CREATIVE DESIGN

DOCYKE Technology Co.,Ltd is a diversified technology company originated from the world east-China.
We are a young team full of passion, dreams, novel ideas and pursuing product perfection. We create “DOCYKE” to provide more valuable and more interesting real constructible rides and innovative designs to the whole world.
Welcome to join us as a partner , and let’ s make our dreams come true .

www.DOCYKE.com
WhatsApp:86-19814789391
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ADDRESS：No.21 Caojiang Road,Yuecheng District,Shaoxing City,Zhejiang Province,China

DOCYKE

INTRODUCTION OF DOCYKE





MODULAR
RIDE

CREATIVE DESIGN



DOCYKE Technology Co.,Ltd
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Do My Own Creation !

DOCYKE is an innovative Modular Kit that can be built as creative as LEGO,But you can drive for real.



1-4 years
S-kit

4-12 years
Gokart-kit

1-16 years
Snow-kit

From consumer kit to EDU kit; From land to snow and water kit, DOCYKE provide children with a variety of fun experiences.

DOCYKE

Creative Thinking
Collaboration
Problem Solving

RIDE ON TOYS

S -KIT
Ages 1-4 Years
Design 20 Types

M -KIT
Ages 1-6 Years
Design 40 Types

L -KIT
Ages 1-10 Years
Design 60 Types

E -UPGRADE
Ages 4-14 Years
Design 20 Types

□□ -KIT
Ages 4-12 Years
Design 15 Types

SNOW -UPGRADE
Ages 1-16 Years
Design 20 Types

TRACK -UPGRADE
Ages 5-16 Years
Design 3 Types

多可
DOCYKE

EDU-CATION

□□□ -KIT
Ages All-kit Years
Design No Limit Types

□□ PROGRAMMING
Ages 10-18 Years
Design 6 Types

□ □□□
Standard 600w
Super 2500w

□□□□
For Robot
Models GUV
Models UAV

R&D

WHEELCHAIR RACING

WATER -UPGRADE
Under development

□□ PROGRAMMING
Under development

S-KIT

20 incredibly fun rides for kids from 1 to 5 years old.
Handbag packaging is perfect for gifting.



PARAMETER

BUILDING TIME
3h

MAX LOAD
30kg

SIZE:LXWXH
73x33x53cm

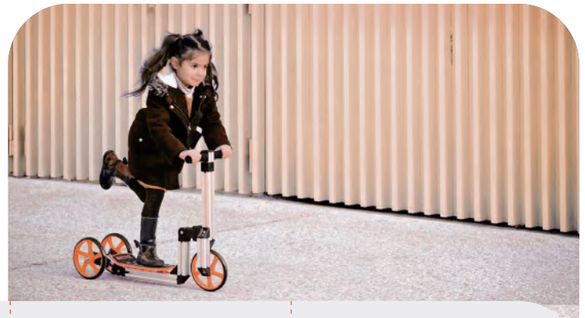
NET WEIGHT
5kg

01 PACK

PACKAGE DIMENSIONS
43x34x15cm
WEIGHT
7.2kg



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S01


S02


S03


S04


S05


S06


S07


S08


S09


S10


S11


S12


S13


S14


S15


S16


S17


S18


S19


S20

M - KIT CONTAIN S-KIT

With M-Kit, you can build 40 types of vehicles (include 20 types from S-Kit) for children from 1 to 8 years old.



PARAMETER

BUILDING TIME
5h

MAX LOAD
40kg

SIZE:LXWXH
120x24x85cm

NET WEIGHT
9kg

01 PACK

PACKAGE DIMENSIONS
41.5x22x35cm

WEIGHT
13.5kg



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M01


M02


M03


M04


M05


M06


M07


M08


M09


M10


M11


M12


M13


M14


M15


M16


M17


M18


M19


M20


L - KIT

CONTAIN M - KIT

L-Kit can build 60 types of rickshaws for 1-14 year olds, including M-KIT. You can also add E-upgarde to build more electric karts.



PARAMETER

BUILDING TIME
8h

MAX LOAD
50kg

SIZE:LXWXH
120x70x87cm

NET WEIGHT
18kg

- MECHANICAL BRAKE

01 PACK

PACKAGE DIMENSIONS
75.5x42.5x32cm
WEIGHT
32kg





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L01


L02


L03


L04


L05


L06


L07


L08


L09


L10


L11


L12


L13


L14


L15


L16


L17


L18


L19


L20


6 in 1 Go-Kart

While retaining the core functionality of the GK-KIT, the installation process has been simplified, allowing users to complete assembly in a short time. Six different configurations of electric vehicle models.



