

# Sorter Specification

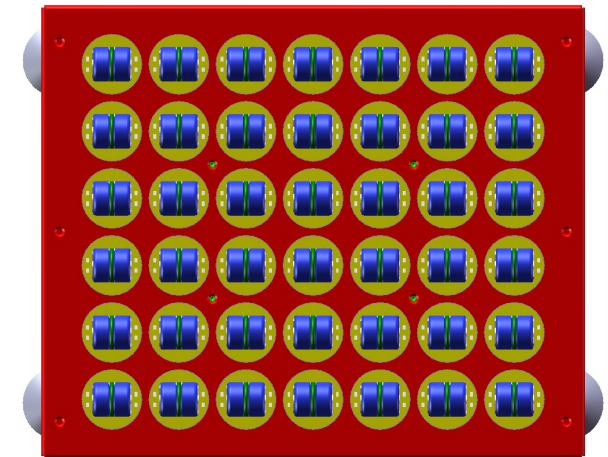
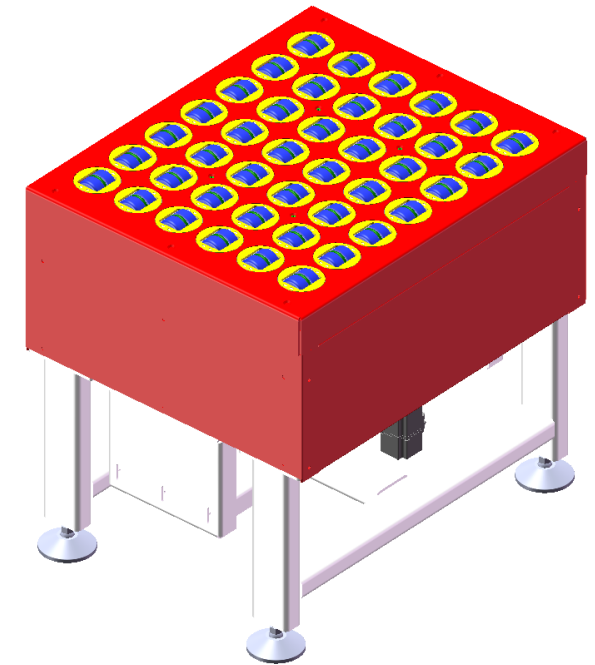
Shanghai Soyer Machinery & Technology Co., Ltd



DATE : 2020.06.16

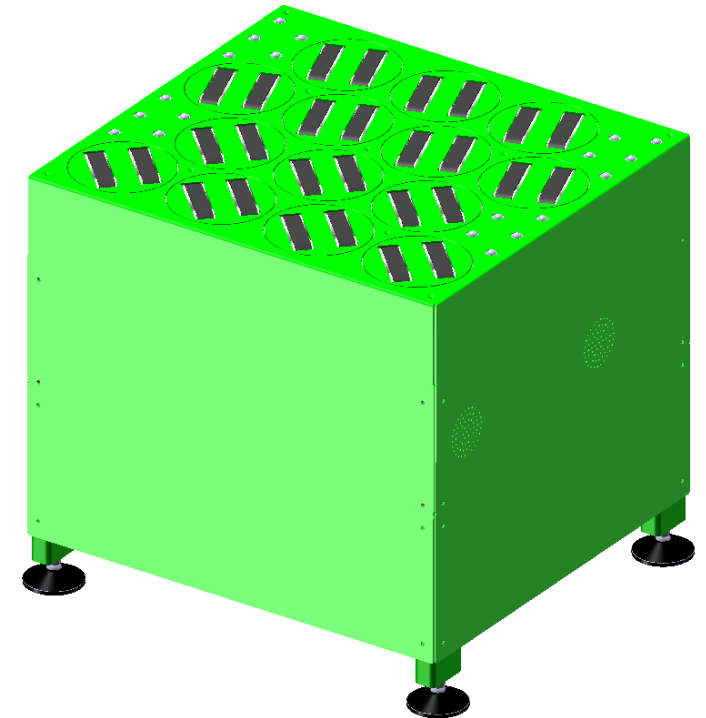
## ❑ Traditional O-type sorter with skew wheel

