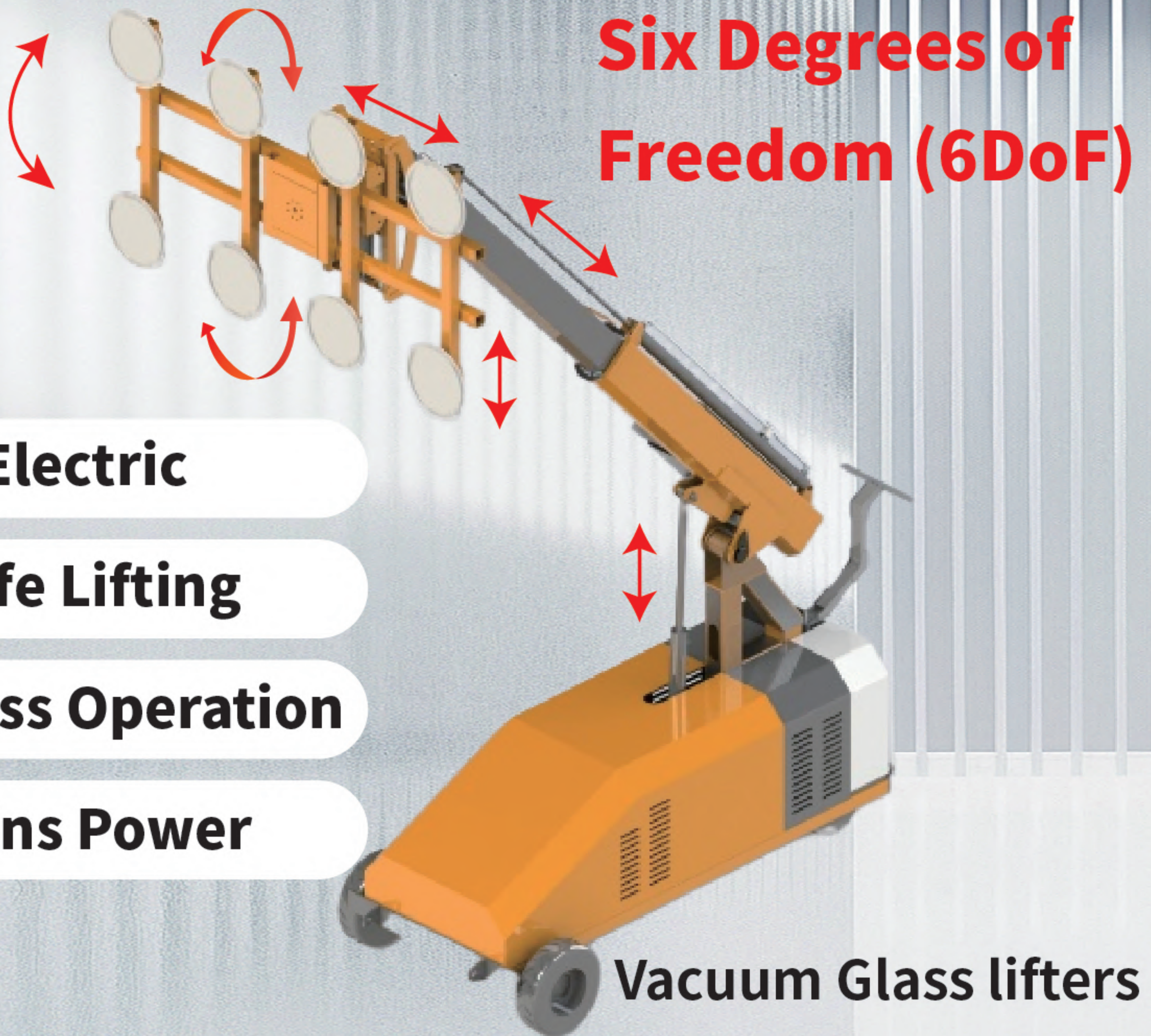




Shandong Victory Equipment Co., LTD



Six Degrees of Freedom (6DoF)

Electric

Safe Lifting

Wireless Operation

Mains Power

Vacuum Glass lifters

 Jeff Chang info@lionsharetech.com 86-15634302676

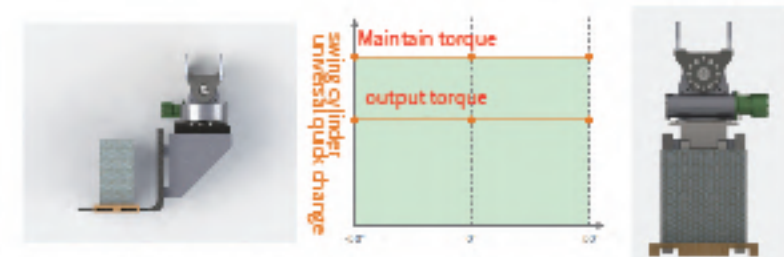
 Bruce Liu liupeng@lionsharetech.com 86-18663110550

 Web : <http://actuatoremanufacturer.com/>

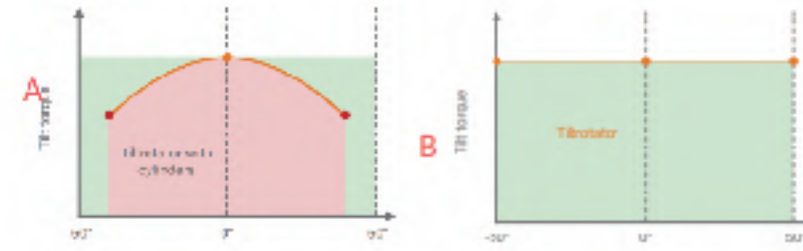
 No. 385, Shuangdao Road, Weihai, Shandong, China.

Double vacuum anti fall | Compact for the elevator | 3-hour battery life | Outdoor operation

Tiltrotators



Pilot check valve ensures a high holding torque.



Comparison of output torque between cylinder and Tiltrotator.

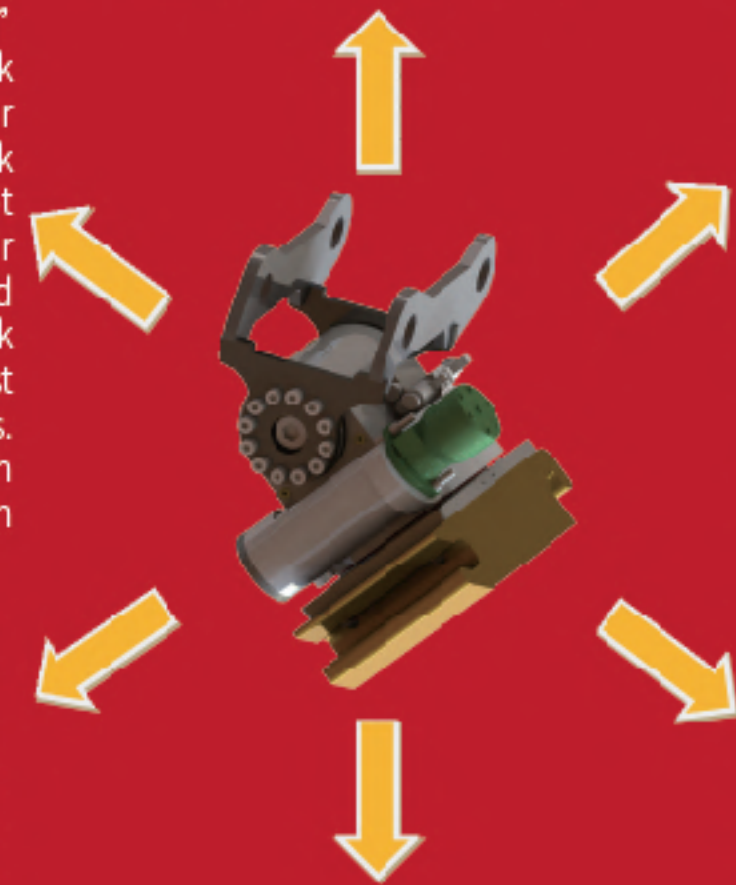
Product Advantages

The Tilt rotator can be mounted directly to the excavator arm (directmount) or it can be "Sandwich" mounted to the excavator by a quick coupler. Preferably, the excavator coupler is the same as the lower quick coupler on the Tilt rotator, but it is not necessarily required. The Tilt rotator can thus be uncoupled and coupled again in no time. The lower quick coupler allows for a safe and fast exchange between attachments. Switching fully hydraulically between hydraulic attachments is no problem with the SmartFlow coupler system.

