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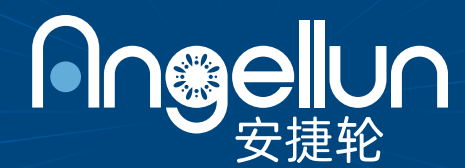
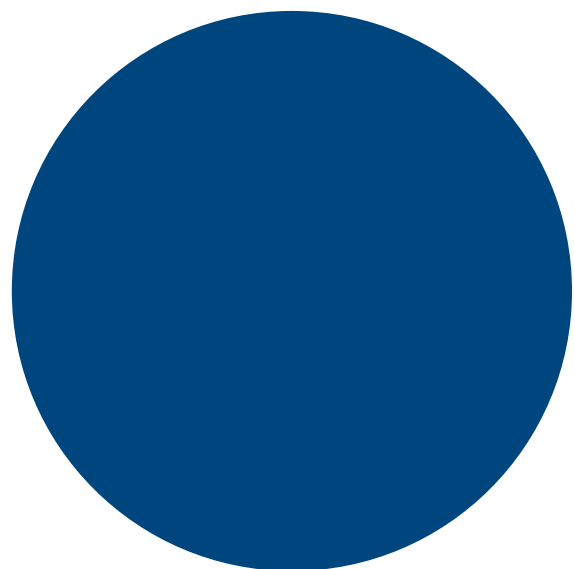
**MOVE AS YOUR WISH
INFINITE POSSIBILITIES**

随心移动 无限可能



安捷轮（福州）动力科技有限公司
Angellun (Fuzhou) Propulsion Technology Co.,Ltd









——生而**高贵**——
驱动时代的**英伦**杰作 ——
**WORLD CLASS INTELLIGENT
MOBILITY SOLUTION**

让更好的移动定义未来
1814年，英国
第一台蒸汽机车的出现，使人类加快了“工业革命”的进程
移动，从此具备了改写人类命运的能力

始创于英国的安捷轮Angellun同样坚信：更好的移动能够诞生出驱动时代的力量
自创立之初，安捷轮不断为用户提供主动式智能驱动解决方案，将富有远见的设计与精湛工艺浓缩在一个轮子之中
让智能移动开始赋能于医疗、康养、美容、服务、机器人等领域。从此，移动开始变得随心所欲。而关于它的探索，安捷轮仍在继续.....

未来的每一次移动，都应有安捷轮参与



Angellun was founded on the Thames River,
which has a simple and solemn heritage and innovative pioneering spirit.
Since inception, our pursuit is: to provide users with active intelligent drive solutions.
We polish each caster into a work of art. We combine forward-looking mobile vision with exquisite craftsmanship,
outstanding design and ergonomic technology.
Smart mobility makes life better.
We reshape new standards for mobility and make powerful reforms in the fields of medical,
health, beauty, service, robotics, etc.
Our eternal motivation is: the world walking because of my intelligence





- —≡≡ 打造移动 **科技** 新标杆 ≡≡ — -

**INNOVATIVE SPIRIT OF
FUTURE PROPULSION**

我们正以高性能科技赋能安捷轮

基于数十年脚轮的开发经验，安捷轮采用耐磨抗腐蚀高分子材料，在减轻脚轮重量的同时提高强度，保证在恶劣的使用环境下经久耐用，通过智能化设计让轮子在抗电磁干扰性上表现非凡

通过深思熟虑的考量，我们为安捷轮引入了更高的标准
在确保轮子卓越运行的同时，提升脚轮的制动稳定性与高精度定向的准确性
配备完善的万向移动和全刹制动功能，完美响应了不同客户的需求。使其真正意义上成为智能化驱动产品的标杆

我们仍在不停寻找移动的100种可能性
期望通过工程师的灵感与匠心 去创造出下一个“时代之轮”



combined with intelligent integrated electronic circuits and lithium power supplies,
to shape casters with high strength, low weight, and resistance to electromagnetic interference.
Each caster that has been researched, developed,
designed and manufactured in Angellun Technology Workshop is devoted to the outstanding professional knowledge and extraordinary creativity of engineers.
On the basis of maintaining the characteristics of high load,
impact resistance, quietness, flexibility and smoothness, it has the intelligent drive product quality of safety and firmness,
braking and braking stability, high-precision orientation, universal and full brake braking.
We will make every move more perfect through continuous R&D and manufacturing and innovative spirit,
and create a more noble, free, convenient and humanized mobile experience for users.





