x17.3x5.3 in (41x44x13.5 cm)

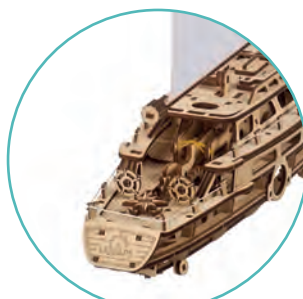
Product Package Size: 14.7x6.7x2 in (37.3x17x5 cm)



YouTube



Can travel
4 meters



Two
helms



Two paper sails
with roller furling

Trimaran Merihobus

14+
age

237
pcs

15h
assemble
time

advanced

EAN: 4820184120891

Assembled Model Size:

16.1x9.3x22 in (41x23.5x56 cm)

Product Package Size:

14.7x6.7x2 in (37.3x17x5 cm)



The "skeleton" style to ensure good visibility of the mechanism



YouTube

Research Vessel

rubber
motor

14+
age

575
pcs

10h
assemble
time

advanced

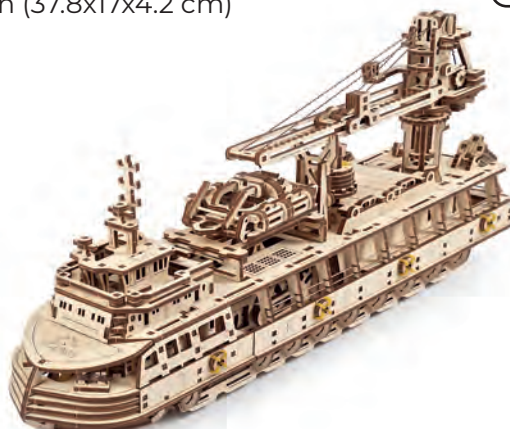
EAN: 4820184121126

Assembled Model Size: 15.2x4.3x9.8 in (38.5x11x25 cm)

Product Package Size: 14.9x6.7x1.7 in (37.8x17x4.2 cm)



Has a lot of equipment for marine research



YouTube

Rescue Hovercraft

spring
motor

14+
age

383
pcs

6h
assemble
time

medium

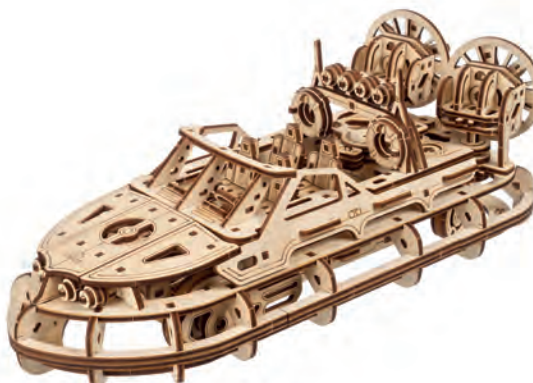
EAN: 4820184121904

Assembled Model Size: 11x4.1x4.5 in (28x10.5x11.5 cm)

Product Package Size: 14.7x6.7x2 in (37.3x17x5 cm)



Twin thrust spin propellers



YouTube



Windstorm Dragon

rubber
motor

14+
age

320
pcs

6h
assemble
time

medium

EAN: 4820184121218

Assembled Model Size: 22x17.9x11.4 in (56x45.5x29 cm)

Product Package Size: 14.7x6.7x2 in (37.3x17x5 cm)



Mechanical heart –
a rubber-band motor –
is beating



Wings are made of
designed feathery
paper cutouts



Laser engraved scales
and spiky tail

Hexapod Explorer



spring
motor

14+
age

388
pcs

8h
assemble
time

medium

EAN: 4820184121294

Assembled Model Size: 10.6x8.7x3.7 in (27x22x9.5 cm)

Product Package Size: 14.9x6.7x1.1 in (37.8x17x2.8 cm)



Variable
speed dial



Can walk
up to 3 meters



Butterfly



rubber
motor

14+
age

168
pcs

3h
assemble
time

medium

EAN: 4820184121010

Assembled Model Size: 14.2x22.8x22.8 in (36x58x58 cm)

Product Package Size: 14.9x6.7x1.1 in (37.8x17x2.7 cm)



Skeleton-style body allows to
see the working of gears



Two sets of wings:
a color one and a beige one



Carousel



EAN: 4820184121072

Assembled Model Size: 8.3x8.3x10.2 in (21x21x26 cm)

Product Package Size: 14.9x6.7x1.7 in (37.8x17x4.2 cm)



Two types of horses rock up and down



Driven by a rubber band motor



Mechanical Flower



EAN: 4820184120273

Assembled Model Size: 5.1x5.1x6.3 in (13x13x16 cm)

Product Package Size: 14.7x6.7x1.4 in (37.3x17x3.5 cm)



Turn the ring and the petal will open



Exquisite storage for your treasures



Mechanical Aquarium



EAN: 4820184121263

Assembled Model Size: 9.3x9.3x7.8 in (23.5x23.5x20 cm)

Product Package Size: 14.7x6.7x2 in (37.3x17x5 cm)



Two pet tropical fish chasing each other



The first Ugears model that is driven by a spring



Automaton Cyclist



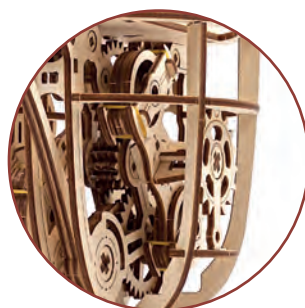
EAN: 4820184121195

Assembled Model Size: 9.6x6.9x4.7 in (24.5x17.5x12 cm)

Product Package Size: 14.9x6.7x1.1 in (37.8x17x2.7 cm)