The compact design with its fully integrated tilt and rotation unit provides highest safety against damage. There are no protruding cylinders or piston rods that can be damaged, increasing the reliability of the Tilt rotator. In addition, the low design maintains higher breakout forces of the machine.

Working more efficiently saves consumables and labor costs and reduces the required working times. The tasks can thus be finished faster and the wear is kept to a minimum.

Flexible operation, quick response to needs, more competitive.



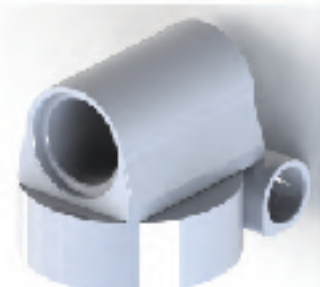
The cylinderless, extremely low and narrow built drive unit allows for very narrow bucket width, that are usually not wider than the excavator boom. Therefore, digging down in deep trenches becomes possible and very easy.

The increased working radius reduces the need for repositioning your excavator to a minimum. Manual works such as manual digging in the danger zone by a co-worker are not necessary, as these works can be managed from the excavator cabin with the Tilt rotator. The double-Lock quick coupler with front-lock prevents the attachments from falling down unintendedly.

Main components

WORM DRIVE

The oversized worm gear absorbs shock loads with ease. The compact diameter and yet high torque ensures a very slim design, hence keeps the overall width of the Tilt rotator extremely small.



HOUSING

The robust cast housing features a high stability due to a special material alloy, guaranteeing a long life even under the toughest conditions. The integrated motor cover protects the hydraulic motor of the worm drive from damage from below.



HIGH-FLOW SWIVEL

The optional high-flow swivel provides industry leading flows for attachments that require more flow to operate properly.

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Shandong Victory Equipment Co., LTD



No. 385 Shuangdao East Road, Weihai, Shandong, China.



Shandong Victory Equipment Co., LTD



Hydraulic Helical Rotary Actuators

Hydraulic Rack & Pinion Rotary Actuator

Tilt rotate quick coupler

Multi-purpose bucket



Specifications						
Excavator tonnage	3-6 ton	4-7 ton	6-11 ton	10-14 ton	14-19 ton	19-25 ton
Quick coupler weight	180kg	200kg	320kg	485kg	580kg	860kg
width	205mm	205mm	215mm	240mm	230mm	260mm
length	460mm	460mm	580mm	610mm	645mm	845mm
height	365mm	420mm	475mm	565mm	580mm	650mm
Recommended maximum width for digging bucket	1100mm	1100mm	1300mm	1600mm	1700mm	2000mm
Maximum digging power	35KN	50KN	75KN	110KN	150KN	170KN
Rotate angle	100°	100°	100°	100°	100°	100°
output torque	4500NM	4700NM	7500NM	11000NM	12000NM	15000NM
Maintain torque	8500NM	11000NM	16000NM	31000NM	40500NM	51700NM
rotation speed	9rpm	8.5rpm	8.5rpm	8.5rpm	8.5rpm	8.5rpm
rated pressure	21MPa	21MPa	21MPa	21MPa	21MPa	21MPa

Multi-purpose bucket

The Multi-purpose bucket is a versatile and durable tool.

Equipped with a Helical Hydraulic Rotary Actuator, it offers excellent flexibility and high construction efficiency, making it an indispensable piece of equipment in urban construction projects.

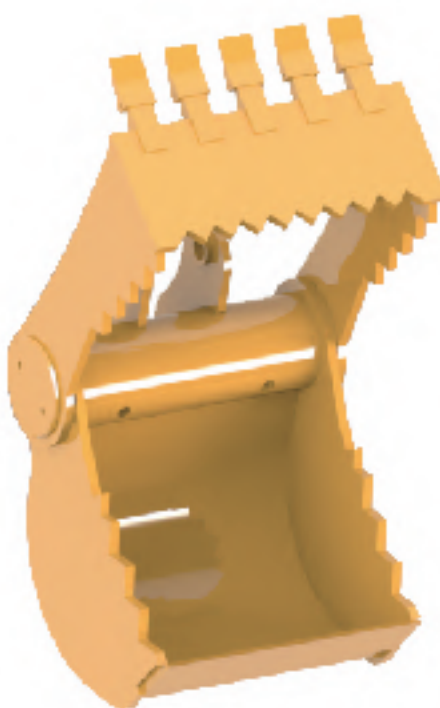
Suitable for municipal engineering, green landscaping and sewage, trenching, road maintenance, construction within factory areas, landscaping, rural beautification, indoor renovation, and other operational requirements.



Multi-purpose bucket is a proven and most cost-effective choice

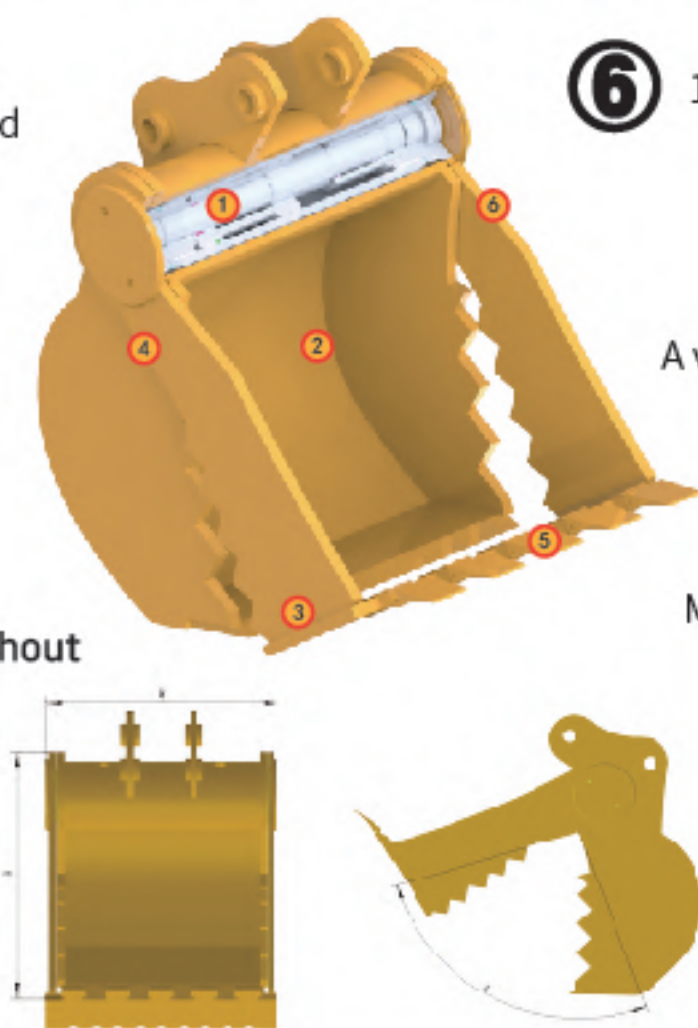
The product is as versatile as a thumb. And it's a ready-to-use, pin-on attachment that's easier to install and operate. There's no welding, fabrication or in-field measurement needed to install or remove the attachment, saving you valuable time and money.