——≡ “静”界 不同凡响 ≡——
NEW REALM OF SILENT WALKING

20db的静音行走 究竟需要付出什么？

工程师们需要研发出不同高强度、弹力值的轮面材质，并将主架与轮体内部小游隙精密轴和阻尼轴承科学配合令晃动度层层调校至接近零，形成紧密配合、行走稳定的轮体结构，保障每一个轮子持久低于20db的静音行走

静水流深，安静的背后往往蕴藏着巨大智慧。
安捷轮还拥有严密的质量管理体系和苛刻的检验和测试程序，专注于每一个轮子性能的持续表现



Silent walking is our standard check on movement.
According to the actual application scenarios, engineers use different wheel materials with high strength and elasticity values
They perfectly matched the small internal clearance precision shaft and the damping bearing to adjust the shaking to the lowest.A tightly-fitted
and stable wheel structure is formed to ensure that each wheel can run silently below 20db for a long time.
Angellun makes the environment comfortable and environmentally friendly.





“力”学革新

推动更大的可能

EFFORTLESS MOVEMENT

在沿袭传统脚轮静音、消磁、防静电的环境需求维度基础上，安捷轮仍致力于为移动开创出更多的可能性

我们为轮子搭载了安全电源，使人力的需求得以弱化，通过减小推拉的力度和动作实现理想移动力值在轮子上的精准还原与智能化控制

智能化的移动方案将在未来适用于物流、酒店、零售等行业
它可以迅速适应各种地形的挑战，面对大重量的移动也无需费力
在满足客户个性化移动的同时，安捷轮致力于提高每一次移动的效率 and 安全性，旨在满足最高标准



We retain the advantages of traditional casters in mute, demagnetization, anti-static, and increase the dimensions of humanized requirements.

Our products are safer, power-assisted, lean, smart, and convenient.
Equipped with a safe power supply, it reduces the need for manpower,

reduces pushing and pulling forces and actions, and smaller braking and releasing force values,
so as to achieve the accurate restoration of the ideal mobility value on the wheels.





“安全”先行
守护每一次移动
BOTH AESTHETICS AND PRACTICALITY

安捷轮一直保持移动安全的领先地位
这一点始终不会改变

安捷轮产品配有可靠的刹车系统，可通过操作元件（如踏板）进行控制，以实现最大的安全性与易用性
并根据近20年的行业经验制订了超国标的严苛产品测试企业标准，能够有效的提高职业安全、预防事故、降低职业风险

为用户的使用体验和生命安全实现最佳保障



Angellun has always maintained a leading position in mobile security, which will never change.

Angellun products with reliable brake system, which can be controlled by operating elements
(such as pedals) to achieve maximum safety and ease of use.

Based on nearly 20 years experience in medical caster, it has formulated strict product tests standard of exceed the national standard.
It is effectively improve occupational safety, prevent accidents, reduce occupational risks,
and achieve the best guarantee for user experience and life safety.



Angellun



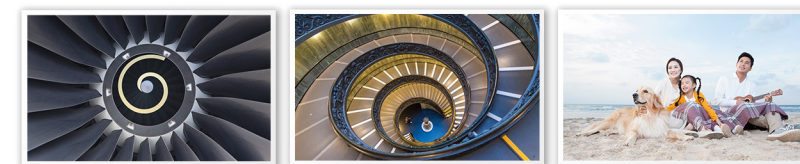
美“轮”美奂 享受视觉盛宴

BOTH AESTHETICS AND PRACTICALITY

将科技融入设计，智造出“行走的艺术品”

安捷轮采用极简、功能性的设计语言，将66-108个精心调校的部件完美融入使其拥有坚韧品质的同时兼具恒久的美感，真正做到了“外形追随功能”的设计原则

让每一次移动，都带给使用者愉悦的使用体验



After experiencing ground break-in and impact,
Angellun can still maintain its permanent aesthetic style.

This is not only due to the tough quality constructed by 66 to 108 precision components,
but also due to the design principle of "shape follows function".