PARAMETER

BUILDING TIME
5h

MAX LOAD
100kg

CHARGING TIME
4h

SPEED
0-10km/h

01 PACK

PACKAGE DIMENSIONS
100x23x40cm

WEIGHT
27kg



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CH01



CH02



CH03



CH04



CH05



CH06



15 in 1 Go-Kart

MOST POPULAR KIT

This is our most popular kit for 5 to 18 years old! With this kit, you can build over 15 electric vehicles that powered by lithium battery.



PARAMETER

BUILDING TIME 16h	LITHIUM BATTERY 18v/8ah
MAX LOAD 70kg	USING TIME 1.5h
SIZE:LXWXH 125x98x65cm	CHARGING TIME 3h
NET WEIGHT 25kg	SPEED 0-10km/h

- BRUSHLESS MOTOR
- 400W POWER
- MECHANICAL BRAKE
- ELECTRONIC BRAKE
- SELF PROTECTION

01 PACK

PACKAGE DIMENSIONS
75.5x42.2x32cm
WEIGHT
35kg





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Gk01



Gk02



Gk03



Gk04



Gk05



Gk06



Gk07



Gk08



Gk09



Gk10



Gk11



Gk12



Gk13



Gk14



Gk15



E - UPGRADE CONTAIN GO KART

MATCH WITH L-KIT

This kit is an Add-on for the L-kit that allows you to create more 20 vehicles that powered by lithium batteries, for children from 6 to 14 years.



PARAMETER

BUILDING TIME 16h	LITHIUM BATTERY 18v/8ah
MAX LOAD 70kg	USING TIME 1h
SIZE:LXWXH 120x94x60cm	CHARGING TIME 3h
NET WEIGHT 25kg	SPEED 0-10km/h

- BRUSHLESS MOTOR
- 400W POWER
- MECHANICAL BRAKE
- ELECTRONIC BRAKE
- SELF PROTECTION

01 PACK

PACKAGE DIMENSIONS
41.5x22x35cm
WEIGHT
10kg



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E01



E02



E03



E04



E05



E06



SNOW - UPGRADE

MATCH WITH ALL - KIT

This kit is an Add-on for the all Kit that allows you to create over 18 awesome slides for children from 0 to 18 years.



PARAMETER

BUILDING TIME
6h

MAX LOAD
40kg

SIZE: LXWXH
110x38x88cm

NET WEIGHT
10kg

01 PACK

PACKAGE DIMENSIONS
40x32x12.5cm

WEIGHT
3.5kg



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SN-L1


SN-L2


SN-L3


SN-L4


SN-L5


SN-L6


SN-M1


SN-M2


SN-M3


SN-M4


SN-M5


SN-M6


SN-S1


SN-S2


SN-S3

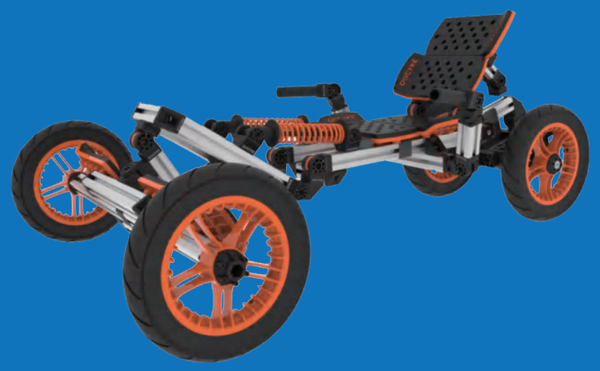

SN-S4


SN-S5


SN-S6


EDU - KIT

The most complete kit designed for education. Includes 3 sets of Go-kart aluminium profiles, 2 motors & batteries and matching power tools, storage box, trolley. Suitable for groups of 2 - 4 students.