Technical Parameter	Description
Steering Motor	750w high voltage servo motor + decelerator, support tripling overload, maximum speed of 3000r/min.
Drive Motor	AC asynchronous motor + frequency converter, operating speed adjustable. By default 100m/min.
Regular Dimension	Standard size as 700*700 mm, 800*800mm, 600*600mm, etc., and can be customized according to actual requirements. Altitude customizable, generally 800mm+ /-50mm adjustable.
Running Speed	The surface transport speed is 120m/min, speed adjustable via frequency converter, steering speed $\geq 0.5s$ .
Transmission Mechanism	Unibody, O belt drive, wear-resisting for life long.
Craftsmanship	Platmetal stoving varnish , color can be customized
Electric Control Design	Modular design, the diagonal wheel is equipped with a separate electric control cabinet, and also can customized with the modular access method, using fast connected and used air plug.
Application Scenario	Applications can be applied to most applications, including soft packages, execution, delivery bags, letters, etc
Sorting Efficiency	According to the size of the goods, the general sorting efficiency is within 3000 pcs/h, can reach 6000 pcs/ h via a multi-servo group steering.
Steering Direction	Options available + / -30 degrees, + / -45 degrees, + / -60 degrees, + / -90 degrees.
System Docking	Support the switch quantity and TCP to dock the external system.



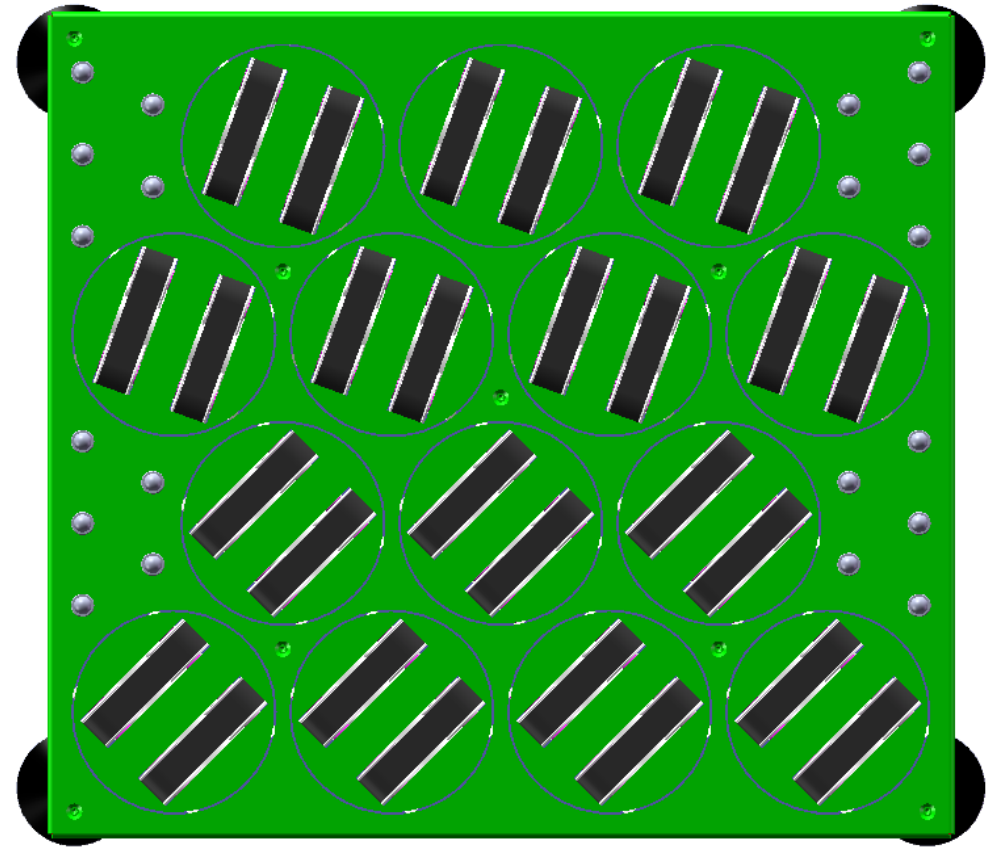
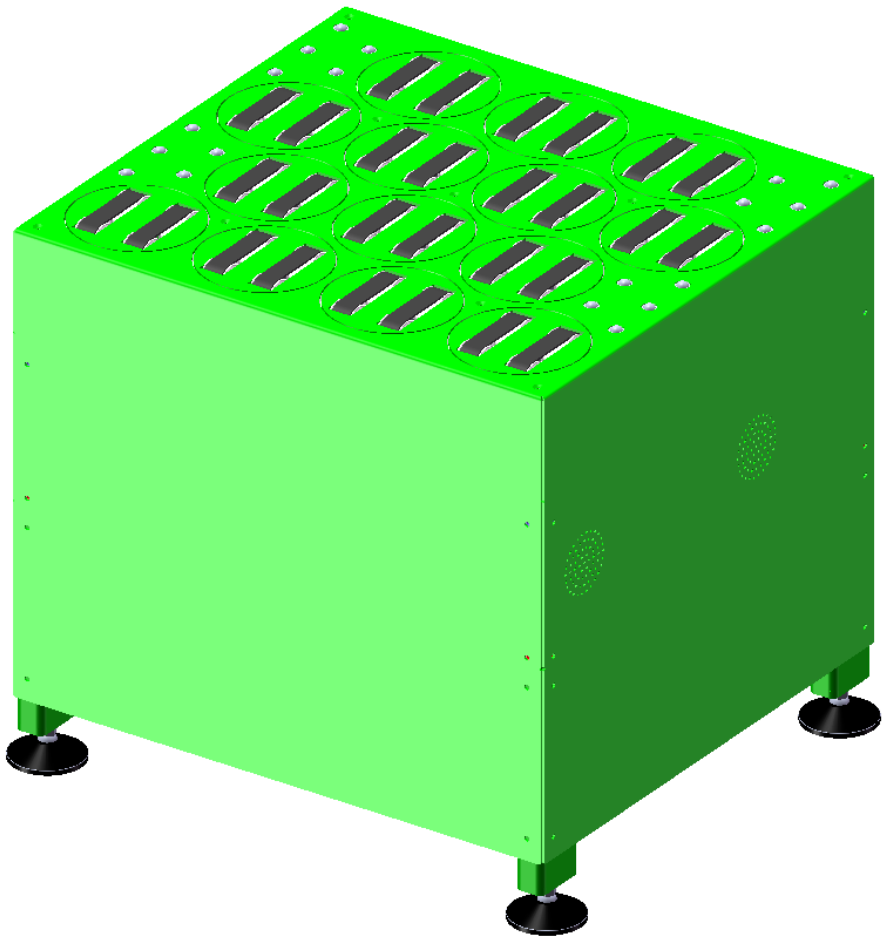
## ❑ Electric drive belt type universal sorter