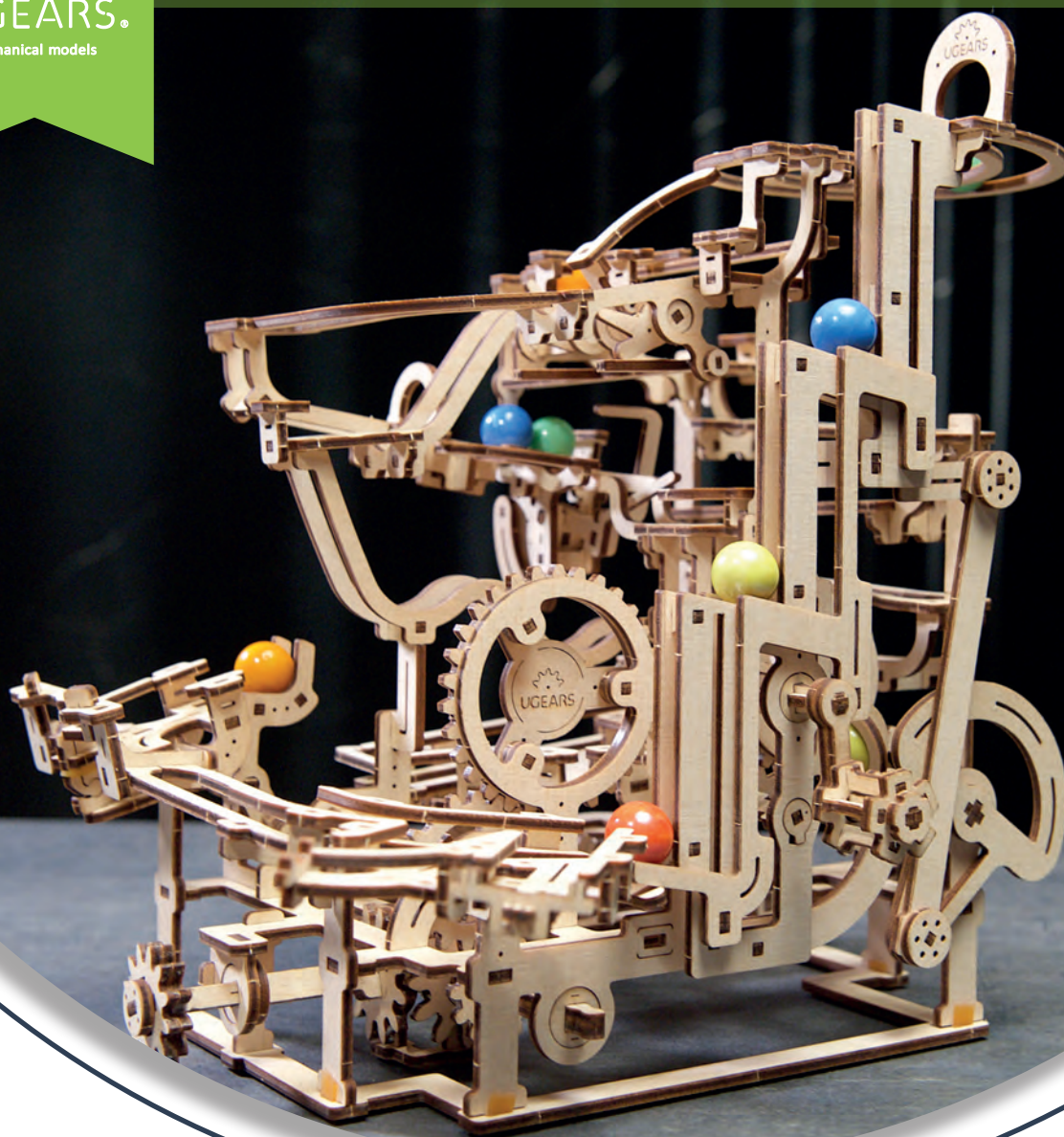


Inspired by classic Tour De France chronicles



The main propelling element is flywheel





Marble Run Tiered Hoist

14+
age

315
pcs

7h
assemble
time

advanced

EAN: 4820184121393

Assembled Model Size: 10.6x10.4x10.6 in (27x26.5x27 cm)

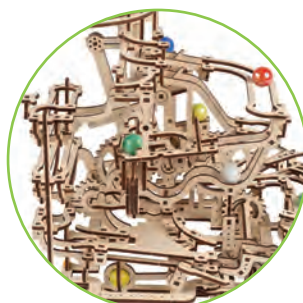
Product Package Size: 14.9x6.7x1.3 in (37.8x17x3.4 cm)



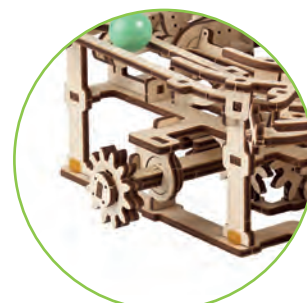
YouTube



A fascinating 3-tiered
stair lift



Three tracks: marble trap, roller
coaster, four-level ramp



You can connect any
two or four marble runs

Marble Run Chain Hoist

14+
age

400
pcs

7h
assemble
time

advanced

EAN: 4820184121270

Assembled Model Size:

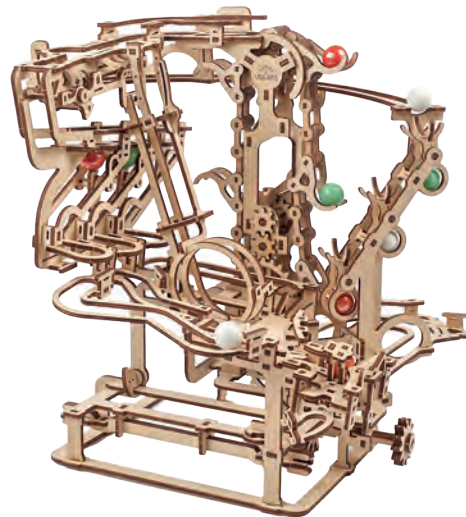
10.8x10.6x12 in (27.5x27x30.5 cm)

Product Package Size:

14.9x6.7x1.3 in (37.8x17x3.4 cm)



Has a chain hoist powered
by a hand crank



Marble Run Stepped Hoist

14+
age

355
pcs

8h
assemble
time

advanced

EAN: 4820184121287

Assembled Model Size:

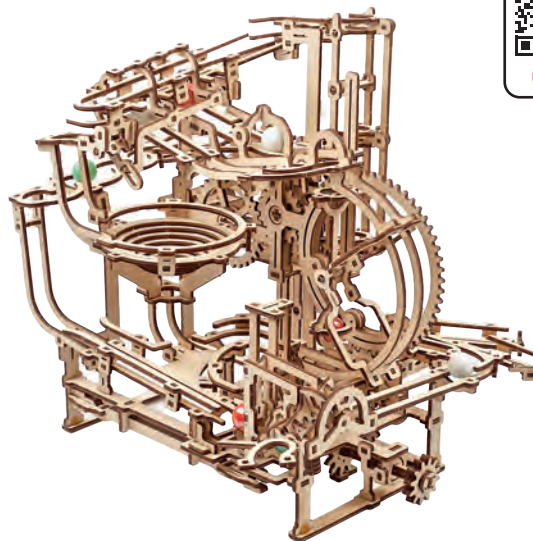
11.6x10.6x10.8 in (29.5x27x27.5 cm)

Product Package Size:

14.9x6.7x1.3 in (37.8x17x3.4 cm)



Has a 3-stepped
alternating lift



Marble Run Spiral Hoist

14+
age

266
pcs

6h
assemble
time

advanced

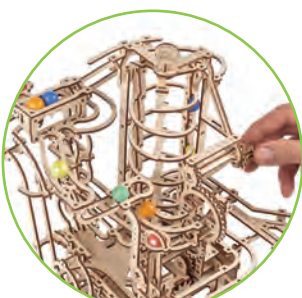
EAN: 4820184121492

Assembled Model Size:

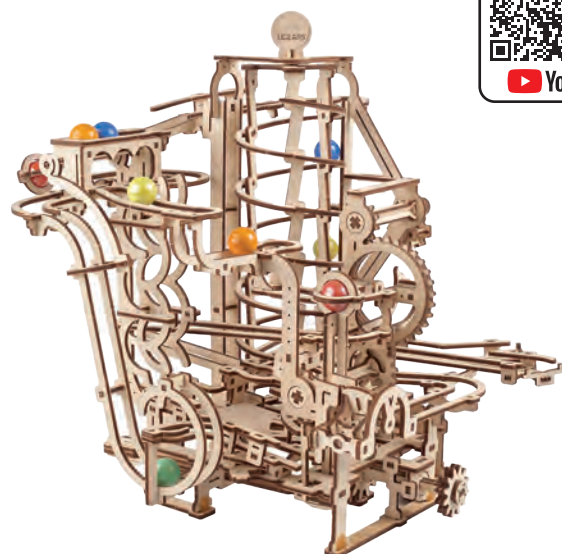
11.2x10.4x10.9 in (28.5x26.3x27.6 cm)

Product Package Size:

14.9x6.7x1.3 in (37.8x17x3.4 cm)



The hoist has two
types of rails





Tyrannosaurus Rex

spring
motor

14+
age

249
pcs

8h
assemble
time

advanced

EAN: 4820184121751

Assembled Model Size: 14.8x5.8x3.9 in (37.5x14.7x10 cm)

Product Package Size: 14.7x6.7x2 in (37.3x17x5 cm)



YouTube



First bi-pedal walker
by Ugears



The tail swings synchronously
with the legs to keep balance



Find the key at the
top of the tail

Triceratops

spring
motor

14+
age

400
pcs

8h
assemble
time

medium

EAN: 4820184121829

Assembled Model Size: 13.4x5.5x4.3 in (34x14x11 cm)

Product Package Size: 14.7x6.7x2 in (37.3x17x5 cm)



Can walk up to 100 cm



Find the key between the
shoulder blades



Stegosaurus

spring
motor

14+
age

305
pcs

8h
assemble
time

medium

EAN: 4820184121898

Assembled Model Size: 13.2x6.3x4.3 in (33.5x16x11 cm)

Product Package Size: 14.7x6.7x2 in (37.3x17x5 cm)