PARAMETER

BATTERY
2x18v/8ah

MAX LOAD
100kg

MAX SPEED
25km/h

NET WEIGHT
35kg

- 2xBRUSHLESS MOTOR
- 2xBATTERY
- MECHANICAL BRAKE
- ELECTRONIC BRAKE
- SELF PROTECTION

01 PACK

PACKAGE DIMENSIONS
60x80x80cm
WEIGHT
100kg



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ATV



GRAVITY



GT



BATMAN



DYNAMIC



FASTER



TRUCK



SP - KIT

This programming kit is based on the DOCYKE kit parts with servo motors, controllers and sensors, enabling a range of functions such as intelligent driving and self-balancing.



PARAMETER

BUILDING TIME
6h

MAX LOAD
50kg

SIZE:LXWXH
91x49X42cm

NET WEIGHT
15kg

01 PACK

PACKAGE DIMENSIONS
62.5x41.5x32cm
WEIGHT
25kg



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SP1: Assistant Driving car



SP2: Remote control truck



SP3: Auto balance cart



SP4: Electronic differential Tricycle



SP5: tracking line truck



SP6: Light chasing seat



SP7: Light follower



SP8: Smart Fortune cat



TRACK - KIT

Unique cool rides for kids from 5 to 16 years : snowmobile、halftrack and bombardier.
Let us conque from snow to sand, from land to marsh.