Technical Parameter	Description
Steering Motor	400w high voltage servo motor + decelerator, support tripling overload, maximum speed of 3000r/min.
Driving Motor	Electric drive transmission mode, operating speed adjustable. By default 100m/min.
Regular Dimension	Standard size as 700*700 mm, 800*800mm, 600*600mm, etc., and can be customized according to actual requirements. Altitude customizable, generally 800mm+ /-50mm adjustable.
Running Speed	The surface transport speed is 130m/min, speed adjustable via controller, steering speed $\geq 0.5s$ .
Transmission Mechanism	Electric drive no O belt structure, modular design, simple to change.
Craftsmanship	Platmetal stoving varnish , color can be customized
Electric Control Design	Modular design, the diagonal wheel is equipped with a separate electric control cabinet, and also can customize the modular access method, using fast connected and used air plug.
Application Scenario	Applications can be applied to most applications, including soft packages, execution, delivery bags, letters, etc
Sorting Efficiency	According to the size of the goods, the general sorting efficiency is within 3000 pcs/h, can reach 6000-8000 pcs/ h via a multi-servo group steering.
Steering Direction	Options available + / -30 degrees, + / -45 degrees, + / -60 degrees, + / -90 degrees.
System Docking	Support the switch quantity and TCP to dock the external system.