OW 全向轮系列

— — — — — 移动新定义 康养新生活 — — — — —

MOBILE NEW DEFINITION HEALTH AND NEW LIFE



12对大小轮交替结构，横向和纵向都能灵活转动，带来无顿挫感的转向移动体验
更小移动错位段差和转弯半径，实现狭小空间内自由移动和转身
轮片采用耐磨高分子材料，胎面带有横向槽式设计，具有强大的抓地力和爬坡性能
内置减震系统采用高弹性材料，畅享一路平稳无噪

12 pairs of large and small wheels alternating structure,
transverse and longitudinal flexible rotation, bringing frustration-free steering movement experience
Smaller moving misalignment and turning radius,
realizing free movement and steering in narrow space

The wheels are made of wear-resistant polymer material,
and the tread is designed with transverse grooves for strong grip and good climbing performance
Built-in shock absorption system with high elastic material,
enjoy a smooth and noiseless journey



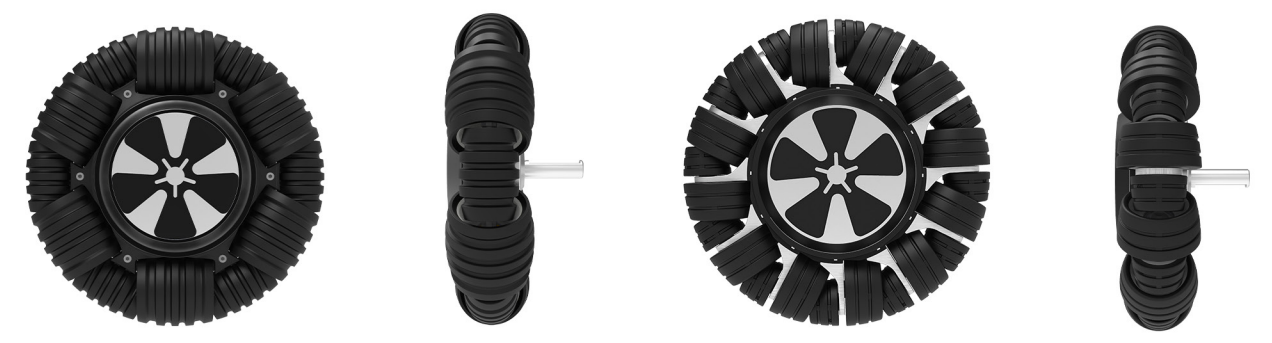
6TH GENERATION OMNI-DIRECTIONAL WHEEL
INTERNATIONAL PATENT INNOVATIVE DESIGN

第六代全向轮·国际专利创新设计



EOW 电动全向轮系列

— — — — — 移动新定义 康养新生活 — — — — —
MOBILE NEW DEFINITION HEALTH AND NEW LIFE



具有不小于75kg的额定静载。轮子采用高质量的TPU轮面，具有良好的抓地性能，不易打滑。
内部配备精密轴承，有效的降低了噪音，并提高了整体顺畅度。

外观采用大小轮交替分布，具有极好的减震、平滑过度、耐磨和易于更换修理，具有特别高的可靠性，特别适合长期使用。
全向轮结构紧凑，布局合理，并可360°自由旋转，灵活性极好，可在限制区域和狭小通道内完美的行驶，能轻而易举的适应各种各样的复杂路况。

The static load capacity of the wheel is more than 75kg, tyre material adopts high-quality TPU,
to make sure the wheel with wear resistance and not easy to slip.
Internal precision bearings, which effectively reduces noise, improves overall stability.

Large and small wheels distributed alternately, with excellent shock absorption, smooth transition,
wear resistance and easy replacement, suitable for long-term use.
360° freely rotation function can drive perfectly in restricted areas and narrow passages, and perform well to various complicated road conditions.