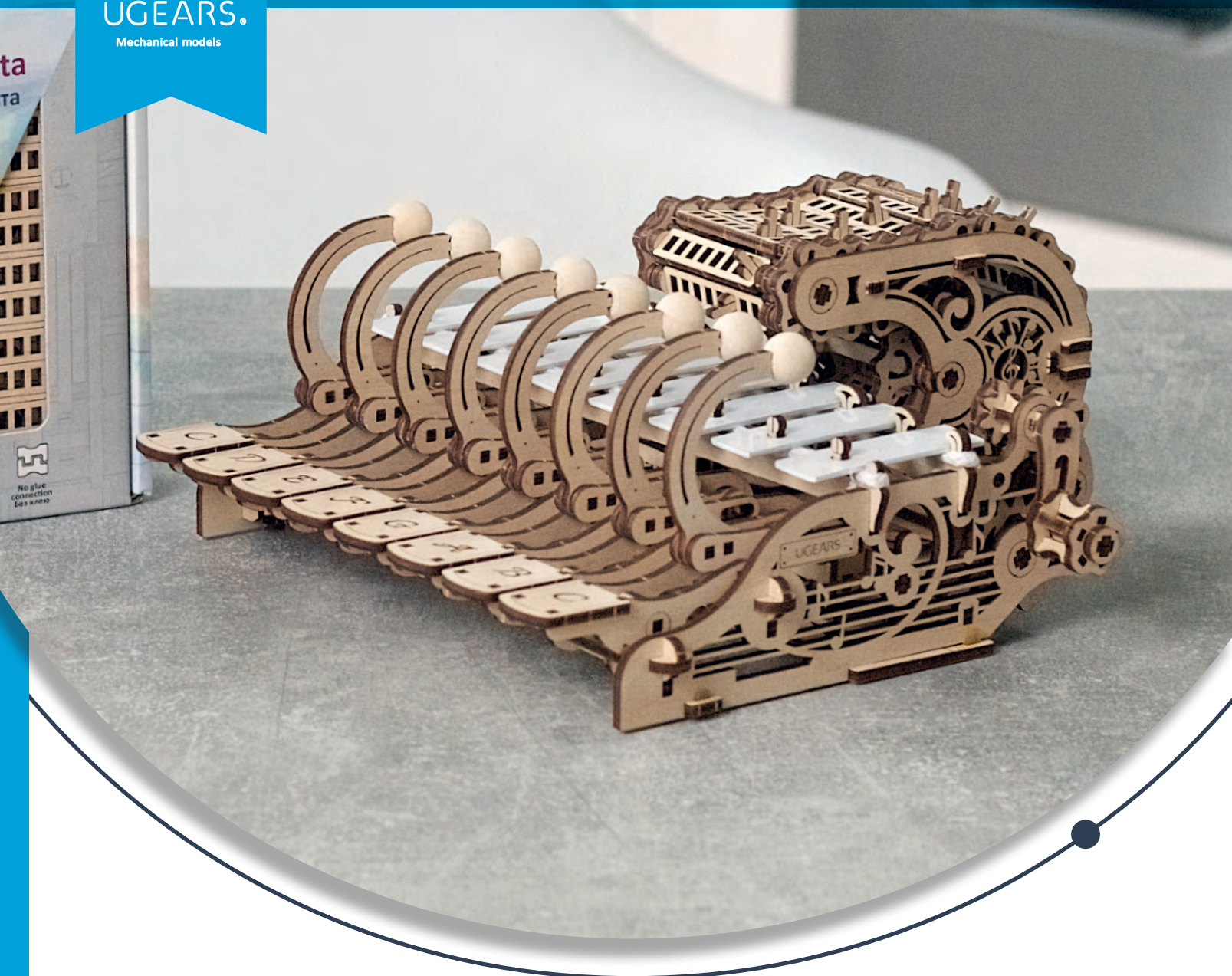


The bony plate functions
as a «Start/Stop» switch



Find the key in the
dino's belly





Mechanical Celesta

14+
age

573
pcs

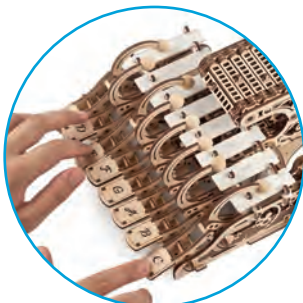
8h
assemble
time

medium

EAN: 4820184121515

Assembled Model Size: 11x11.2x4.7 in (28x28.5x12 cm)

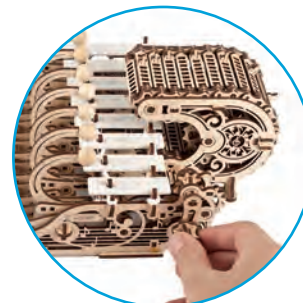
Product Package Size: 14.7x6.7x1.9 in (37.3x17x5 cm)



A 3D puzzle and a functional musical instrument



A simpler version of a pianola with elements of a piano, a music box, and a xylophone



Two modes of playing: using the keys or piano belt

Hurdy-Gurdy

14+
age

292
pcs

5h
assemble
time

medium

EAN: 4820184120648

Assembled Model Size: 15.7x6.5x8.7 in (40x16.5x22 cm)

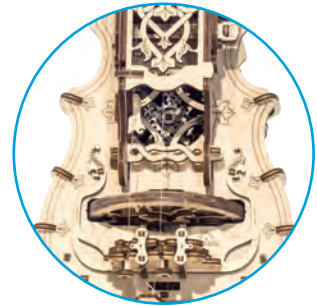
Product Package Size: 14.9x6.7x2 in (37.8x17x5 cm)



A 3D puzzle and a functional musical instrument

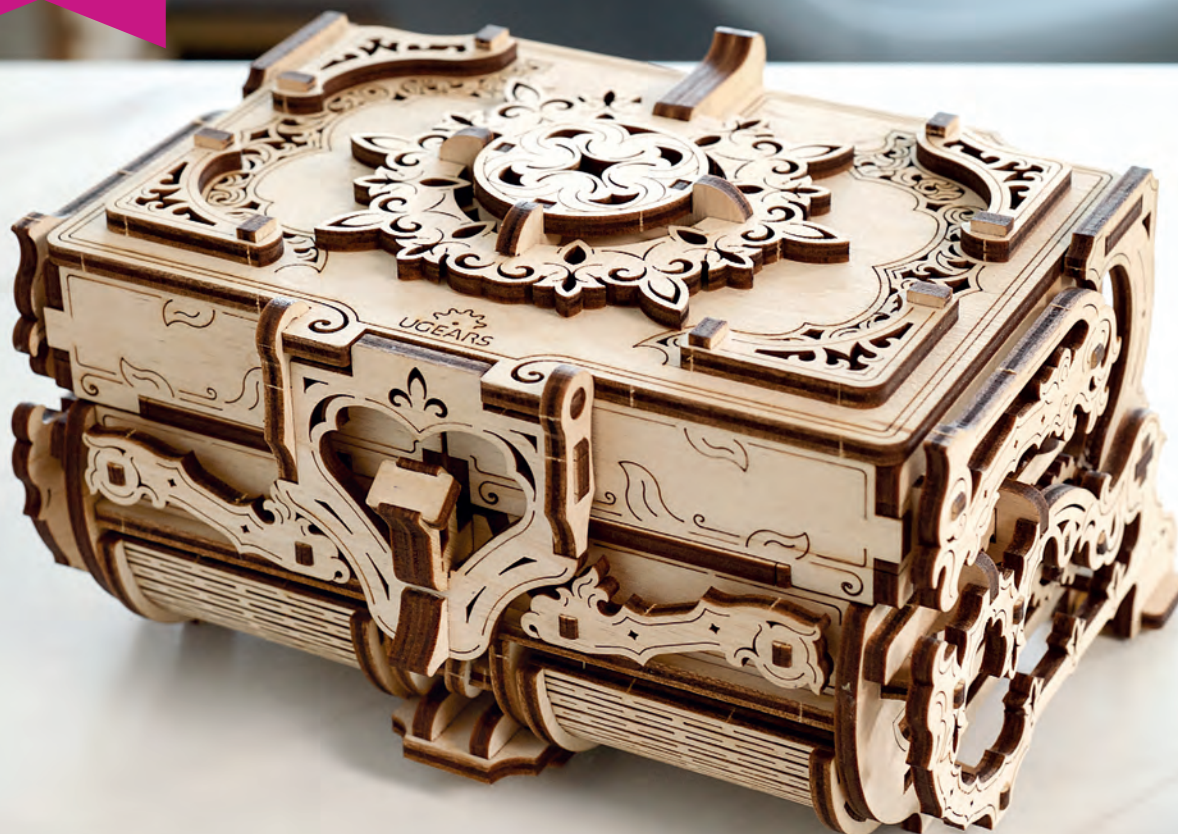


Six keys and two strings



Tablatures (sheet music) are included





Antique Box

14+
age

185
pcs

4h
assemble
time

medium

EAN: 4820184121003

Assembled Model Size: 6.9x5.5x3.9 in (17.5x14x10 cm)