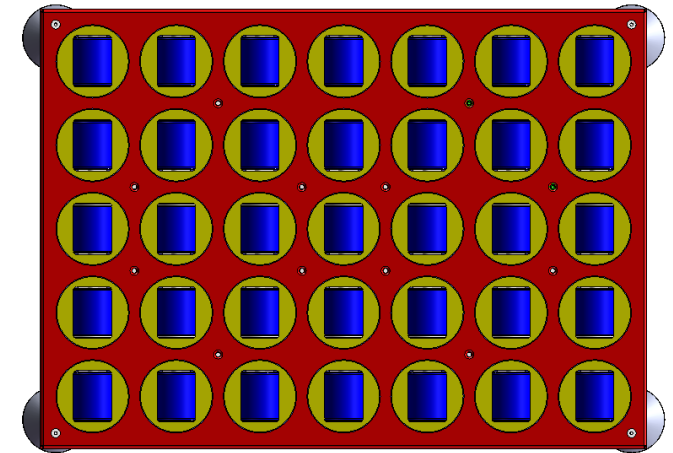
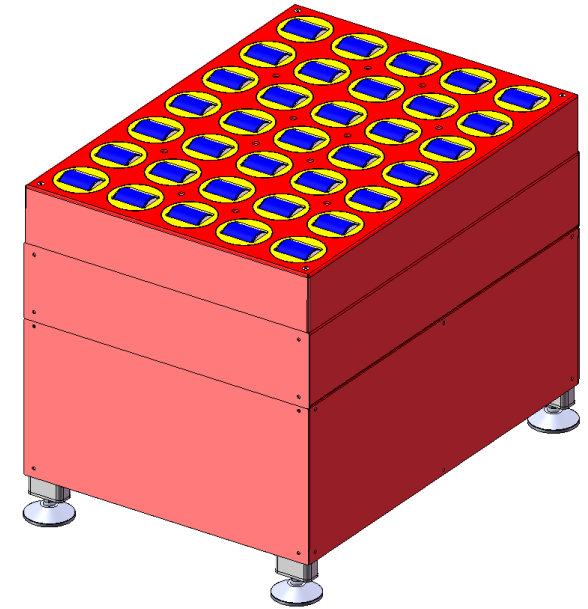
❑ Electric drive belt type universal sorter

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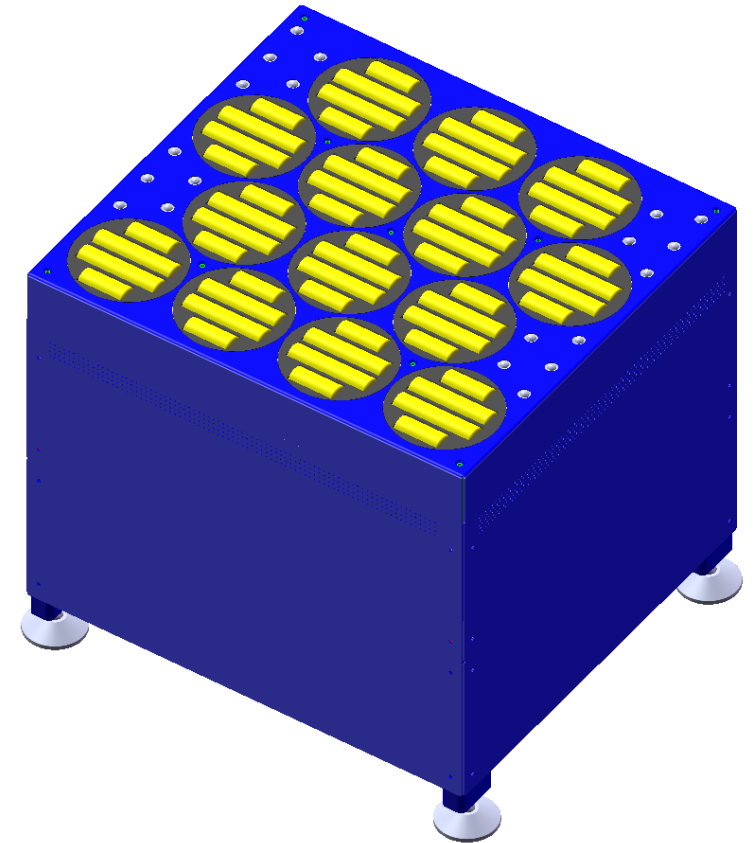
## ❑ Electric drive wheel universal sorter

Technical Parameter	Description
Steering Motor	750w high voltage servo motor + decelerator, support tripling overload, maximum speed of 3000r/min.
Driving Motor	Electric drive transmission mode, operating speed adjustable. By default 100m/min.
Regular Dimension	Standard size as 700*700 mm, 800*800mm, 600*600mm, etc., and can be customized according to actual requirements. Altitude customizable, generally 800mm+ /-50mm adjustable.
Running Speed	The surface transport speed is 130m/min, speed adjustable via controller, steering speed $\geq 0.5s$ .
Transmission Mechanism	Electric drive no O belt structure, modular design, simple to change.
Craftsmanship	Platemetel stoving varnish , color can be customized
Electric Control Design	Modular design, the diagonal wheel is equipped with a separate electric control cabinet, and also can customize the modular access method, using fast connected and used air plug.
Application Scenario	Applications can be applied to most applications, including soft packages, execution, delivery bags, letters, etc
Sorting Efficiency	According to the size of the goods, the general sorting efficiency is within 3000 pcs/h, can reach 6000-8000 pcs/ h via a multi-servo group steering.
Steering Direction	Options available + / -30 degrees, + / -45 degrees, + / -60 degrees, + / -90 degrees.
System Docking	Support the switch quantity and TCP to dock the external system.