DZ 伺服电动轮/双驱伺服驱动器

— — — — — 电动助力 安全可靠 — — — — —

POWER STEERING SERIES

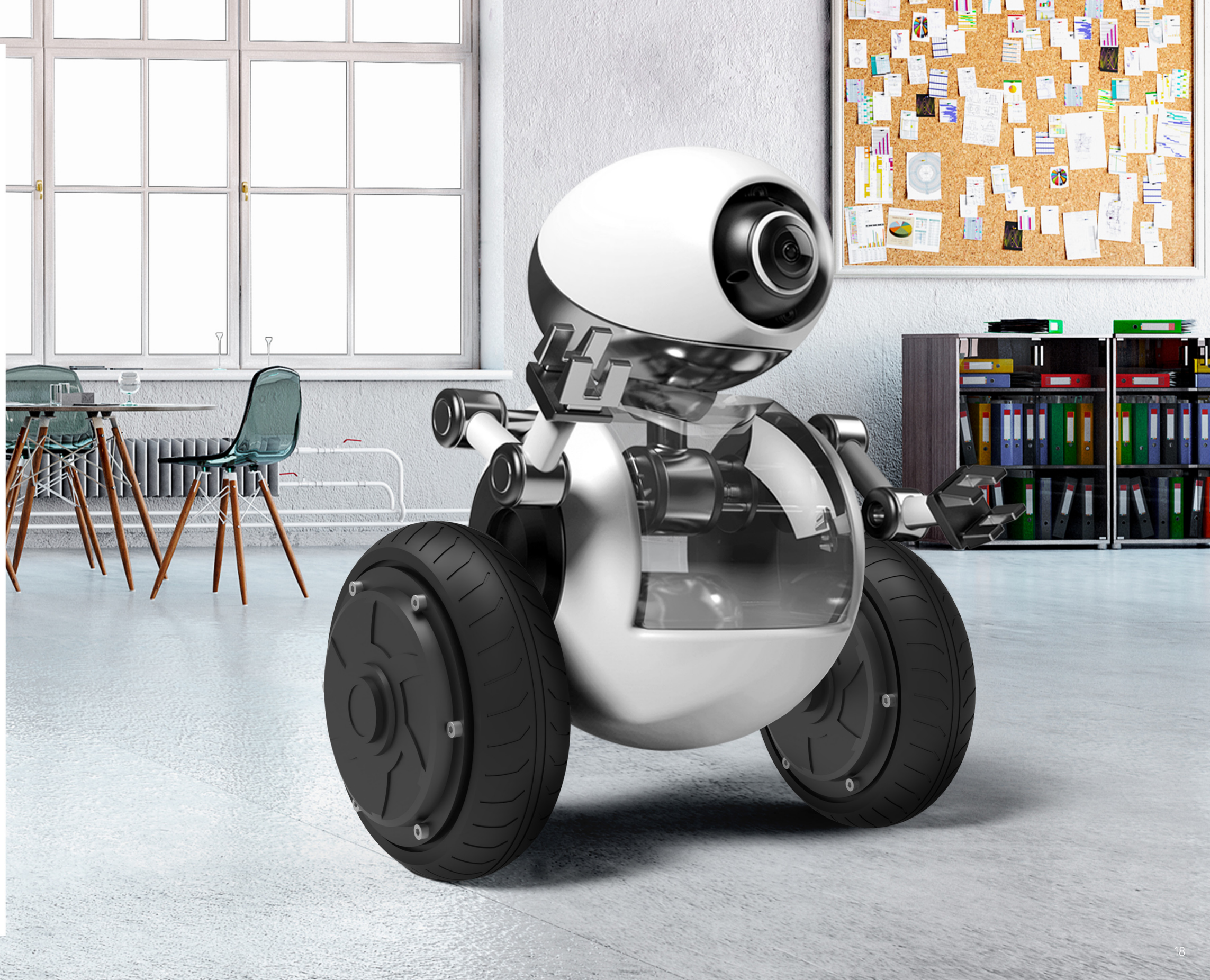


单边出轴、可正反转、速度可调节。采用无刷直流电机，运行声音小、运行无火花、运行寿命长；采用金属外壳，具有更强的承载能力和稳定性；轮面采用TPU材质，耐磨、降噪防震、安全可靠；配有1400线高精度编码器，控制精确、安全可靠。

本伺服驱动器是专门针对双驱无刷伺服电机的系统驱动系统，两轴合一设计，可同时驱动两个低压伺服电机，并且支持多种控制方式，内部使用差速控制，通过给驱动器发送指令，本驱动器可自主规划两轮的进给量，便可实现对小车行进轨迹的准确控制。

The wheel with one-sided axis, it can move forward and reverse, speed can be adjusted. Brushless DC motor with less noise, no spark and long running life; Metal shell make sure stronger bearing capacity and stability; wheel tyre made of TPU, which is wear-resistant, noise-reducing and anti-vibration; 1400 lines of high-precision encoder performs precise control and safety.