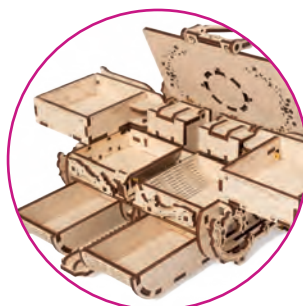
Product Package Size: 14.9x6.7x1.3 in (37.8x17x3.2 cm)



YouTube



Beautiful box for
treasures



Has eight
compartments



Has a locking latch

Safe

14+
age

179
pcs

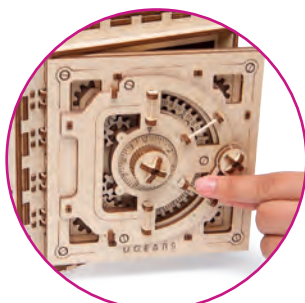
6h
assemble
time

advanced

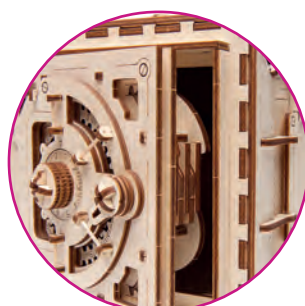
EAN: 4820184120228

Assembled Model Size: 7x6.8x7.5 in (17.6x17.3x19.2 cm)

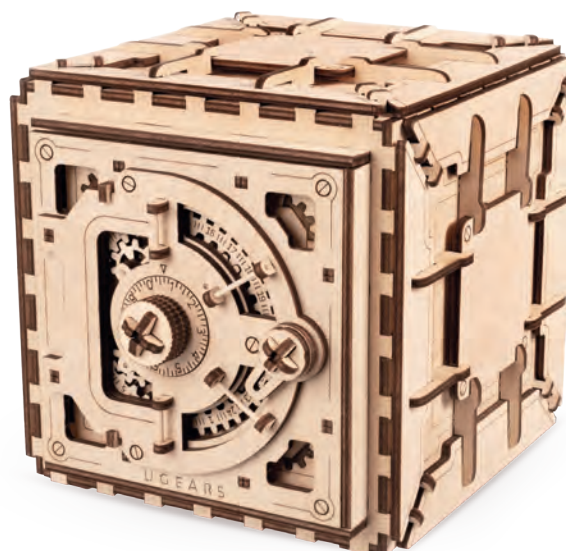
Product Package Size: 14.7x6.7x2 inch in (37.3x17x5 cm)



You can create a personal
lock combination



Challenge: try to open
without a code



Treasure Box

14+
age

190
pcs

4h
assemble
time

medium

EAN: 4820184120594

Assembled Model Size: 5.6x3.6x5.6 in (14.2x9.1x14.2 cm)

Product Package Size: 14.7x6.7x1.4 in (37.3x17x3.5 cm)



The key is embedded
in the carved lid



To set the gears in motion
you need to unblock the
mechanism





THE HARRY POTTER™ SERIES

Ugears also produces a wonderful line of models inspired by the beloved Harry Potter™ books and movies. This collection, licensed by Warner Brothers, includes seven models:

- the spring-powered Hogwarts™ Express train;
- the Flying Ford Anglia™ car with its secret ejection function;
- the Knight Bus™ which is able to narrow and expand itself and change speed;
- Hagrid's Flying Motorbike™ with Sidecar mini model;
- Quidditch™ Pinball — an exciting, functional DIY pinball game;
- the Platform 9 ¾ static model, replicating the Victorian era look of King's Cross station;
- and the Harry Potter™ Advent Calendar with 24 themed figurines with mechanical elements.

Embark on a magical journey with Ugears and bring the wizarding world to life as you build these wonderfully detailed, clever models. Sure to delight fans of the Harry Potter™ series, models in this line are perfect for parents looking for a fun craft project to build with their children over the holidays, and anyone looking to add a little magic to the season.





Quidditch™ Pinball

14+
age

402
pcs

9h
assemble
time

advanced

EAN: 4820184121980

Assembled Model Size: 16.7x7.3x11.6 in (42.5x18.5x29.5 cm)

Product Package Size: 14.9x6.7x2 in (37.8x17x5 cm)



YouTube



Functional pinball game
elements:
flippers, bumpers, targets



Functional
scoreboard



A chest for
the Golden Snitch
and Quaffle balls

The Knight Bus™



spring
motor

14+
age

268
pcs

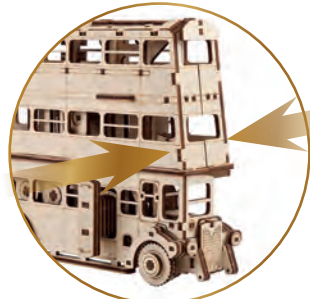
6h
assemble
time

medium

EAN: 4820184121461

Assembled Model Size: 7.7x2.6x5.9 in (19.6x6.5x15 cm)

Product Package Size: 14.9x6.7x1.1 in (37.8x17x2.8 cm)



Can narrow and expand
itself



Flying Ford Anglia™



spring
motor

14+
age

244
pcs

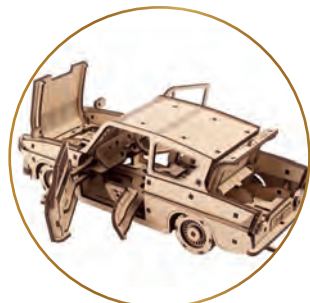
6h
assemble
time

medium

EAN: 4820184121447

Assembled Model Size: 8.9x3.3x3.1 in (22.5x8.5x8 cm)

Product Package Size: 14.9x6.7x1.1 in (37.8x17x2.8 cm)



Has a secret "ejection"
function



Harry's model suitcase



Hogwarts™ Express



spring
motor

14+
age

504
pcs

7h
assemble
time

advanced

EAN: 4820184121454

Assembled Model Size: 35.6x4.9x3.9 in (90.5x12.5x10 cm)

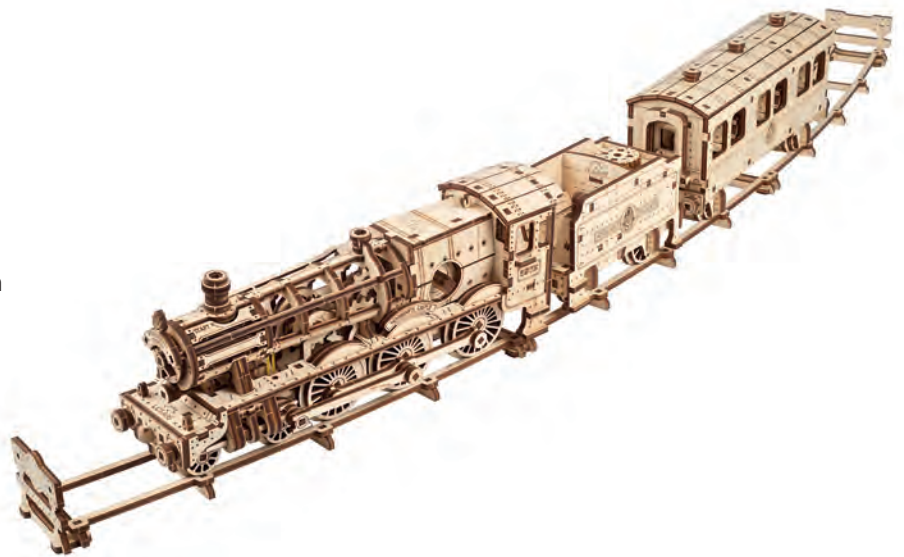
Product Package Size: 14.8x6.7x2 in (37.8x17x5 cm)



Harry, Hermione,
and Ronald are in the train



Travels
4-6 meters



Platform 9 ¾™



14+
age

230
pcs

3h
assemble
time

easy

EAN: 4820184121973

Assembled Model Size: 23.4x10.4x9.5 in (59.5x26.5x24 cm)

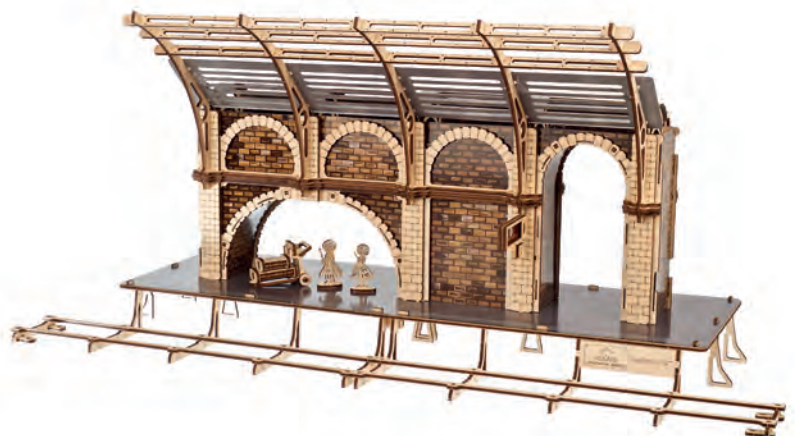
Product Package Size: 14.9x6.7x1.3 in (37.8x17x3.3 cm)