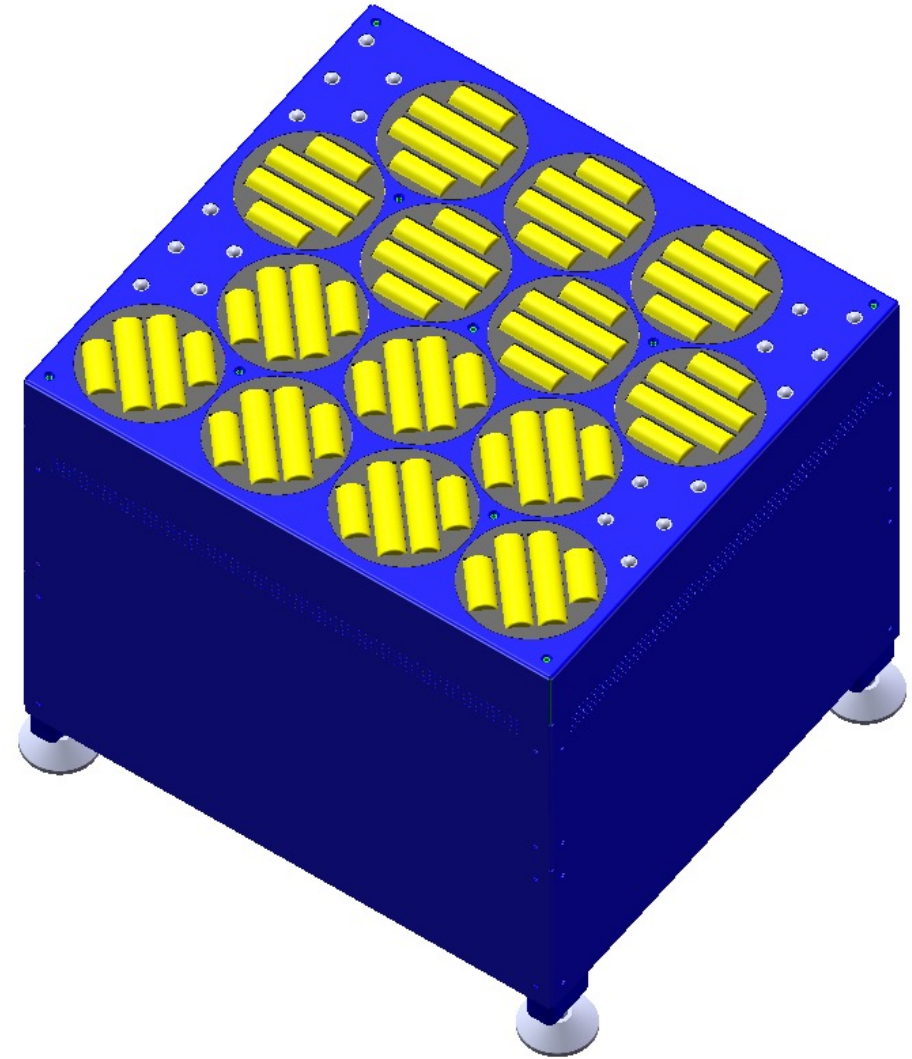
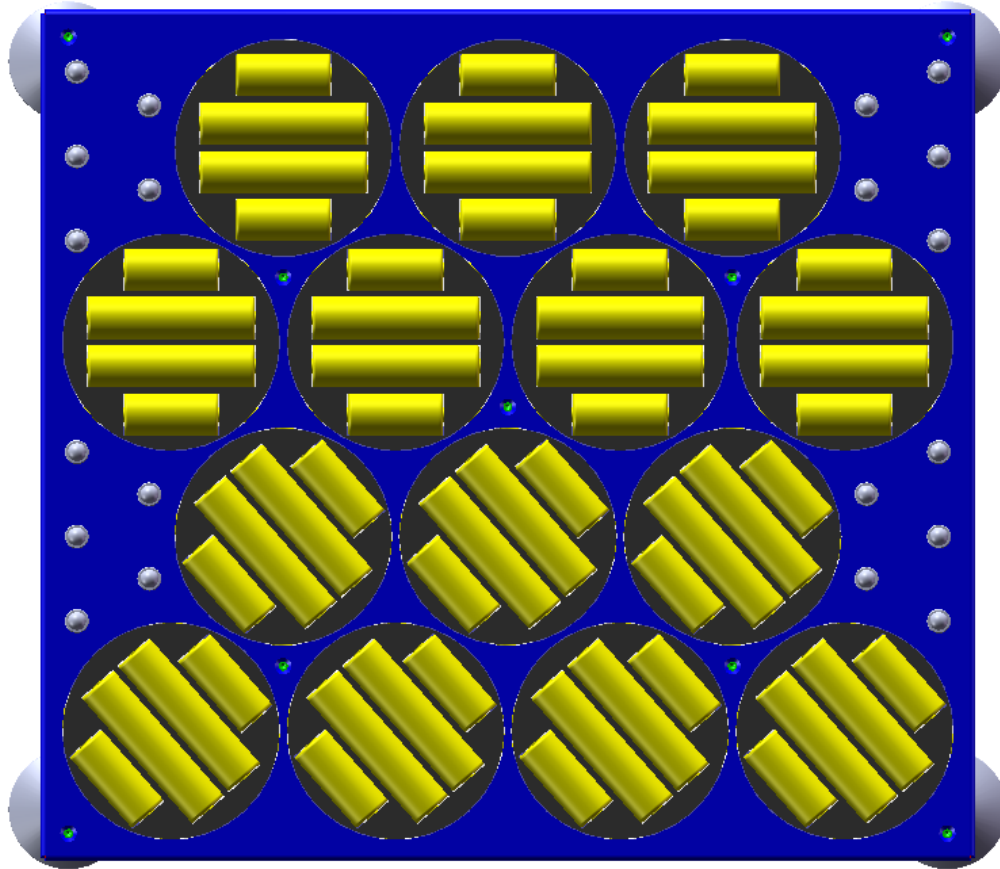
## ❑ Electric drive cylindrical universal sorter 1