This servo driver is specially designed for the system drive system of dual-drive brushless servo motor, two axes in one design, can drive two low-voltage servo motors at the same time, and support a variety of control methods, the internal use of differential control, by sending instructions to the driver and set up two wheels' moving distance independently, to realize the accurate control of the car track.



TN 中控双轮系列

— 三三 — 解放医护双手 守护病患安养 — 三三 —

LIGHT AND EASY TO PUSH CHANGE AS NEEDED



超低安装高度，低重心敦实底盘，形成强大的抓地力
 精确调校小圈轮胎设计，带来舒适推拉感受和高效移动
 中控固定，内置无间隙滚珠轴承，展现超强承载力
 全包围防缠绕设计，避免地面毛发杂碎卷入
 螺旋动感纹理设计，带来经典大方动质美

Low installation height, low center of gravity, forming a strong grip.
 Accurately tuned the small circle tire design,
 bringing comfortable pushing and pulling feeling and efficient movement

Central control fitting, built-in gapless ball bearing, showing super bearing capacity.
 Fully enveloping and anti-entanglement design to avoid the ground hair from getting involved

Spiral dynamic texture design brings classic,
 generous and dynamic beauty.



RN 双踏复位全自由&全制动双轮系列

— — — 轻盈易推 应需而变 — — —

LIGHT AND EASY TO PUSH CHANGE AS NEEDED



轮盖处采用灵活的窄型设计，使设备轻松穿梭于狭窄过道。
双轮双踏复位结构，方便使用者推拉和灵活刹车。
万向轴采用静音耐高温油脂滚珠轴承，更平稳更实用。

The wheel cover adopts a flexible narrow design,
so that the equipment can easily shuttle in narrow aisles.

Double-wheel and double-pedal reset structure,
convenient for users to push and pull and brake flexibly

The universal joint shaft adopts silent and high temperature resistant grease ball bearings,
which is more stable and practical



RD 双踏复位全自由&全制动双轮系列

— — — 保护贵重设备 — — —

LIGHT AND EASY TO PUSH CHANGE AS NEEDED



现代人体工学双踏板设计，搭配金属双簧片多重刹车系统，保证安全制动和刹车
强承载能力主架和轮芯，最高承载300斤负重
防尘盖有效保护内部转转轴承免受粉尘、杂质等入侵，经受万向锁轴时高强度的锁紧力

After experiencing ground break-in and impact,
Angellun can still maintain its permanent aesthetic style.

The model adopts three pedals design, which performs the strong brake system,
the caster's load capacity can reach 300kg.



Q 单轮三挡中央控制轮系列

— — — 三挡中控 操控便捷 — — —
SINGLE-WHEEL CENTRAL CONTROL CASTER SERIES



定向锁定、全锁定、自由万向旋转三挡功能
中央控制一键刹车，360°灵活万向
具有高负载能力和灵活的移动性能

Directional lock , total lock , total free,three functions
360 degree flexible swivel
With high load capacity and flexible mobile performance