Platform sign
Figurines of Harry and Ron
Luggage trolley



Two-sided platform
with upward curving
arches



Hagrid's™ Flying Motorbike



14+
age

130
pcs

1h
assemble
time

easy

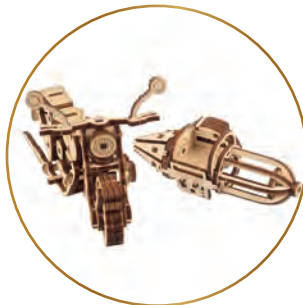
EAN: 4820184121812

Assembled Model Size: 5.3x3.4x4.3 in (13.5x8.5x11 cm)

Product Package Size: 8x3.6x0.7 in (20.3x9.2x1.8 cm)



Steering wheel
that can be turned



Detachable
open sidecar



Harry Potter™ Advent Calendar



14+
age

247
pcs

4h
assemble
time

easy

EAN: 4820184121607

Assembled Model Size: from 1.7x1x0.4 to 5.1x2.3x1.4 in
(from 4.4x2.6x1 to 13x5.9x3.5 cm)

Product Package Size: 14.7x10.6x2.5 in (37.3x26.9x6.4 cm)

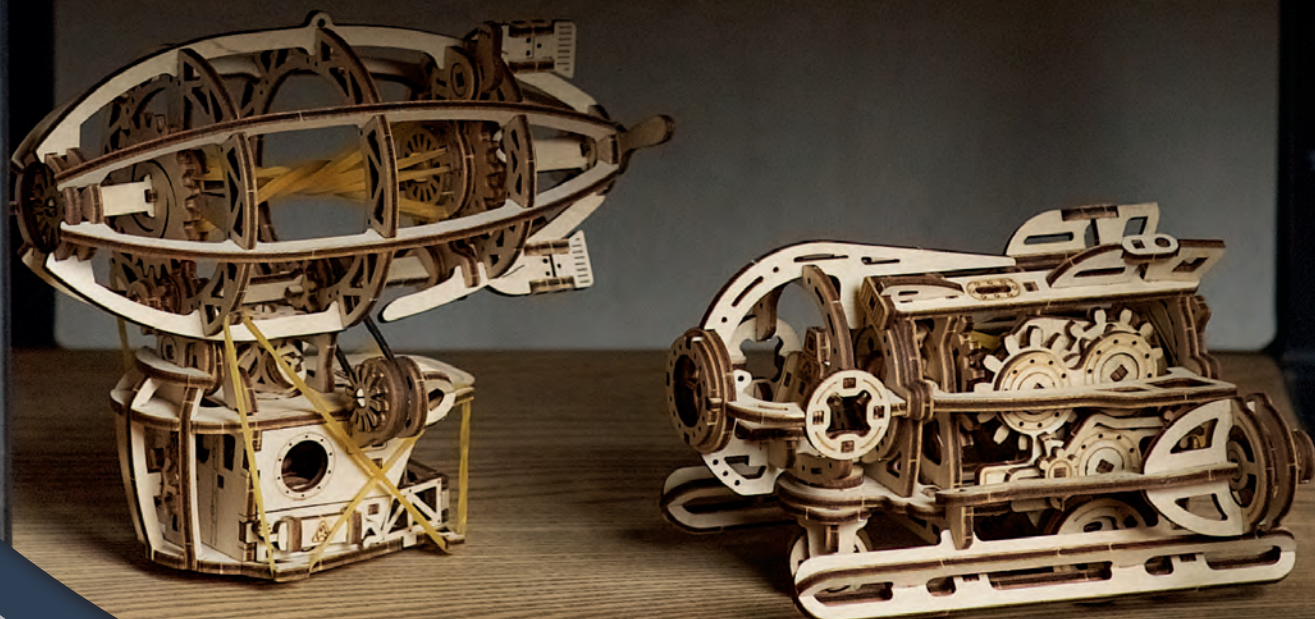


Fun and easy assembly



Can be hang on the
Christmas tree





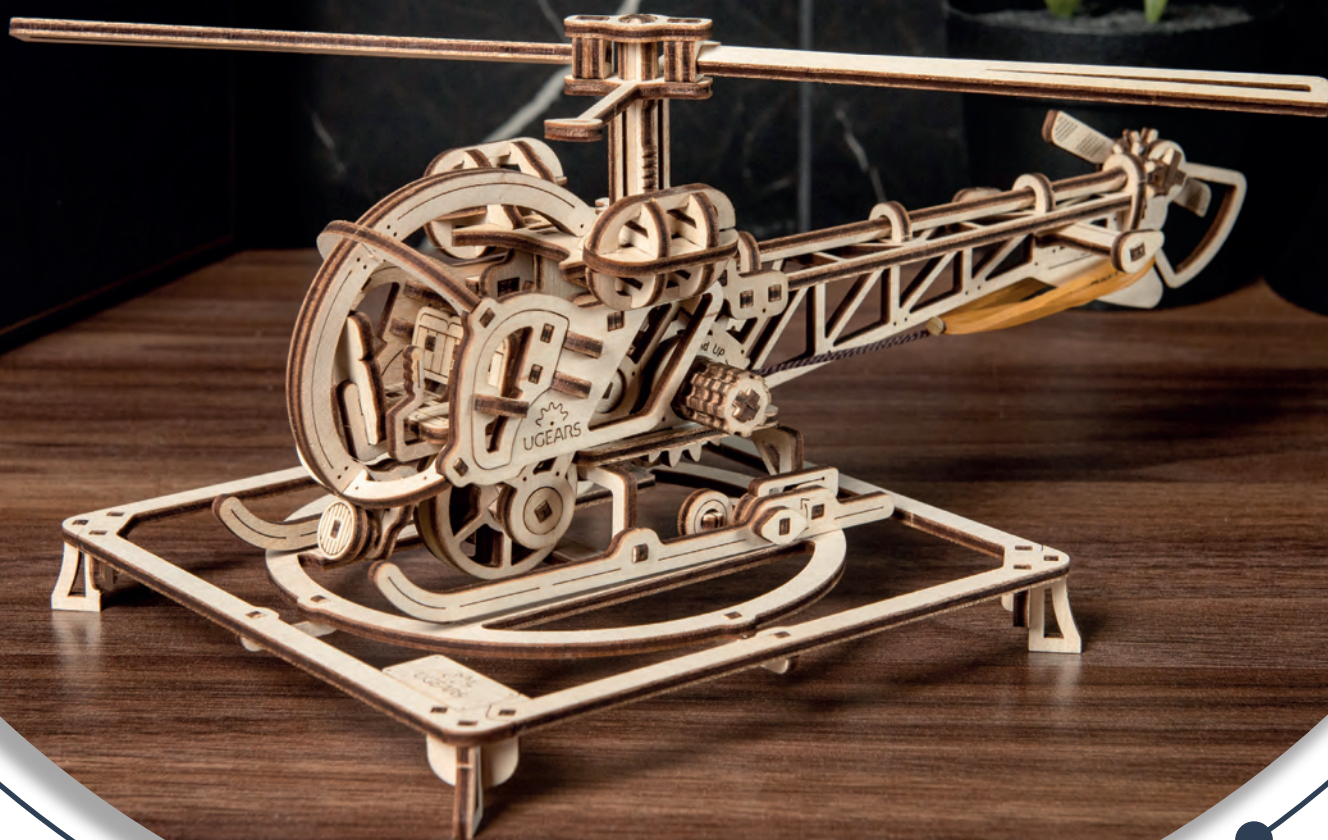


SMART MODELS

The SMART product line is an intermediate category between Mini and Classic models.

All models in the SMART line have a smaller assembly board format of 165 x 180 mm (half the standard size), and a somewhat simplified aesthetic.