Technical Parameter	Description
Steering Motor	400w high voltage servo motor + decelerator, support tripling overload, maximum speed of 3000r/min.
Driving Motor	Electric drive transmission mode, operating speed adjustable. By default 100m/min.
Regular Dimension	Standard size as 700*700 mm, 800*800mm, 600*600mm, etc., and can be customized according to actual requirements. Altitude customizable, generally 800mm+ /-50mm adjustable.
Running Speed	The surface transport speed is 130m/min, speed adjustable via controller, steering speed $\geq 0.5s$ .
Transmission Mechanism	Electric drive no O belt structure, modular design, simple to change.
Craftsmanship	Platmetal stoving varnish , color can be customized
Electric Control Design	Modular design, the diagonal wheel is equipped with a separate electric control cabinet, and also can customize the modular access method, using fast connected and used air plug.
Application Scenario	Applications can be applied to most applications, including soft packages, execution, delivery bags, letters, etc
Sorting Efficiency	According to the size of the goods, the general sorting efficiency is within 3000 pcs/h, can reach 6000-8000 pcs/ h via a multi-servo group steering.
Steering Direction	Options available + / -30 degrees, + / -45 degrees, + / -60 degrees, + / -90 degrees.
System Docking	Support the switch quantity and TCP to dock the external system.



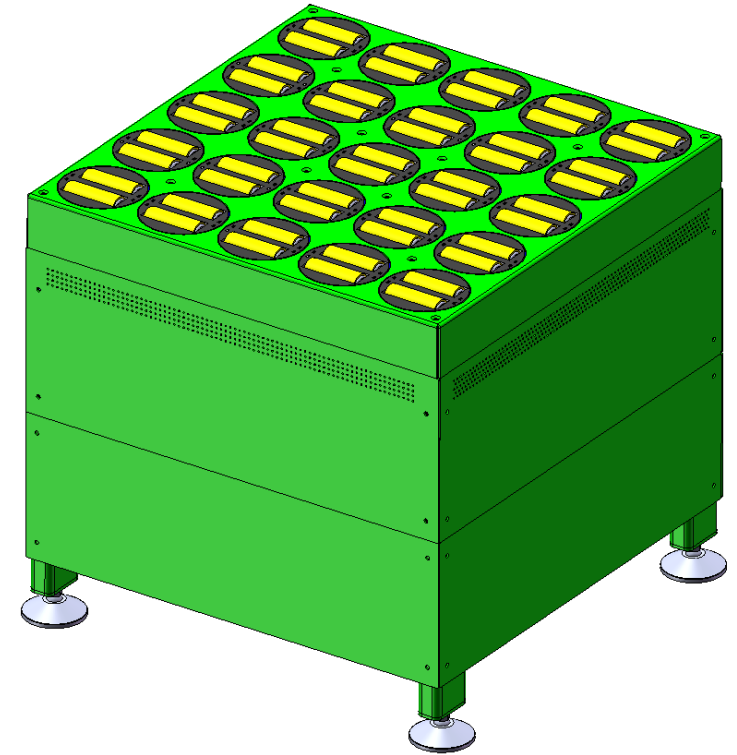
## ❑ Electric drive cylindrical universal sorter 1