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PARAMETER

BUILDING TIME
16h

MAX LOAD
80kg

SIZE: LXWXH
1368x1048x635mm

NET WEIGHT
38kg

- 2xMOTOR
- 2xBATTERY

Snowmobile

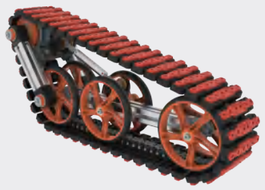


Halftrack



Bombardier





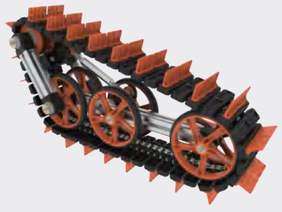
Ground



Chain wheel



Rubber mat



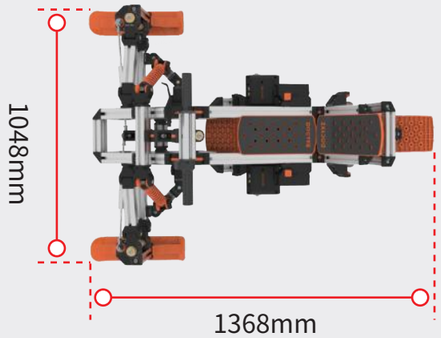
Marsh



Chain plate

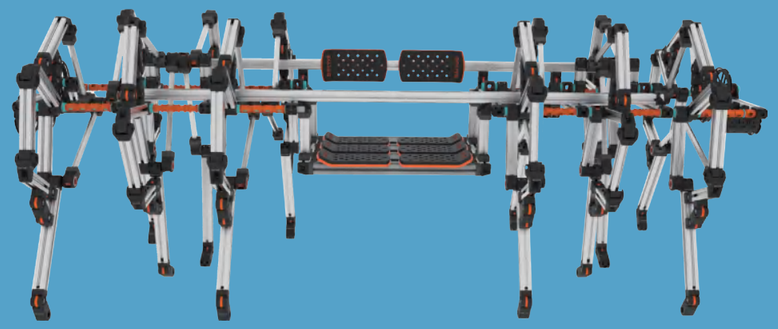


Anti skid plate





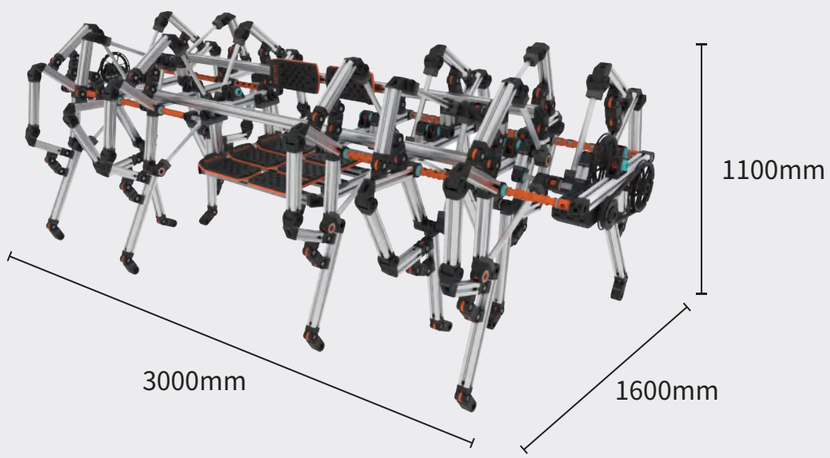
SPECIAL MACHINE



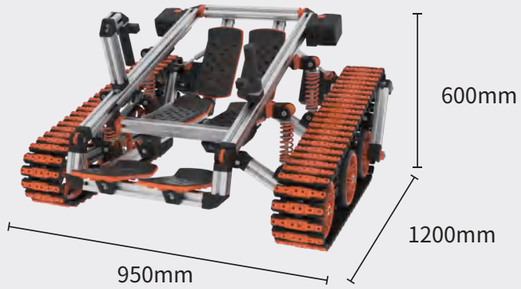
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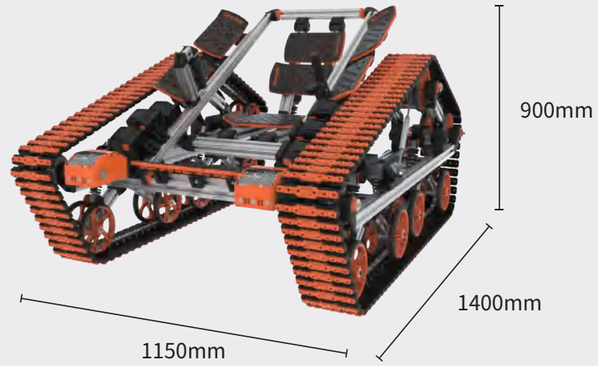
Queen

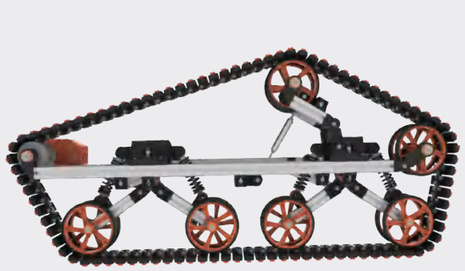


Tank mini



Tank







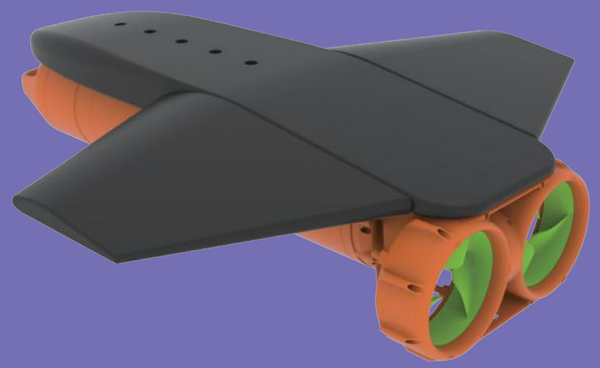
R&D

From scooters to snowmobile, from ride on toys to auto driving vehicle for kids. DOCYKE has adhered of innovation and overcoming difficulties since its inception.

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Mini eFoil 2 in 1



Water Scooter





Electric Surfboard



Max power：12 kw
Max speed：45 km/h



Max power：15 kw
Max speed：55 km/h

Safe Speed For Kids



Motor

Weight：1.2KG　Rated Voltage：18V
No-Load Speed：340r/min
Max Power：600W
Max Speed Of 12" wheel：10KM/H

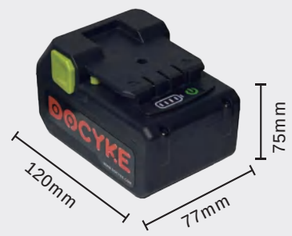
1G Acceleration For Exciting Speeds



Super Motor

Weight：2.7KG　Rated Voltage：54V
No-Load Speed：930r/min
Max Power：2500W
Max Speed Of 12" wheel：30KM/H