- 1 Easier to install, remove and operate for increased efficiency and productivity
- 2 Lighter weight for added lifting capacity
- 3 Durable, enclosed rotary actuator hinge for increased reliability and longer life
- 4 Compatible with quick couplers makes machine or tool changes faster and easier
- 5 More responsive and faster operation while grabbing, gripping and dumping, allows for more work to get done in less time



Multi-purpose bucket is a proven innovative technology

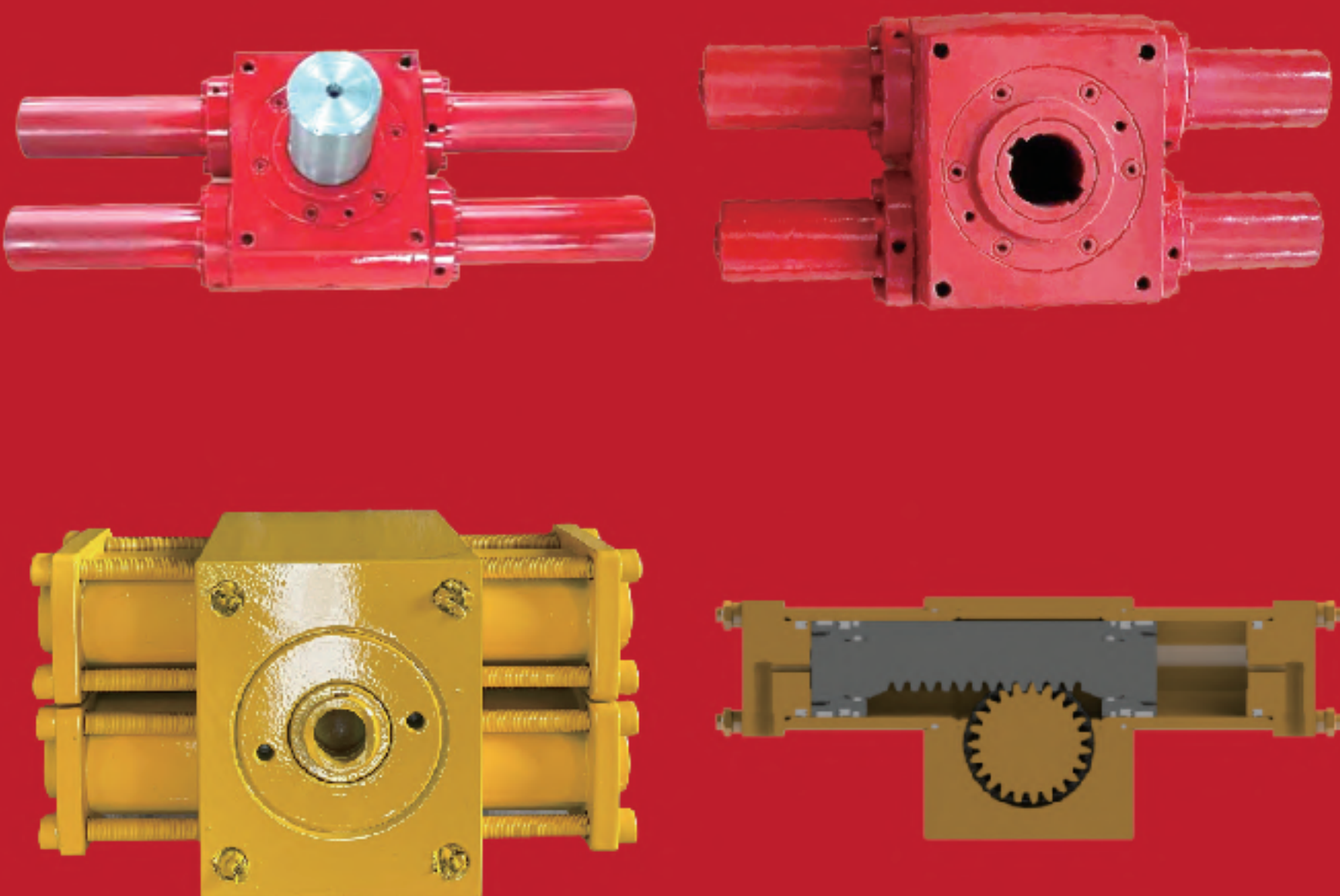
- 1 All moving parts are safely enclosed
- 2 No obstructions in bucket shell or clam
- 3 High-strength, abrasion resistant steel used throughout
- 4 Multiple bucket widths available
- 5 A variety of tooth options available
- 6 120 degrees of jaw movement



Specifications

Model	Width (mm)	Height (mm)	Torque (NM)	Angle (°)	Weight (kg)	Weight (kg)	Capacity (m³)
LSK-073-135-D15	610	680	7300	135°	7200	300	0.15
LSK-073-135-D28	765	700	7300	135°	7200	380	0.28
LSK-073-120-D37	915	750	20500	120°	9500	520	0.37
LSK-073-120-D80	1220	800	20500	120°	13600	900	0.8

Hydraulic Rack & Pinion Rotary Actuators



RACK & PINION
made from through hardened, high strength alloy steels for long and durable service life in most applications

HOUSING
High strength housing serves as a firm base to drive large torque requirements.

BALL BEARINGS
are generously sized to support large (relative to actuator's weight) external axial and radial loads.

STANDARD MALE KEYED SHAFT
is made integral with the pinion gear and is suitable for most applications. Options: double male key, hollow bore keyed and splined shafts are available.

THREADED MOUNTING HOLES
Our standard mounting has four bolt holes drilled and tapped on the front and back of the housing. Options: pilot ring or base mount.

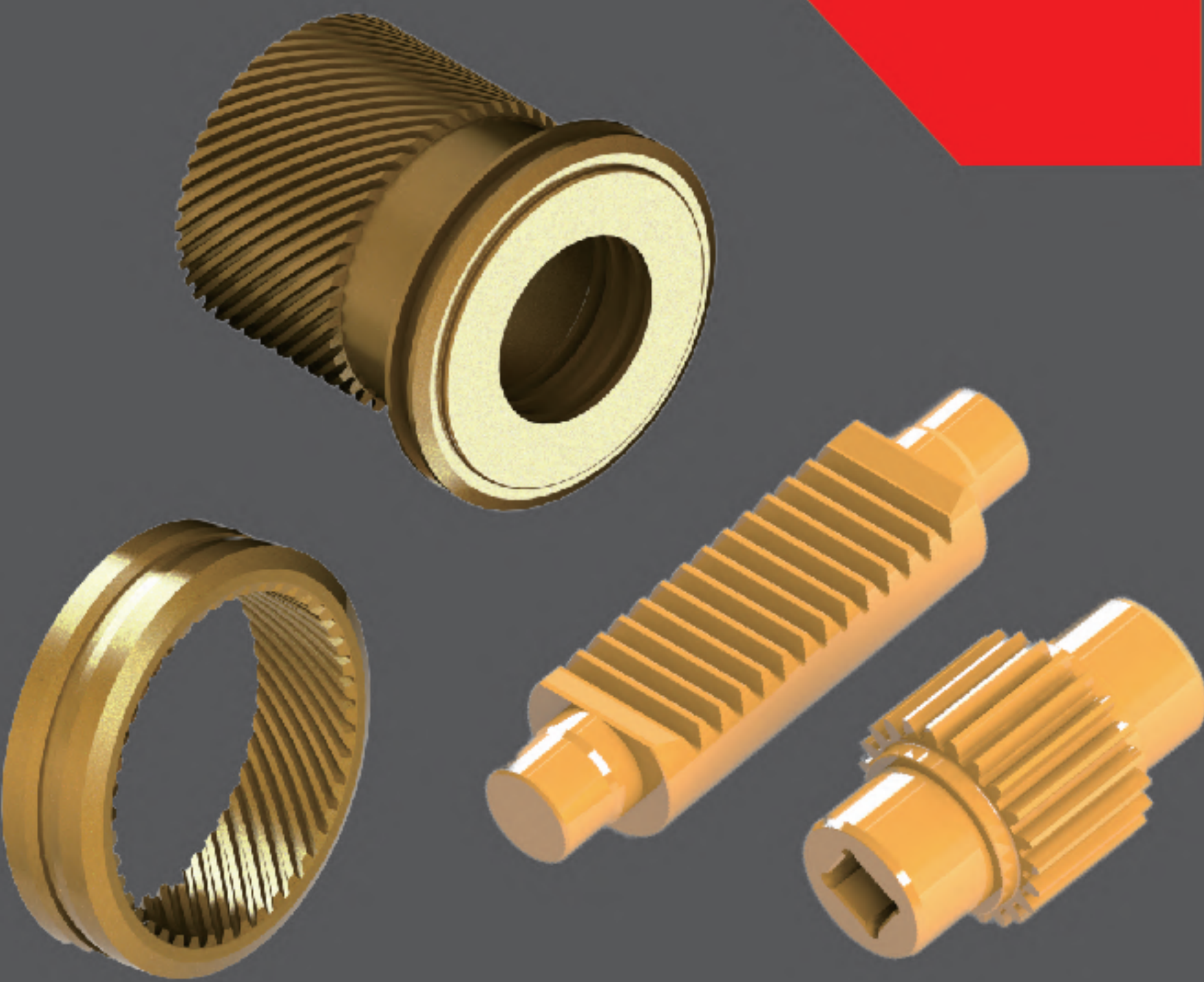
OPTIONAL CUSHIONS
If properly adjusted, cushions can serve as a braking device for most industrial applications. The proven Parker "floating cushion bushing" serves as a high performance check valve for "quick get away" and the needle valve can be adjusted to regulate the exhaust flow from the piston. Our design uses no springs or check valve seats that can break under normal usage.