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## ❑ Electric drive cylindrical universal sorter 2

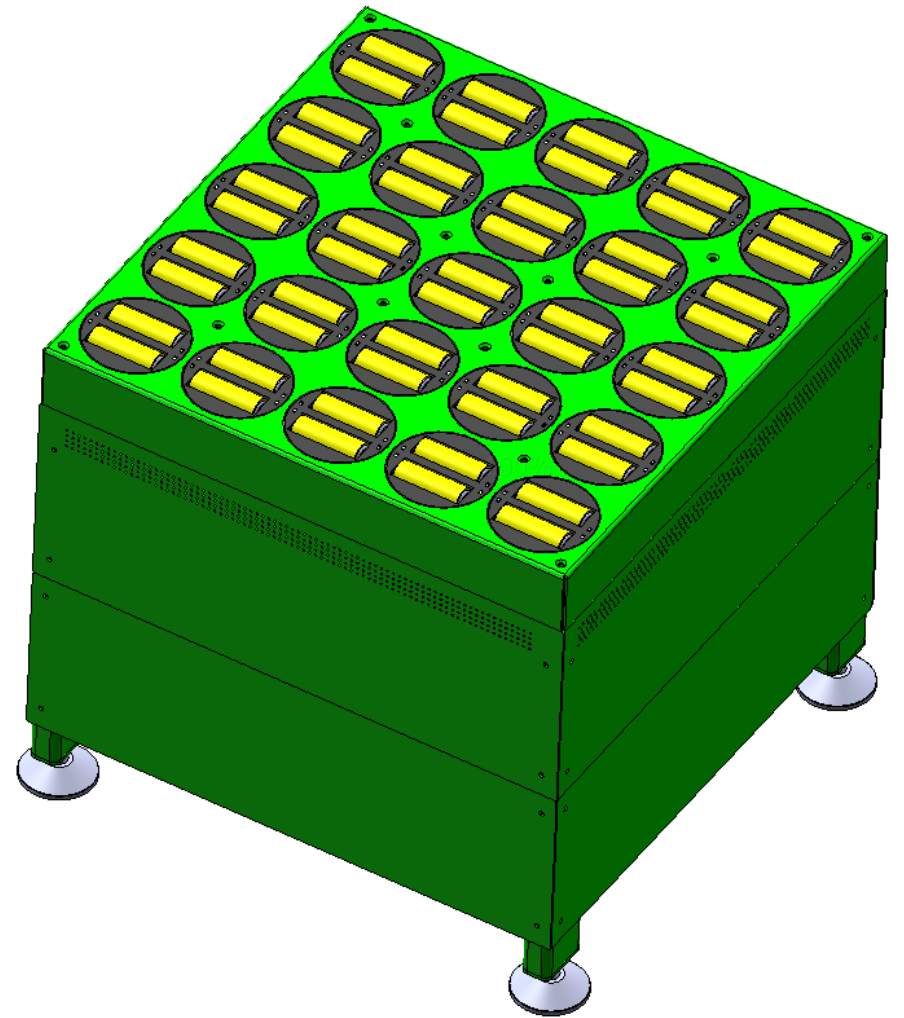
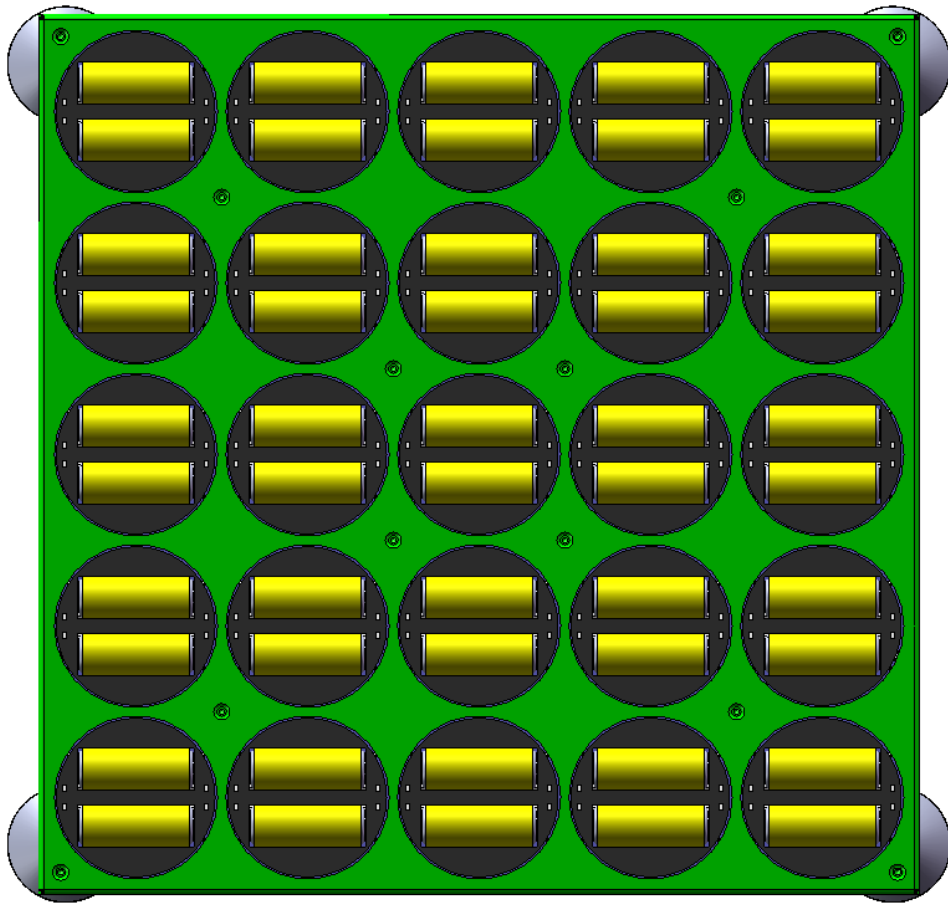
Technical Parameter	Description
Steering Motor	400w high voltage servo motor + decelerator, support tripling overload, maximum speed of 3000r/min.
Driving Motor	Electric drive transmission mode, operating speed adjustable. By default 100m/min.
Regular Dimension	Standard size as 700*700 mm, 800*800mm, 600*600mm, etc., and can be customized according to actual requirements. Altitude customizable, generally 800mm+ /-50mm adjustable.
Running Speed	The surface transport speed is 130m/min, speed adjustable via controller, steering speed $\geq 0.5s$ .
Transmission Mechanism	Electric drive no O belt structure, modular design, simple to change.
Craftsmanship	Platmetal stoving varnish , color can be customized
Electric Control Design	Modular design, the diagonal wheel is equipped with a separate electric control cabinet, and also can customize the modular access method, using fast connected and used air plug.
Application Scenario	Applications can be applied to most applications, including soft packages, execution, delivery bags, letters, etc
Sorting Efficiency	According to the size of the goods, the general sorting efficiency is within 3000 pcs/h, can reach 6000-8000 pcs/ h via a multi-servo group steering.
Steering Direction	Options available + / -30 degrees, + / -45 degrees, + / -60 degrees, + / -90 degrees.
System Docking	Support the switch quantity and TCP to dock the external system.