Battery



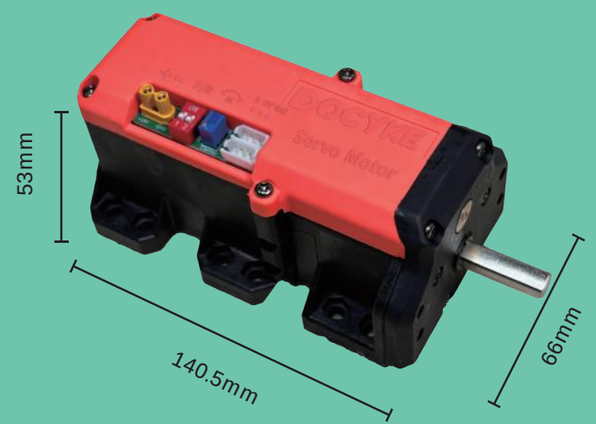
8Ah



12Ah

SERVO

DOCYKE Super servo is perfectly compatible for robots, modelsFutaba, JR, SANWA, or other remote control or Arduino PCB)， super power (180W)



For

Robot
Models GUV
Models UAV

Accessory kit



①



② 7 inch wheel



③ 12 inch wheel(bearing)



④ belt wheel（fixed）



⑤ Chain wheel



⑥ Servo Tester

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1: The control signal and connection are similar to ordinary servo.

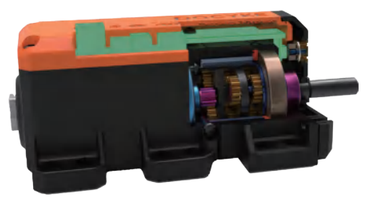
2: Motor mode and servo mode can be easily switched .

3: The PCB has various protections including jam, overcurrent, over temperature and so on.

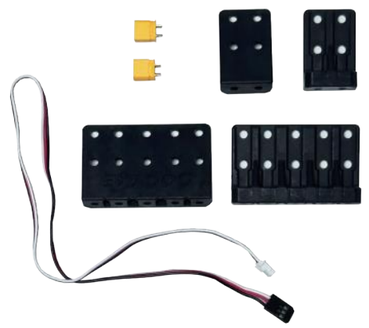
4: Double-shaft installation can be used in special force occasions to increase reliability

5: High hardness steel planetary gear transmission, High durability.

6: Magnetic encoder feedback, high repeatability.



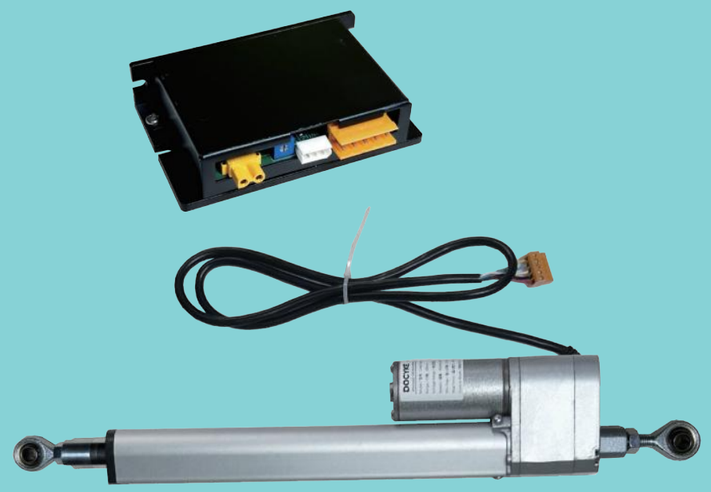
Accessory kit



Model	S90	S350	S550
Rated voltage	18V	18V	18V
Voltage range	16-24V	16-24V	16-24V
Motor mode speed	0-280r/min	0-65r/min	0-45r/min
Max. current	25A	25A	25A
Servo range	0-360°	0-360°	0-360°
Max. torque	9NM	35NM	55NM
Encoder	Magnetic encoder	Magnetic encoder	Magnetic encoder
Control mode	PWM: 0.5-0.25ms	PWM: 0.5-0.25ms	PWM: 0.5-0.25ms
Net weight	550g	560g	570g

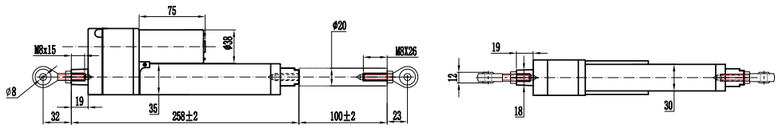
LINEAR SERVO

With self-locking structure, 400N(24V) reliable,stable,Max Force. Same PWM signals and control as normal servos. Wider application than rotary servo motors, e.g. robotic arms, robots, etc.