PISTON SEALS
Heavy duty, deep section Polypak seals made from Molythane for dependable service in most applications. Options: Fluorocarbon seals for certain synthetic fluids; and carboxylated nitrile seals for water based fluids. Piston seals can be inspected and replaced without disconnecting the load from the shaft. (Employ proper safety practices to prevent damage to people or equipment.)

Hydraulic Rack and Pinion Rotary Actuator is our own proprietary design. We offer both single and double-rack versions, with various angles, mounting styles, and output options available. Built with precision and high-quality seals, it delivers excellent performance: low starting pressure, high efficiency, minimal play, and long life. Custom designs are welcome.

Worm gear & Rack and Pinion

We provide machining services for helical gears, worm gears, rack and pinion.

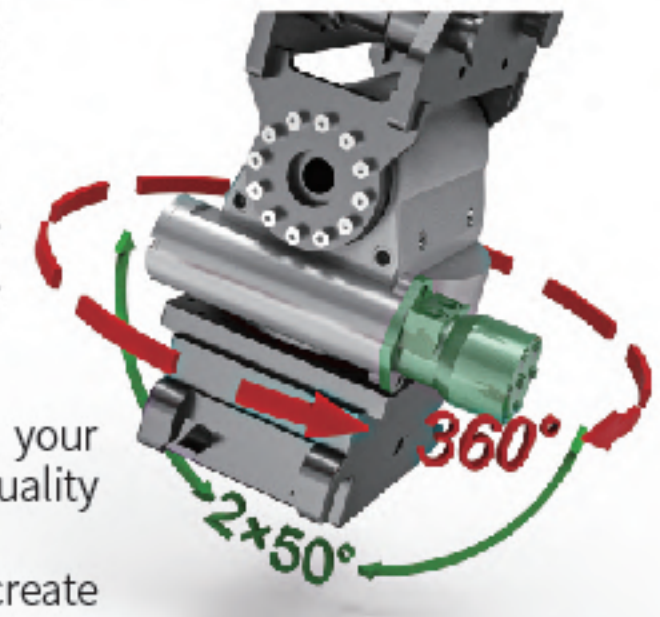


Tilt rotator

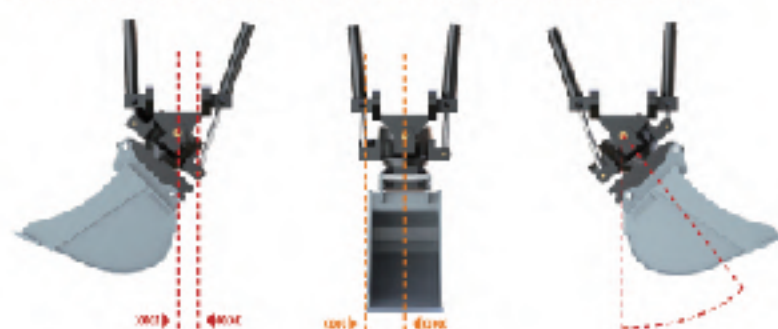
With our Tilt rotator, your attachments can be rotated by 360° continuously and tilted by up to 50° to both sides. Therefore, the efficiency of your machine will be increased dramatically as time and resources will be saved.

2 YEARS WARRANTY

It is our goal that you can always rely on your attachment and make you feel confident of its quality and longevity. Enjoy working with them and experience and create quality.

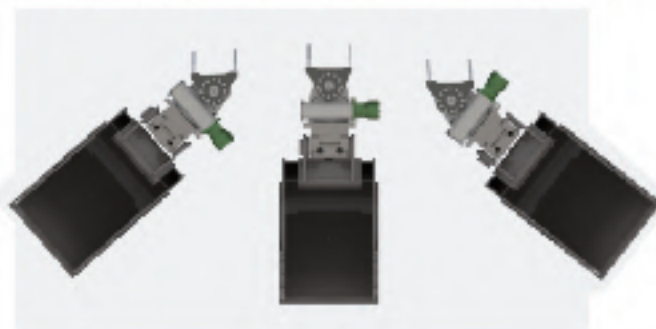


TILT ROTATOR WITH CYLINDERS:



- Minimum pivot point distance
- Maximum pivot point distance
- Narrow tilt angle

TILT ROTATOR WITH ACTUATOR.



- No pivot point, therefore high and constant tilt torque
- Maximum tilt angle (up to 2 x 50°)

About Us

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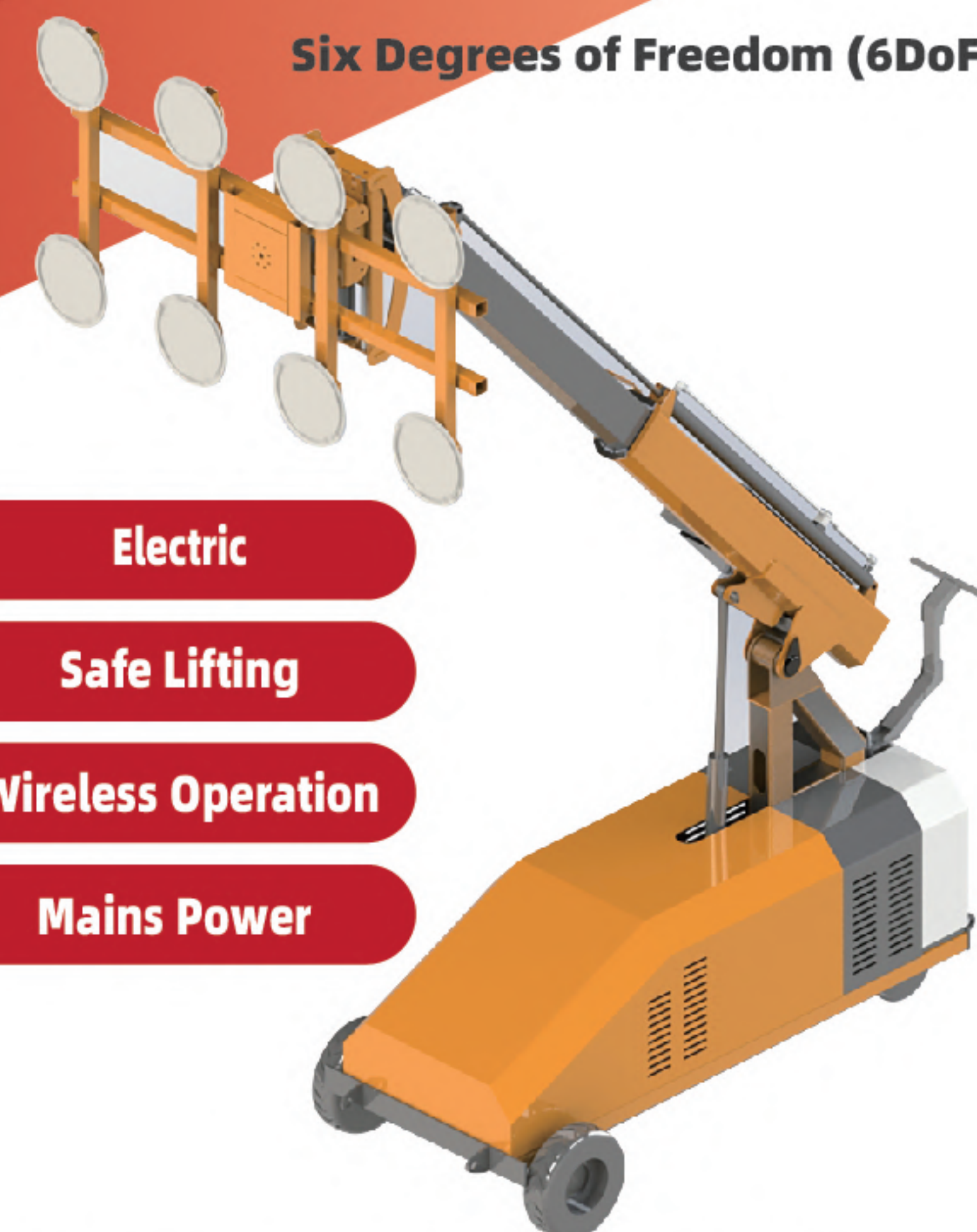
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 Shandong Victory Equipment Co., LTD

Vacuum Glass Lifters

Six Degrees of Freedom (6DoF)



Electric

Safe Lifting

Wireless Operation

Mains Power

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No. 385 Shuangdao East Road, Weihai, Shandong, China.