CS 双轮中央控制轮系列

静音防缠绕 防腐易清洁

DOUBLE WHEEL CENTRAL CONTROL WHEEL SERIES



配置精密轴承，有效的降低了噪音，并提高了脚轮整体的顺畅度
脚轮自带剥线器，极好的避免毛发缠绕问题

Silent and easy to clean

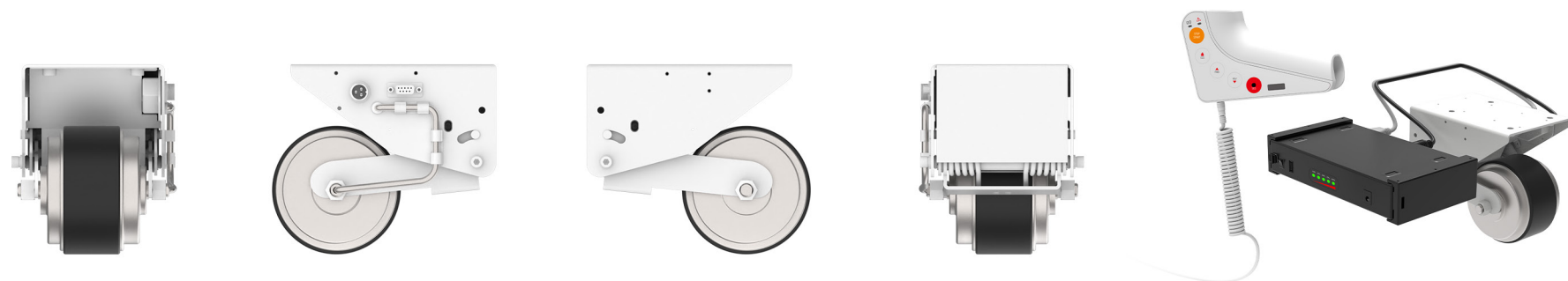
Equipped with precision bearings to effectively reduce noise and
improve the overall smoothness of the casters

The Caster with anti-winding system which can effectively solve the problem of hair entanglement