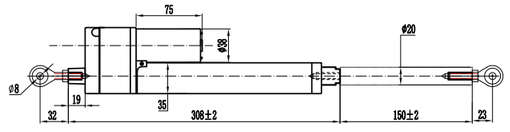


Unit: mm

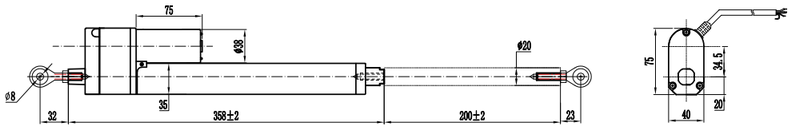
L100



L150

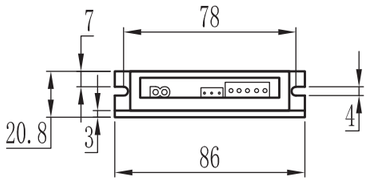


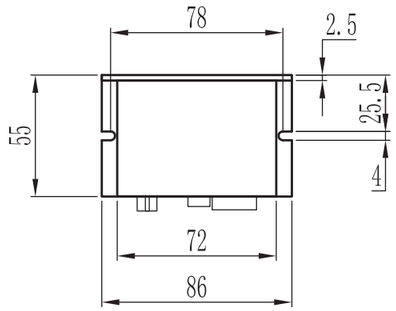
L200



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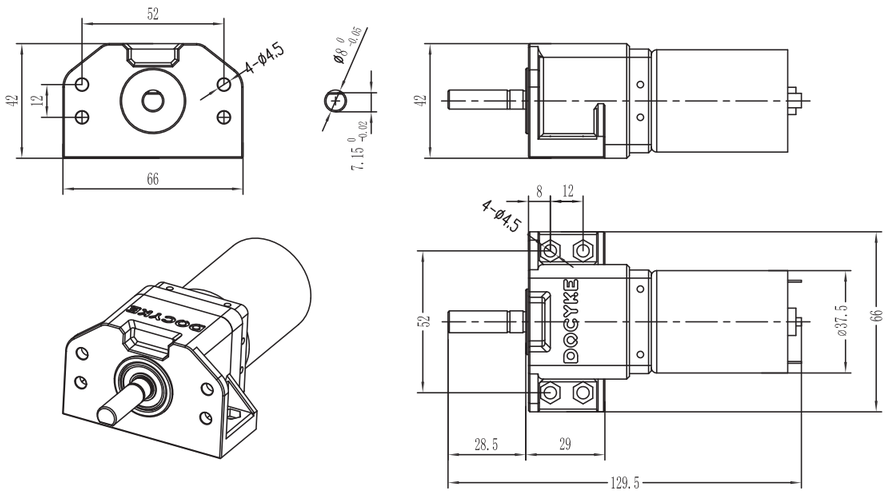
Model	L100	L150	L200
Rated Voltage	18V	18V	18V
Range	100mm	150mm	200mm
Voltage Range	12-28V	12-28V	12-28V
Max. Current	25A	25A	25A
Stroke Speed(24V)	40mm/s	40mm/s	40mm/s
Max Force(24V)	400N	400N	400N
Min Step	0.25mm	0.375mm	0.5mm
Encoder	Magnetic encoder	Magnetic encoder	Magnetic encoder
Control Mode	PWM: 0.5-0.25ms	PWM: 0.5-0.25ms	PWM: 0.5-0.25ms

DC Planet Gear Motor

There are multiple mounting holes on the product, you can use either the face mount or foot mount, depending on your project needs.
Using high-strength metal planetary gears to provide greater torque transmission in the smallest possible size



单位: mm



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Motor speed Controller

Wide voltage 10-30V high current 2 0 A design for a wide range of applications.

Circuit for optimized design, duty cycle adjustment range is wide, adjust the motor smooth without bath sound No vibration, with power indication, the circuit design is stable and suitable for long time work

Model	DC90	DC350	DC550
Rated voltage	18V	18V	18V
Voltage range	6-22V	6-22V	6-22V
Max. current	25A	25A	25A
Max. torque	9KG.CM	350KG.CM	550KG.CM
Reducer ratio	i=36	i=151.4	i=216
Net weight	428G	428G	428G