Double vacuum anti fall | Compact for the elevator
3-hour battery life | Outdoor operation



**For
handling/moving/installing-glass/
marble/wood panels**



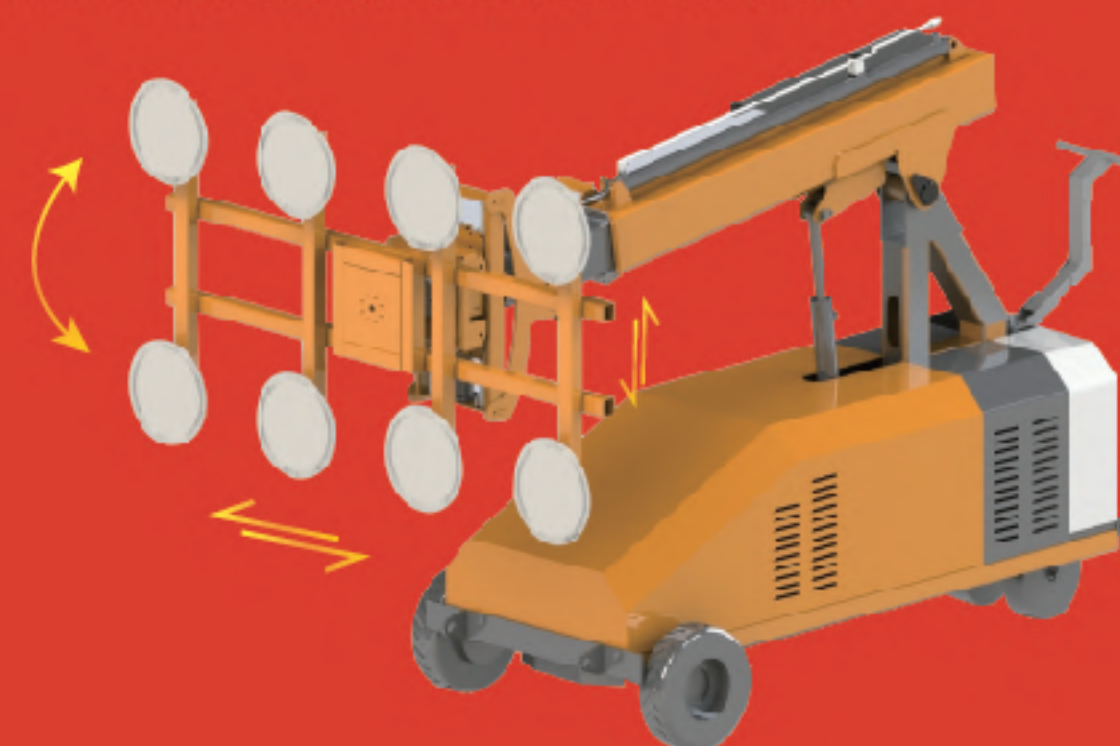
Product Advantages

1、Six Degrees of Freedom, Easy to operate



Main Boom: up and down, lengthen and shorten
Suction Cup: up and down 180°

up & down and right & left movement;
360° rotation in clockwise and counterclockwise directions.



- 2、Electricity, high-capacity battery, 3-hour runtime, compatible with 110V and 220V mains power.
- 3、Multiple suction cup sizes available, anti-drop protection mechanism, intelligent pressure compensation, optional single or dual vacuum systems.

4、Wireless Remote Control

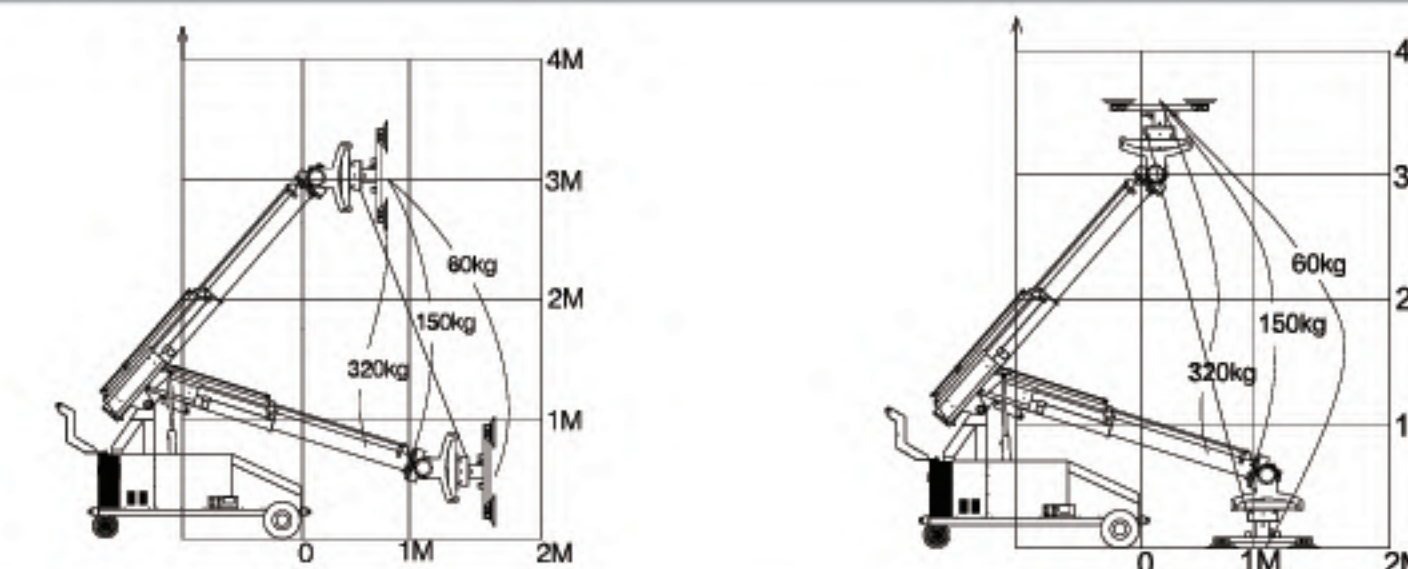


- 5、Electronic + Mechanical Braking System
- 6、Compact design, suitable for elevator access, highly maneuverable, durable, and easy to operate.
- 7、Simple operation, linear motion
- 8、Suitable for outdoor use