DDL 电动助力轮系列

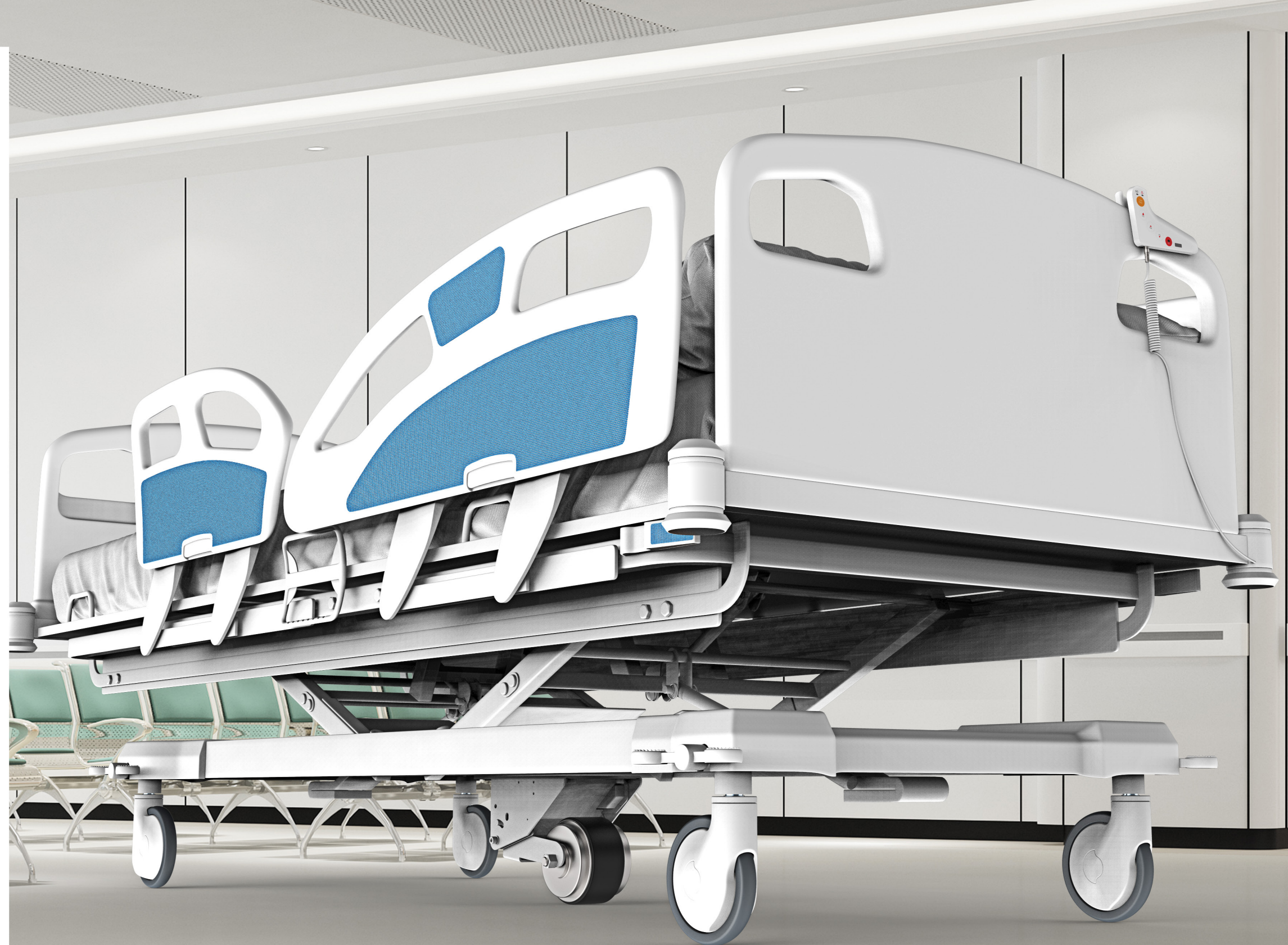
-- 电动助力 无级变速 --
POWER STEERING SERIES



轮面采用橡胶材质，降噪防震、安全可靠
搭配无刷直流电机，运行无火花使用寿命更长久
无级变速，定速巡航，电动轮自动升降

Electric power assistance, infinitely variable speed system
Tyre is made of rubber, which can reduce noise and shock

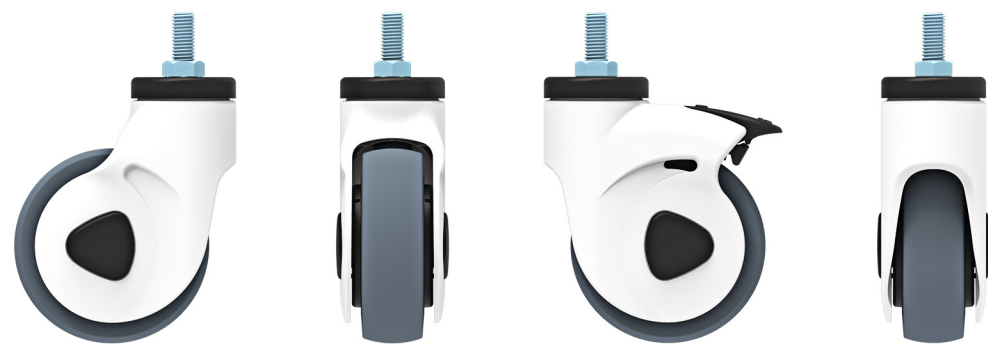
With brushless DC motor, running without spark, longer service life
Infinitely variable speed, constant speed cruise, automatic lifting



NT 单轮全自由脚轮系列

— — — — — 减震静音 移动随心 — — — — —

SINGLE WHEEL SERIES



单轮脚轮自由移动，行使过程稳定通畅
超低安装高度，使用者安装更便利
配备精密轴承，有效的降低噪音

Silent and easy to push , Moves as you want
Move freely, stable and smooth

Super low installation height
Precision bearings, effective noise reduction



Y 三轮越障脚轮系列

——— 轻松越障 无惧阻拦 ———
LIGHT AND EASY TO PUSH CHANGE AS NEEDED




采用金属材质，承载能力大、抗冲击能力强
优良的越障功能，能够轻松跨越15mm的台阶


Metal material, large bearing capacity, strong impact resistance
Excellent barrier jumping function, easily across 15mm steps