用户体验
Customer experience













ACTIVITY GLIMPSE

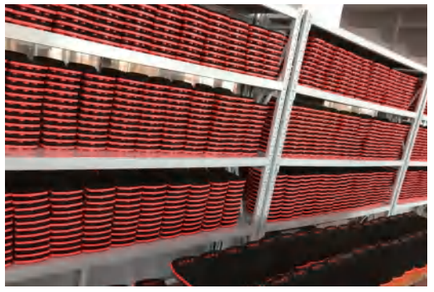












Cultivate
Children Technical Skills To Solve
The Life Problem.
INDUSTRIAL DESIGN

DOCYKE





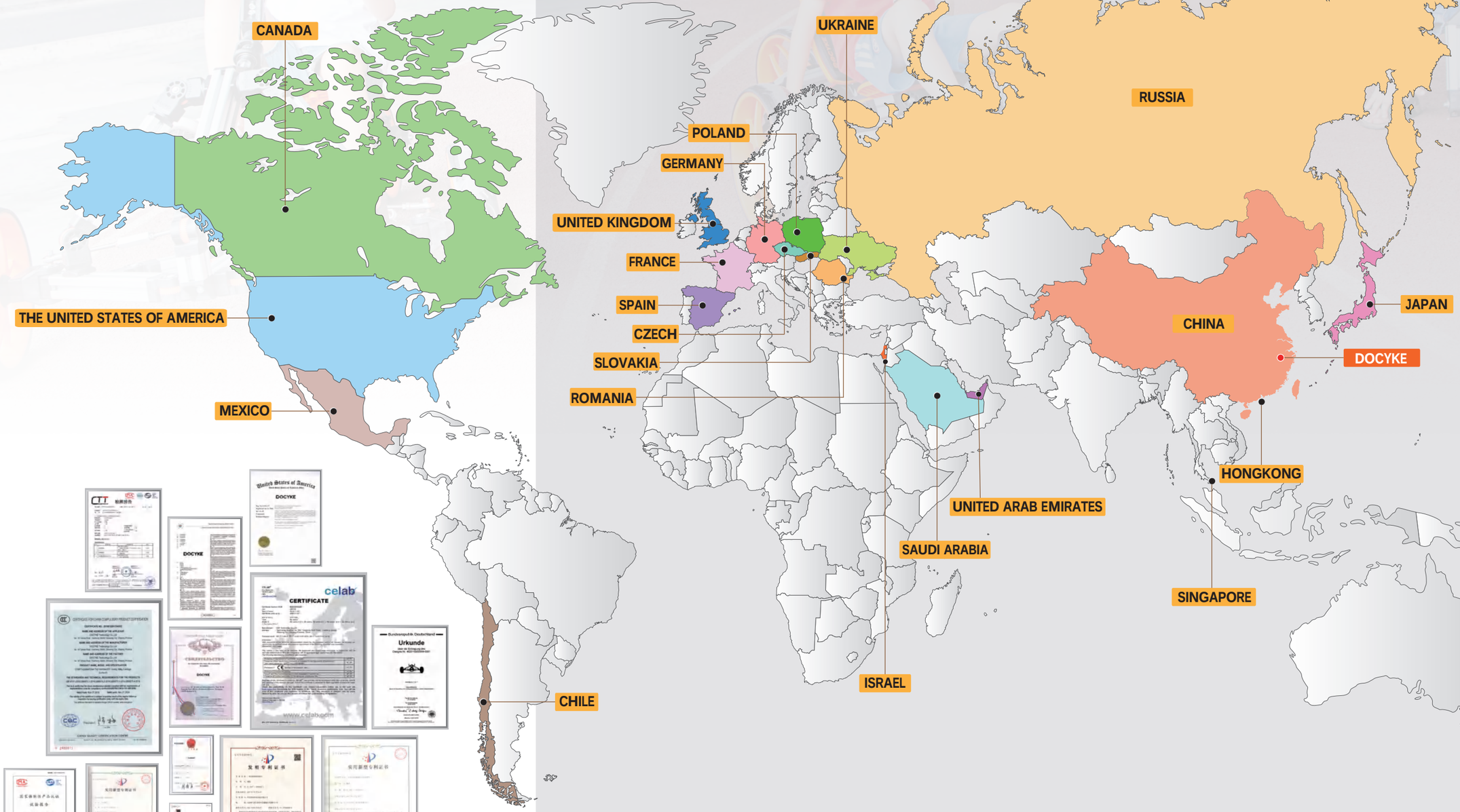
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DOCYKE GLOBAL

Waiting for you to join



CERTIFICATION