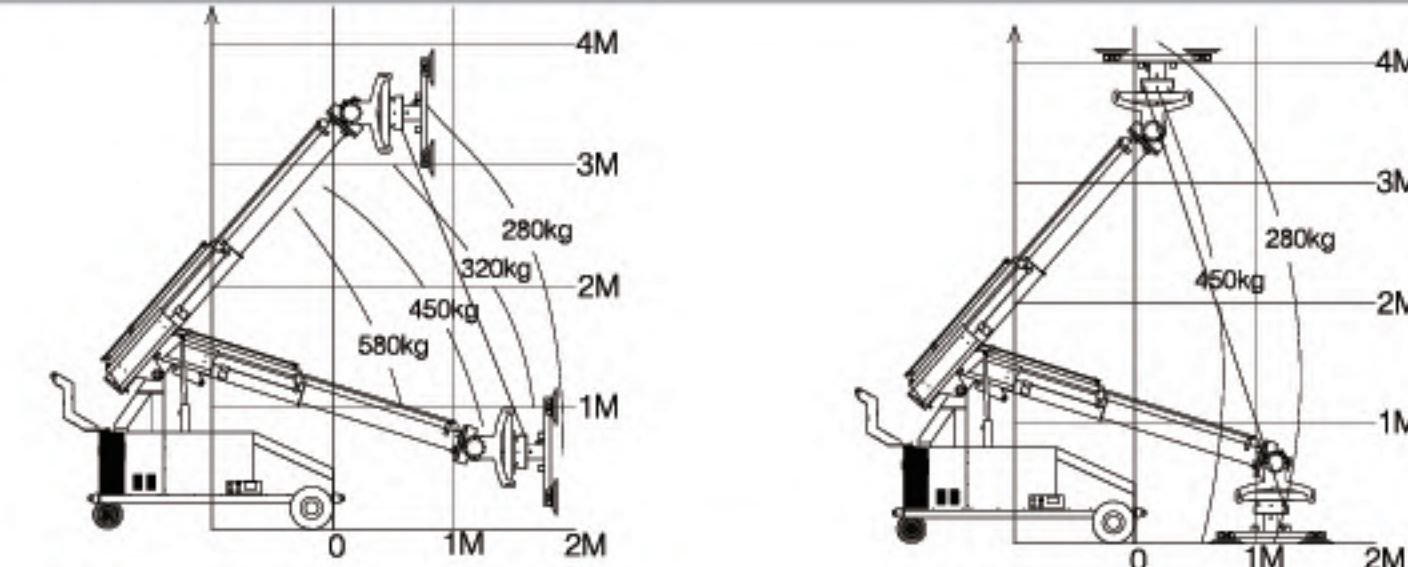
Product

Specifications	LB-400	LB-580	LB-785
Max Lifting Capacity	400kg	580kg	785kg
End Load Capacity	200kg	280kg	100kg
Max Lifting Height (Vertical)	3000mm	3400mm	4000mm
Max Lifting Height (Horizontal)	3500mm	4000mm	4600mm
Extended Reach (Bumper to Suction Cup)	1450mm	1800mm	2000mm
Battery Endurance	2~3H	2~3H	2~3H
Mains Power Mode (Optional)	220V	220V	220V
Remote Control(Effective Range 15 meters)	Wireless	Wireless	Wireless
No-Load Max Travel Speed	≤6km/h	≤6km/h	≤6km/h

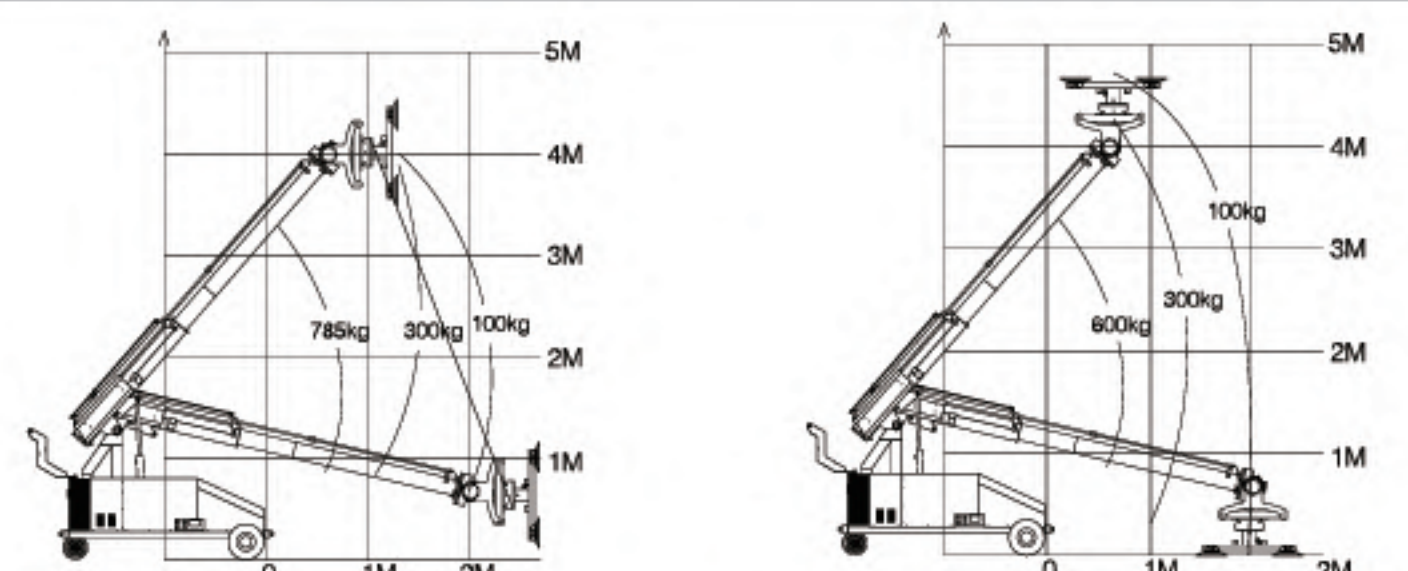
LB-400



LB-580



LB-785





Shandong Victory Equipment Co., LTD

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Shandong Victory Equipment Co., LTD

Hydraulic Helical Rotary Actuator

LS1 SERIES

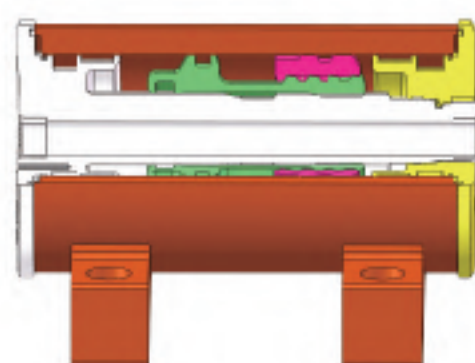


Compact Medium Duty Application

Applications

Robot arm, Jiaolong actuating arm, Automatic production line, Rotation of robot joint, ect.

LS2 SERIES

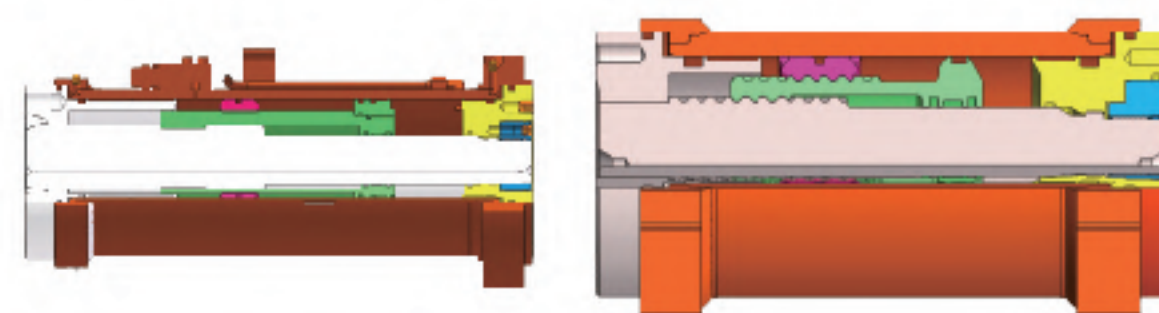


Standard Duty for AWP Application

Applications

Specially Designed for Aerial Work Platform, ect.

LS3 SERIES

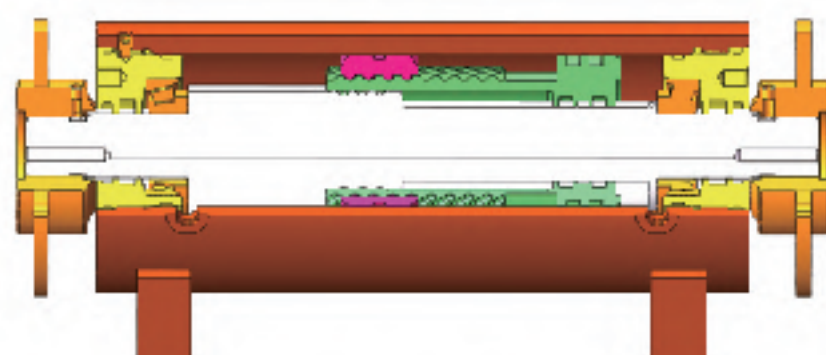


Heavy Duty and Harsh Environment

Applications

Scaling Jumbo, Drilling Jumbo, Bolting Jumbo, Wet Spraying Machine, Roadway Repair Machine, Forklift, ect.

LS4 SERIES

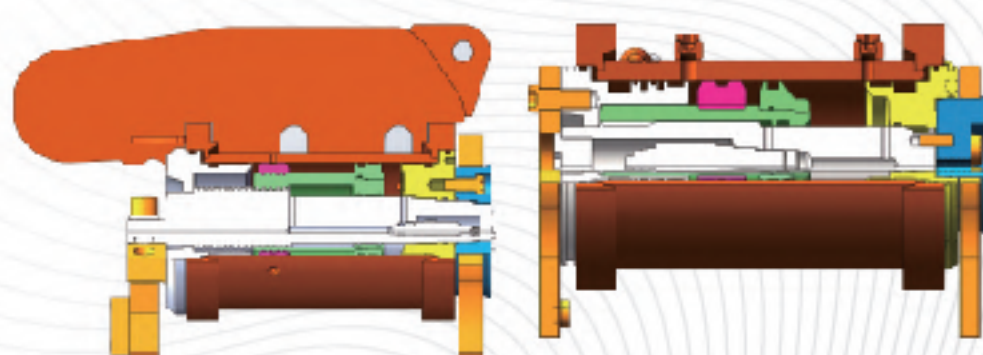


Spline Shaft Output and High Cycle

Applications

Garbage Truck Dumping Function.