## ❑ Electric drive cylindrical universal sorter 2

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## ❑ Mecanum wheel sorting machine

Technical Parameter	Description
Steering Motor	400w high voltage servo motor + decelerator, support tripling overload, maximum speed of 3000r/min.
Driving Motor	Electric drive transmission mode, operating speed adjustable. By default 70m/min.
Regular Dimension	Standard size as 700*700 mm, 800*800mm, 600*600mm, etc., and can be customized according to actual requirements. Altitude customizable, generally 800mm+ /-50mm adjustable.
Running Speed	The surface transport speed is 90m/min, speed adjustable via controller, steering speed $\geq 0.5s$ .
Transmission Mechanism	Mecanum wheel, full wheel structure, modular design, simple to change.
Craftsmanship	Platmetal stoving varnish , color can be customized
Electric Control Design	Modular design, the diagonal wheel is equipped with a separate electric control cabinet, and also can customize the modular access method, using fast connected and used air plug.
Application Scenario	Applications can be applied to most applications, including cartons, execution, planks, boxes, cases, etc
Sorting Efficiency	According to the size of the goods, the general sorting efficiency is within 1800 pcs/h, can reach 2500-3000 pcs/ h via a multi-servo group steering.
Steering Direction	Options available + / -90 degrees.
System Docking	Support the switch quantity and TCP to dock the external system.