SMART models are a step up from the Mini line in terms of mechanical complexity. Many models feature rubber band motors while some have a spring motor. Builders can learn more about mechanics and how certain elements (gears, ratchets) work in plywood, before moving on to our more complex models.



Mini Helicopter

rubber
motor

14+
age

167
pcs

3h
assemble
time

easy

EAN: 4820184121935

Assembled Model Size: 9.9x4.5x11.6 in (25.2x11.5x29.5 cm)

Product Package Size: 7.4x6.7x1.4 in (18.7x17x3.5 cm)



YouTube



Doors that open



Retractable rear wheels,
landing skids



Helipad - an attractive
static display

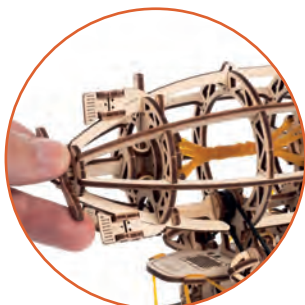
Steampunk Airship



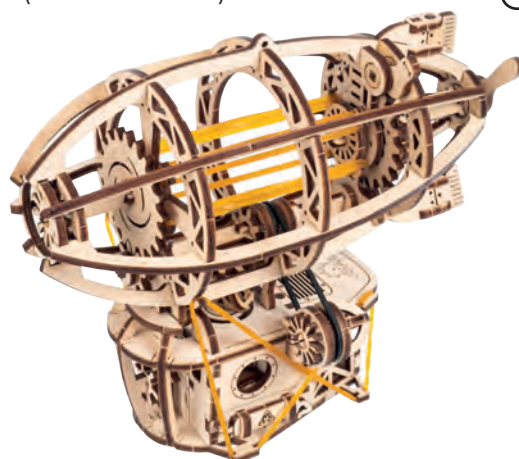
EAN: 4820184121911

Assembled Model Size: 6.7x5.4x3.5 in (16.9x13.6x9 cm)

Product Package Size: 7.4x6.7x1.4 in (18.7x17x3.5 cm)



Rubber band motor



YouTube

Mini Locomotive



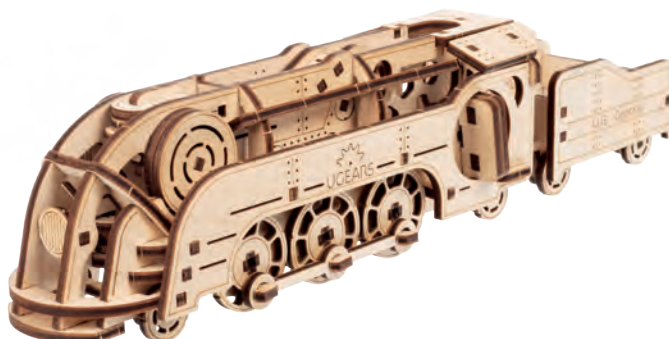
EAN: 4820184121959

Assembled Model Size: 9.8x2.4x2.6 in (25x6x6.5 cm)

Product Package Size: 7.4x6.7x1.4 in (18.7x17x3.5 cm)



Combined with an open coal tender



YouTube

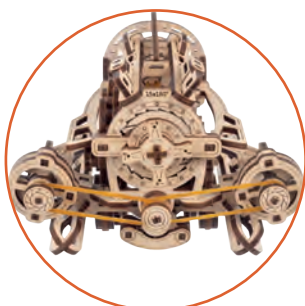
Steampunk Submarine



EAN: 4820184121966

Assembled Model Size: 5.5x3.5x5 in (14x9x12.8 cm)

Product Package Size: 7.4x6.7x1.4 in (18.7x17x3.5 cm)

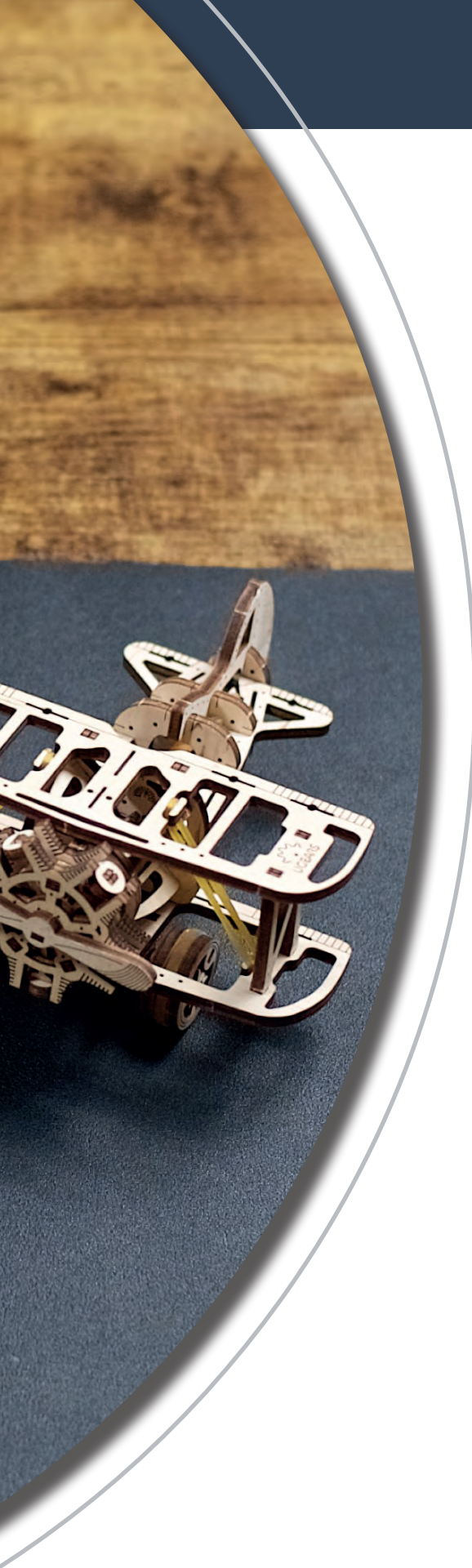


Spin twin propellers, movable fins



YouTube





MINI MODELS

The Mini model line features excellent starter models and provides an introduction to the fascinating world of Ugears 3D puzzles.

Mini models are easy-level Ugears kits and take an hour or less to complete. They have the same recognizable Ugears aesthetic and steampunk sensibility, the same high-quality wooden parts, and the same “no glue or extra tools required” assembly.

The Mini models collection includes vehicles, aircraft, decorative clocks, and even a foldable phone holder.

Mini models are fun, simple DIY projects, and a great gift idea for any age. As young builders learn to build these delightful, engaging toys they will also be building their mechanical knowledge and aptitude. But you don't have to be a kid to enjoy Ugears Mini models, which make an attractive addition to any home or office decor.



Steampunk Clock 2.0

8+
age

40
pcs

1h
assemble
time

easy

EAN: 4820184121867

Assembled Model Size: 3,1x5,3x2,1 in (8x13,5x5,3 cm)

Product Package Size: 8x3.6x0.6 in (20.3x9.2x1.45 cm)



Floral design:
sun, stars, and moon
motifs



Has spinning gears,
moving minute and hour
hands on a clock face



Open design allows
you to see the model's
gearing in action

Ocean Beauty Yacht



14+
age

95
pcs

1h
assemble
time

easy

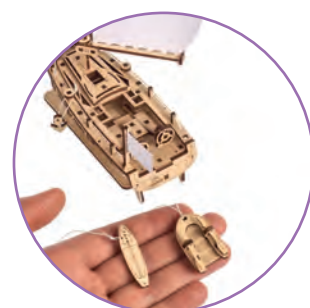
EAN: 4820184121645

Assembled Model Size: 12.4x7.5x4.5 in (31.5x19x11.5 cm)

Product Package Size: 9.8x3.6x0.6 in (24.8x9.2x1.4 cm)



A beautiful static model
with moving elements



A dinghy and a surfboard
are included



Mini-biplane



8+
age

84
pcs

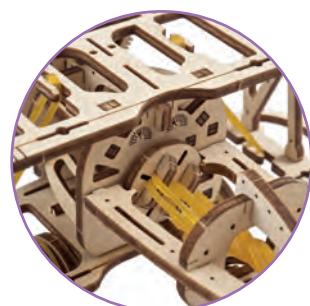
2h
assemble
time

easy

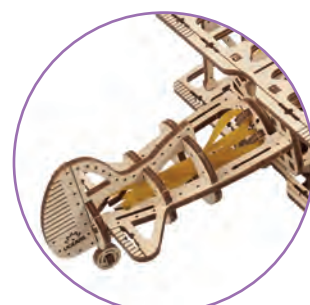
EAN: 4820184121386

Assembled Model Size: 5.9x5.1x3.1 in (15x13x8 cm)