LS5 SERIES

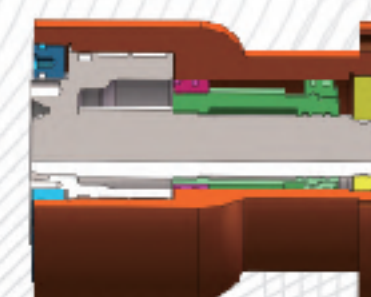


Design for Excavator Tilt Attachment

Applications

Excavator attachment, Tilt quick coupler, Tilt rotator, ect.

LS6 SERIES

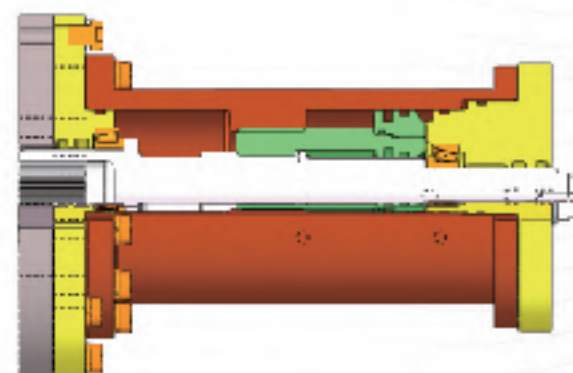


High Moment

Applications

Roadway Repair Machine, ect.

LS7 SERIES

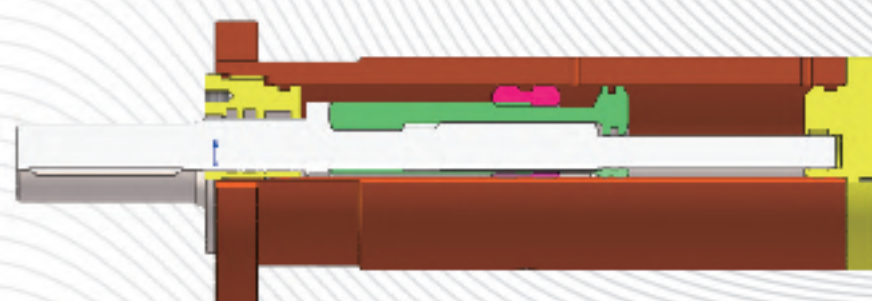


Valve control

Applications

Valve control, Valve on-off with 90 degree, ect.

LS8 SERIES

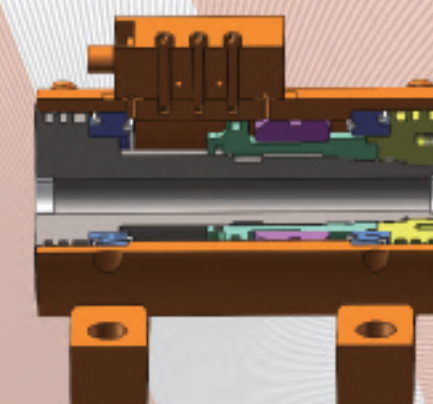


Shaft output

Applications

Tunnel Cleaning Machine.

LS2 New Structure



With Bearing Long Life

Applications

Aerial Work Platform

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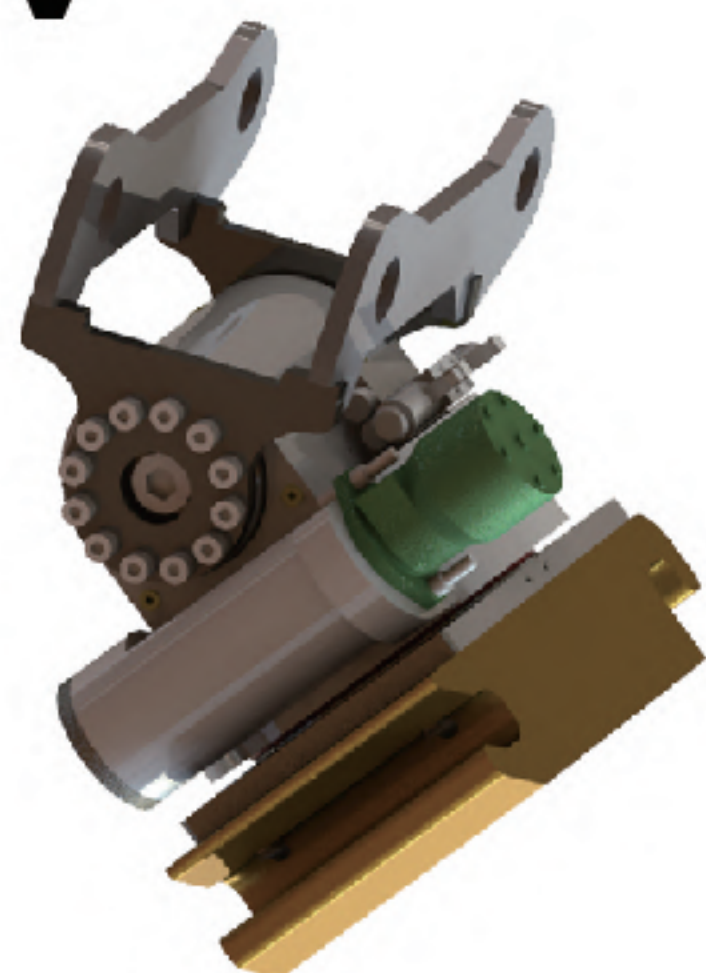
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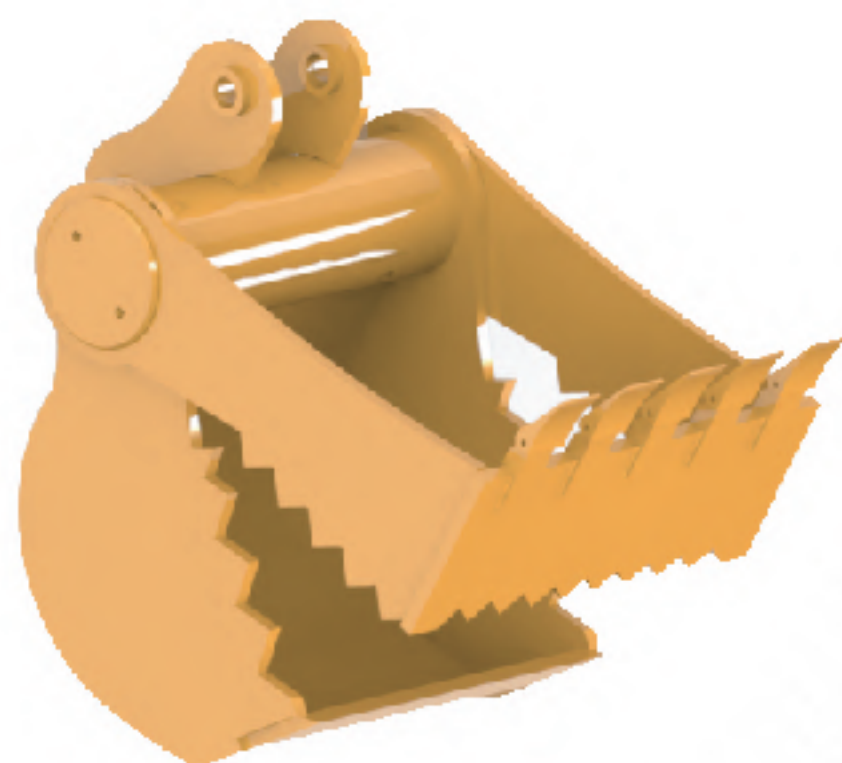