OW SERIES 系列

 **轮子直径** Wheel Diameter
125mm / 150mm
200mm / 250mm / 300mm

 **轮面宽度** Wheel surface width
38.5mm / 53mm
57.5mm / 72.5mm

 **安装孔径** Installation Size
2xΦ6.5mm / 4xΦ4.5mm
4xΦ6.2mm / 4xΦ8.1mm

 **单轮负载** Load capacity
50~120kg

 **使用温度** Temperature
-30°C+80°C




EOW SERIES 系列


 **额定电压** Power
24V / 36V


 **额定电流** Current
14A / 12A


 **额定功率** Voltage
160W / 250W

 **额定转矩** Torque
8N.m


 **编码器** The encoder
1024线(可选)

 **轮子直径** Wheel Diameter
260mm / 210mm

 **轮面宽度** Wheel surface width
65mm / 49mm


 **安装孔径** Installation Size
Φ16mm / M12

 **动载重量** Dynamic Load capacity
75kg

 **使用温度** Temperature
-20°C+50°C




TN SERIES 系列

 **轮子直径** Wheel Diameter
125mm / 150mm

 **安装方式** Way to install
中控固定
Central locking


 **应用范围** Applied range
医疗床 / 病床
Medical / Hospital beds


 **单轮负载** Load capacity
125~150kg

 **过坎高度** Ridge height
6.25mm / 7.5mm




DZ SERIES 系列

 **轮子直径** Wheel Diameter
240mm / 200mm

 **轮面宽度** Wheel surface width
52mm / 45mm


 **应用范围** Applied range
机器人
Robot

 **动载重量** Dynamic Load capacity
75kg

 **使用温度** Temperature
-20°C+50°C



RD SERIES 系列

 **轮子直径** Wheel Diameter
75mm / 100mm
125mm / 150mm

 **安装方式** Way to install
螺杆 / 平板 / 插杆
Screw / plate / plug rod


 **应用范围** Applied range
设备 / 推车
Equipment / Cart

 **单轮负载** Load capacity
200kg

 **过坎高度** Ridge height
3.75mm / 5mm
6.25mm / 7.5mm




RN SERIES 系列

 **轮子直径** Wheel Diameter
75mm / 100mm
125mm / 150mm

 **安装方式** Way to install
螺杆 / 平板 / 插杆
Screw / plate / plug rod

 **应用范围** Applied range
设备 / 推车
Equipment / Cart

 **单轮负载** Load capacity
200kg

 **过坎高度** Ridge height
3.75mm / 5mm
6.25mm / 7.5mm



Q SERIES 系列

-  轮子直径 Wheel Diameter
200mm
-  轮面宽度 Wheel surface width
29mm
-  应用范围 Applied range
装运车 / 医疗车
Transfer vehicle / medical bed
-  动载重量 Dynamic Load capacity
200kg
-  安装方式 Way to install
中控固定
Central locking
-  过坎高度 Ridge height
5mm







CS SERIES 系列

-  轮子直径 Wheel Diameter
75mm
-  轮面宽度 Wheel surface width
25mm
-  应用范围 Applied range
航空餐车
Airlines dining car
-  动载重量 Dynamic Load capacity
100kg
-  静载重量 Staic Load weight
120kg
-  安装高度 Installation height
103mm
-  旋转半径 Rotation radius
63mm



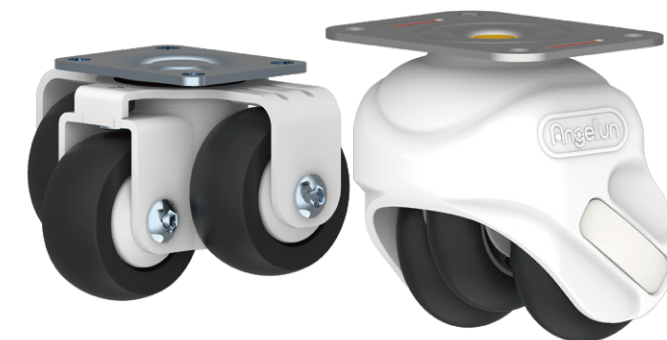
DDL SERIES 系列

-  轮子直径 Wheel Diameter
113mm
-  轮面宽度 Wheel surface width
50mm
-  额定功率 Voltage
200W
-  额定电压 Power
24V
-  动载重量 Dynamic Load capacity
200kg
-  续航能力 Battery life
240min



NT SERIES 系列

-  轮子直径 Wheel Diameter
100mm
-  轮面宽度 Wheel surface width
32mm
-  应用范围 Applied range
病床 / 医疗床
Medical / Hospital beds
-  动载重量 Dynamic Load capacity
80kg
-  静载重量 Staic Load weight
100kg
-  过坎高度 Ridge height
5mm



Y SERIES 系列

-  轮子直径 Wheel Diameter
38mm / 76mm
-  轮面宽度 Wheel surface width
17mm / 24mm
-  应用范围 Applied range
机器人
Robot
-  动载重量 Dynamic Load capacity
50kg / 100kg
-  静载重量 Staic Load weight
65kg / 125kg
-  过坎高度 Ridge height
1.9mm / 3.8mm