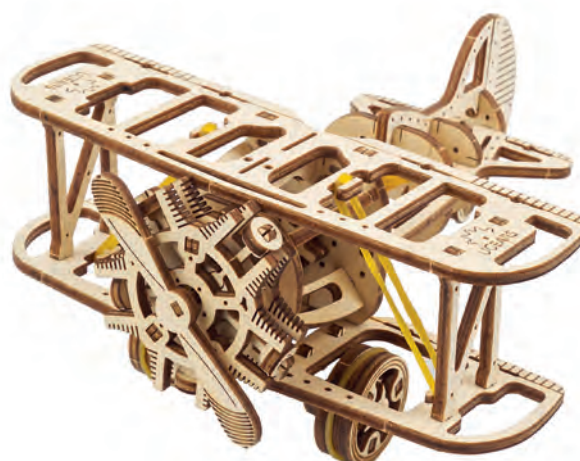
Product Package Size: 8x3.6x0.9 in (20.4x9.2x2.2 cm)



An open design, revealing the
model's inner workings



Is powered by a rubber
band motor



Desert buggy

8+
age

80
pcs

2h
assemble
time

easy

EAN: 4820184121423

Assembled Model Size: 4.2x3.6x3.6 in (11.5x9.5x9.5 cm)

Product Package Size: 8.7x3.6x0.7 in (21x9.2x1.9 cm)



You can adjust
the direction of
movement



YouTube

Old Clock Tower

8+
age

44
pcs

1h
assemble
time

easy

EAN: 4820184121409

Assembled Model Size:
7.9x3.8x2 in (20x9.7x5.2 cm)

Product Package Size:
8x3.6x0.9 in (20.4x9.2x2.2 cm)



Scroll the large gear
to set the hands



YouTube

Vintage Alarm Clock

8+
age

43
pcs

1h
assemble
time

easy

EAN: 4820184121379

Assembled Model Size:
4.9x3.5x2 in (12.5x9x5 cm)

Product Package Size:
8x3.6x0.9 in (20.4x9.2x2.2 cm)



Characteristic
«clacking» alarm sound



YouTube

Flexi-Cubus 2.0

8+
age

144
pcs

1h
assemble
time

easy

EAN: 4820184121881

Assembled Model Size: 4.5x2.4x1x1 in (11.5x6x2.8 cm)

Product Package Size: 8x3.6x0.6 in (20.4x9.2x1.45 cm)



Takes the shapes
of a rectangle
and a 3D cube



YouTube

Date Navigator 2.0

8+
age

32
pcs

20m
assemble
time

easy

EAN: 4820184121850

Assembled Model Size: 3.6x3.9x0.7 in (9.1x9.9x1.8 cm)

Product Package Size: 8x3.6x0.6 in (20.4x9.2x1.45 cm)



Helps to identify the day
of the week for any date
from 2017 to 2044



YouTube

Wheel-Organizer 2.0

8+
age

51
pcs

1h
assemble
time

easy

EAN: 4820184121874

Assembled Model Size: 4.3x3.7x3.5 in (11x9.3x9 cm)

Product Package Size: 8x3.6x0.7 in (20.4x9.2x1.8 cm)



Twist the wheel and
get the pen or pencil
you need



YouTube



UGEARS®
Mechanical models

U-Fidgets Pacific Ocean
Фіджети Тихий океан



U-FIDGETS

Each set of Ugears Fidgets features four small wooden figurines you assemble yourself, with simple mechanical elements.

These models are fun for children and adults and are perfect for those with little or no modeling experience. Despite their simplicity, U-Fidgets are engaging and captivating.

Ugears Fidgets collections come in a variety of themes, from modes of transportation to musical instruments, marine life, Ukrainian patriotism, and much more.

Each DIY fidget has a spinning gear to keep your fingers occupied, as well as an eyelet for hanging as an ornament or use as a keychain. Made of art-quality natural composite wood, you can leave your wooden model U-Fidgets in their natural state or color with a light coat of paint or stain, engaging your inner artist.



Atlantic Ocean

8+
age

38
pcs

40m
assemble
time

easy

EAN: 4820184121720

Assembled Model Size:

4.4x1.6x5 cm / 4x1x6.7 cm /

4.7x1x5 cm / 4.2x1x6.5 cm

Product Package Size:

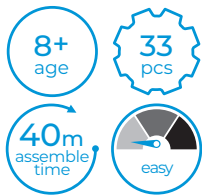
5.3x2.8x0.6 in (13.4x7.2x1.45 cm)



YouTube



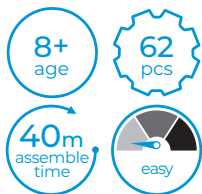
Pacific Ocean



EAN: 4820184121737
Assembled Model Size:
 4.2x1x5.9 cm / 5.2x1x4.6 cm /
 3.7x1x6.5 cm / 3.5x1x6.2 cm
Product Package Size:
 5.3x2.8x0.6 in (13.4x7.2x1.45 cm)



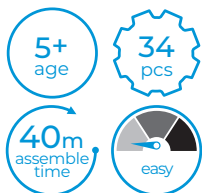
Vehicles



EAN: 4820184120617
Assembled Model Size:
 2.7x2.3x8.0 cm / 2.0x4.0x6.5 cm /
 2.2x3.4x6.7 cm / 2.2x4.5x6.7 cm
Product Package Size:
 5.3x2.8x0.6 in (13.4x7.2x1.45 cm)



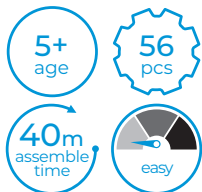
Tribiks



EAN: 4820184120587
Assembled Model Size:
 4.6x4.9x2.6 cm / 4.6x5.5x1.8 cm /
 4.8x4.5x1.9 cm / 5.4x4.7x1.9 cm
Product Package Size:
 3.5x4.7 in (9x12 cm)



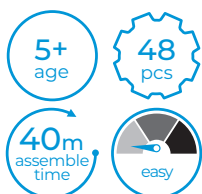
Ships



EAN: 4820184120631
Assembled Model Size:
 1.8x4.5x7.2 cm / 2.2x5.1x6.6 cm /
 2.0x4.6x6.0 cm / 1.8x4.9x7.8 cm
Product Package Size:
 3.5x4.7 in (9x12 cm)



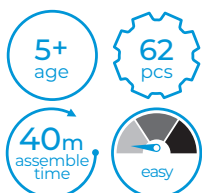
Creation



EAN: 4820184120693
Assembled Model Size:
 2.7x4.3x5 cm / 1.5x6.7x2.9 cm /
 2x4.6x4.3 cm / 1.9x3.8x6.8 cm
Product Package Size:
 3.5x4.7 in (9x12 cm)



Aircrafts



EAN: 4820184120624
Assembled Model Size:
 3.2x4.4x5.2 cm / 5.3x3.5x5.9 cm /
 1.8x3.3x7.3 cm / 6.2x3.7x6.4 cm
Product Package Size:
 3.5x4.7 in (9x12 cm)







UGEARS SHOWCASE CUBES EQUIPMENT FOR RETAIL

Ugears Showcase Cubes for retail locations help to demonstrate the beauty and mechanics of the model. Our engineers have created glass display cubes that automatically wind up the model when a customer walks by.

We have showcases with built engine and mechanical ones.

E/ Showcases equipped with an electrical motion sensor (radius 0.5 m) react on any movement. Available for models: Globe, Differential, Gearbox, Pendulum, Mechanical Aquarium, Automaton Cyclist, Drift Cobra Racing Car, Mechanical Celesta, Knight Bus™, Hogwarts™ Express.

M/ Showcases without electricity. Just rotate the knob and watch it moves. Available for models: Carousel, Tractor, Mechanical Flower, Theater.

We can provide our partners with ready assembled Ugears models upon request.