Tilt Rotator

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Applications

Excavator Attachment



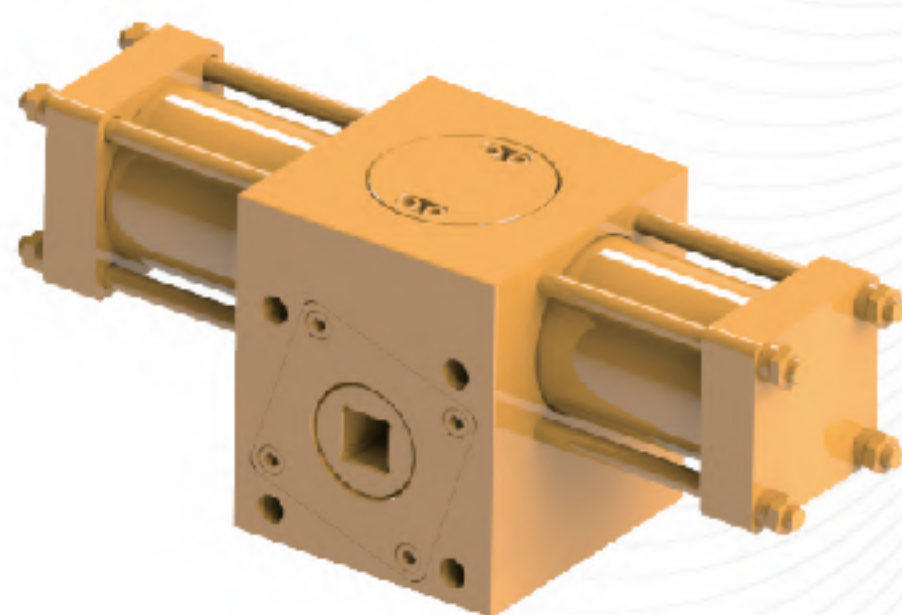
Multi-purpose Bucket

The Multi-purpose bucket is a versatile and durable tool.

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Applications

Dismantle, Vegetation Clearing, Trenching, Precision Excavation, Conventional Excavation, Material Handling, Grading



Hydraulic Rack & Pinion Rotary Actuator

Hydraulic Rack & Pinion Rotary Actuators incorporate many hydraulic and mechanical features that make this actuator both robust and ideal for the most demanding high production applications.

Applications

Steel Industry, Alternative Energy, Boomslewer and Large Actuators, Off-shore Technology, Marine and Submerged Applications - Water Control Management, High Tech Applications, ect.

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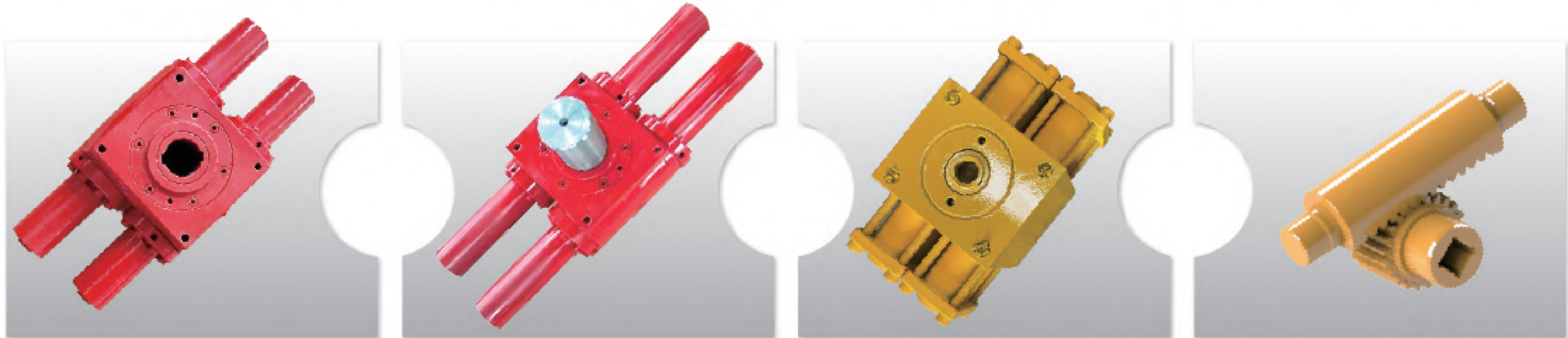
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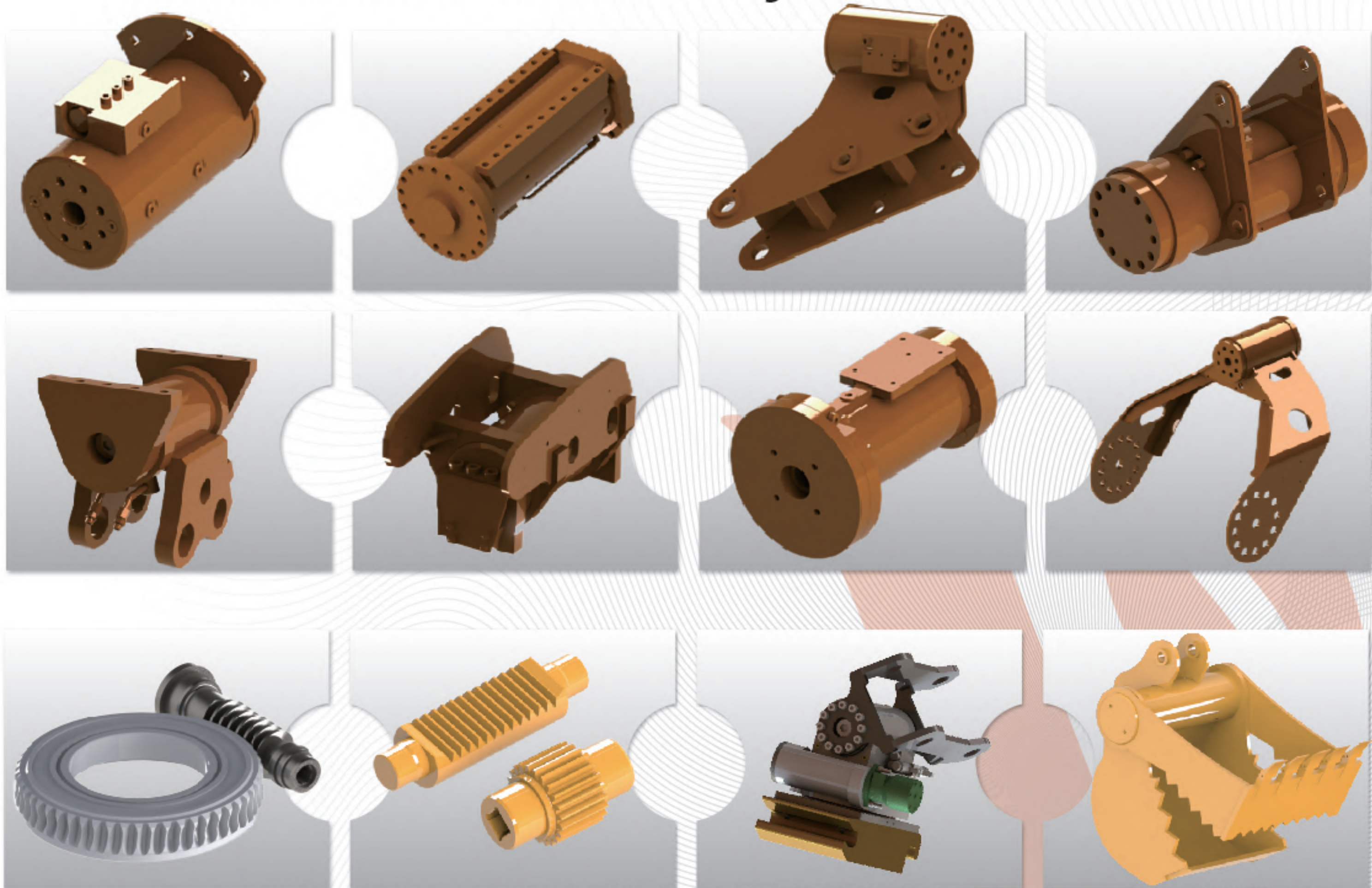


Shandong Victory Equipment Co., LTD

Hydraulic Rack & Pinion Rotary Actuator



Customized Rotary Actuators



Worm gear

Rack and pinion

Tilt rotate quick coupler

Multi-purpose bucket

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Shandong Victory Equipment Co., LTD

Application of the Rotary Actuators



Valve control applications



Vacuum Glass Lifter



Aerial work Platform



Shotcrete



Underwater Hydraulic Robot Arm



Anchor digging and protection machine



Excavator tilting quick coupler



Drilling rigs



Tunnel repair machine



Two-Boom Drill & Load Jumbo



Scaling Jumbo



Hydraulic Grab for Diaphragm Wall

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