For details, please contact the Ugears partner in your country or at distrib@ugearsmodels.com



Motion working



micro USB 1m 2.1A

Drift Cobra Racing Car

Showcase Cube with built engine

Barcode: D820184121317

2,1 kg

Assembled Model Size:

14.6x8.5x9.3 in (37x21.5x23.5 cm)



Motion working



micro USB 1m 2.1A

Hogwarts™ Express

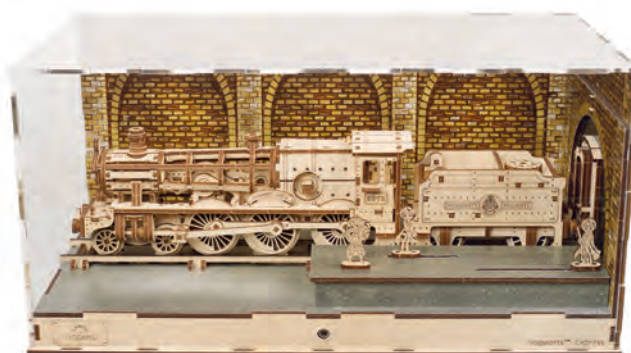
Showcase Cube with built engine

Barcode: D820184121454

2,4 kg

Assembled Model Size:

17.3x8.5x9.3 in (44x21.5x23.5 cm)



Motion working



micro USB 1m 2.1A

Knight Bus™

Showcase Cube with built engine

Barcode: D820184121461

1,5 kg

Assembled Model Size:

9.5x8.5x9.3 in (24.2x21.5x23.2 cm)



Motion working



12V/1A power cable

Mechanical Flower

Showcase Cube with built engine

Barcode: D820184120273

1,7 kg

Assembled Model Size:

10x9.8x10 in (25.3x25x25.3 cm)





Motion working



power cable

Mechanical Aquarium

Showcase Cube with built engine

Barcode: D820184121263

1,8 kg

Assembled Model Size:

10x9.8x10 in (25.3x25x25.3 cm)



Motion working



power cable

Automaton Cyclist

Showcase Cube with built engine

Barcode: D820184121195

1,6 kg

Assembled Model Size:

8.8x8.6x12.2 in (22.4x22x31 cm)



Motion working



power cable

Carousel

Showcase Cube with built engine

Barcode: D820184121072

2,1 kg

Assembled Model Size:

10x9.8x13.2 in (25.3x25x33.5 cm)



Motion working



power cable

Globus

Showcase Cube with built engine

Barcode: D820184121096

1.7 kg

Assembled Model Size:

10x9.8x10 in (25.3x25x25.3 cm)



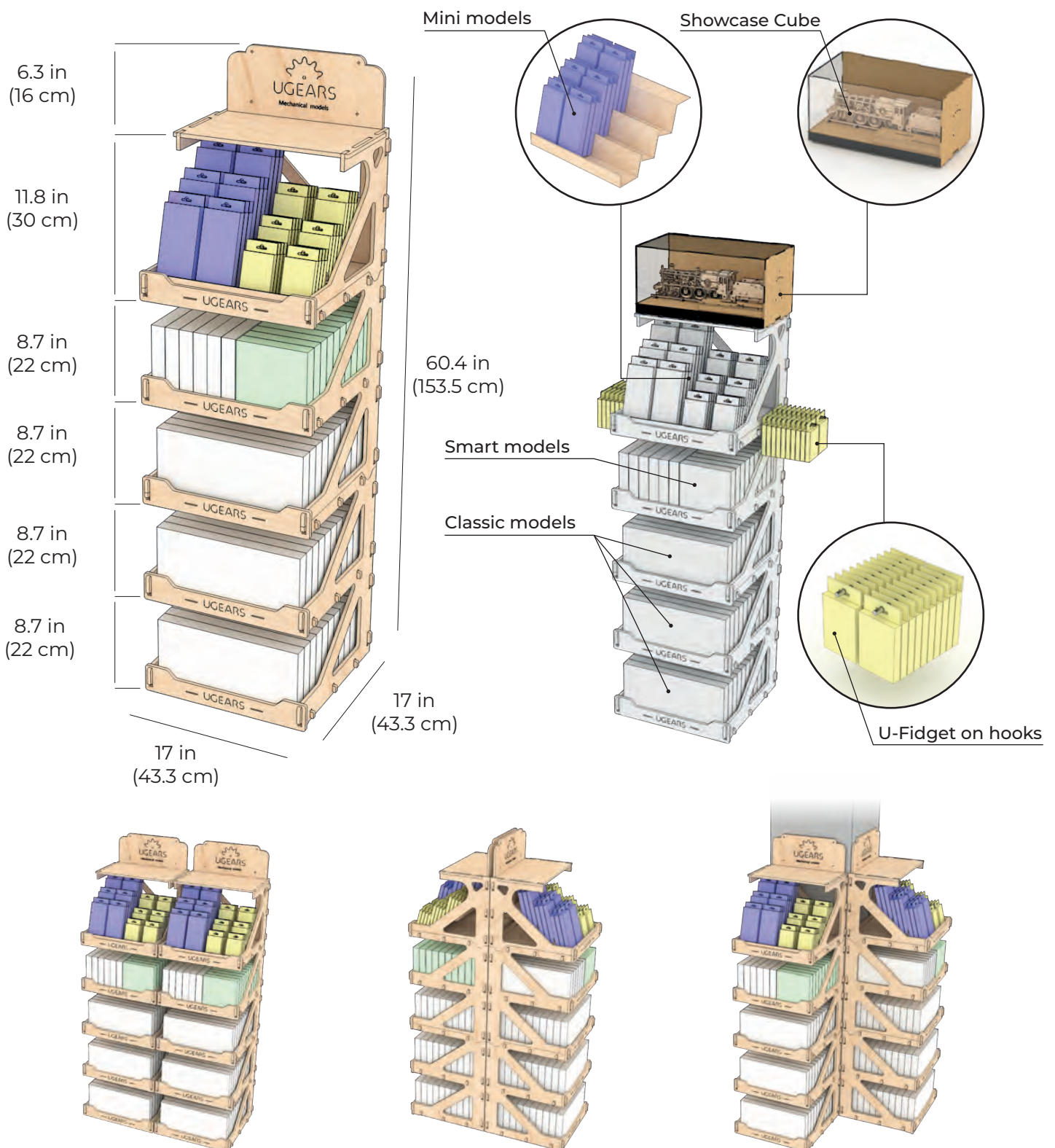
Ugears Models Branded Retail Display

Model size: 17x17x60.4 in (43.3x43.4x153.5 cm)

Package size: 17.2x3.6x30.4 in (43.6x9.1x77.2 cm)

Parts count and weight (gross/net): 104 parts
12 kilogram

Ugears Retail Displays will help you organize a branded zone in the store and demonstrate a wide range of models. Up to 82 Ugears models fit on one display. You can also place Showcase Cubes here. It's possible to hang models on hooks from both sides of the retail display (*please note that hooks are not included*).



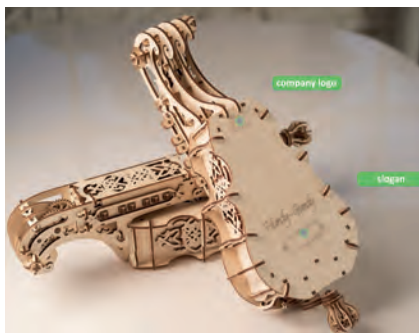
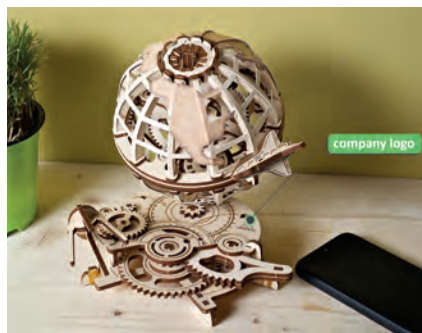
Different configurations for retail displays are possible.

CORPORATE GIFTS

YOU WILL BE PROUD TO GIVE BRANDED MODEL KITS BY UGEARS

Show your clients, suppliers, partners or employees that you value them with a unique gift — a UGEARS mechanical model or puzzle box. Most models are suitable for engraving with your company name or slogan.

Please note the minimum order quantity for engraving is 100 models. For details, please contact the Ugears partner in your country or at distrib@ugearsmodels.com



distrib@ugearsmodels.com

Welcome to the world of

UGEARS

Catalog 2024

Find the Ugears' partner
in your country



UGEARS Distribution
Department
distrib@ugearsmodels.com
WhatsApp: +380504432084

ugearsmodels.com

