

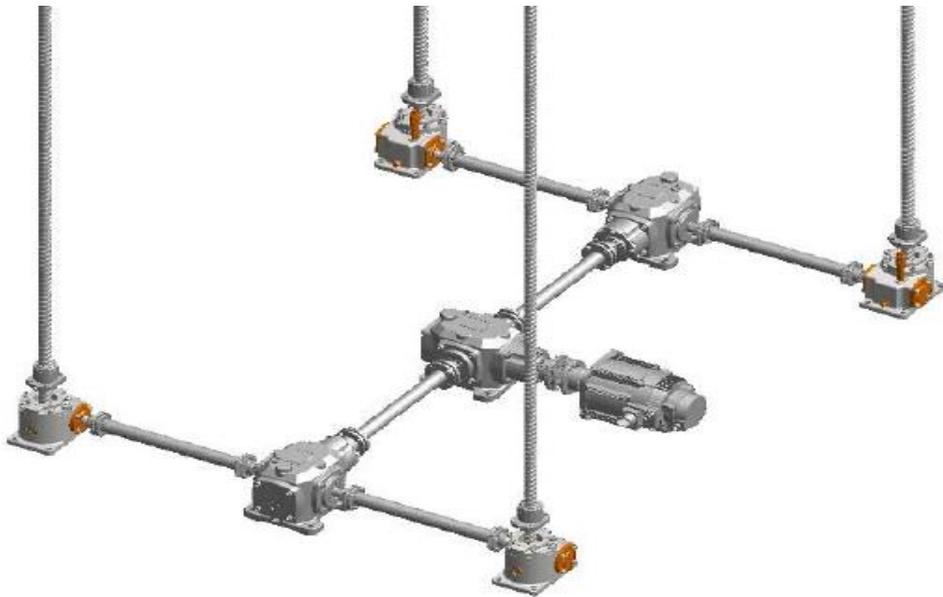
# What is Jack System ?



Proudly support society with our gear technology

# What is Jack System ??

**Jack System** is a mechanism of multiple jacks which can **lift or lower a load**. This system consists of a **motor**, **bevel gear boxes** which can divert input power and **couplings** which can connect all the power transmission products.



**Jack System is a fusion of mechanical and electronical control. Driven by a motor, each product moves with regularity**

# Products of Jack System

## Jacks (Trapezoidal • Ball screw)



JA Series

JB Series



JTA Series



Stainless Model



Low Dust Model



JTB Series

## Bevel Gear Boxes



SB Series

FB Series

TB Series

## Couplings, Shafts, Motorized Speed Reducers, Controlling Devices



# Features of Jack System 1

## ■ Easy synchronous operation

Multiple jacks can be connected together and driven by only ONE motor. Each jack moves at a same speed and same position because of the stable travelling distance of every rotation.

## ■ Flexible layout

Jack system consists of jacks and bevel gear boxes which can transmit and divert power. Single shaft and double shaft are available for both jacks and bevel gear boxes. This allows power to be transmitted from internal or external of the equipment. You can change the travelling speed and capability of lifting a load by changing the reduction ratio of jacks and bevel gear boxes, while you can keep the same layout.

# Features of Jack System 2

## ■ Space saving

Different from hydraulic or pneumatic system ,jack system is driven by motor and does not need pump, tank or air compressor.

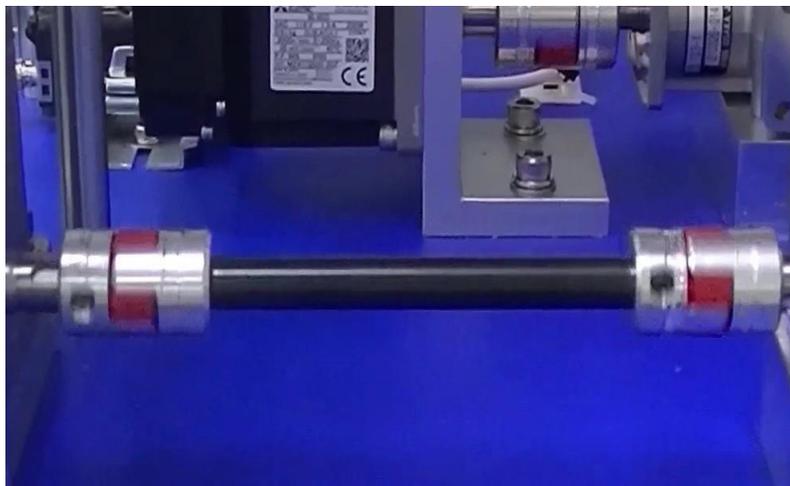
## ■ Self locking

Trapezoidal jack is featured of self locking. Load can be tightly locked in the case of power failure.

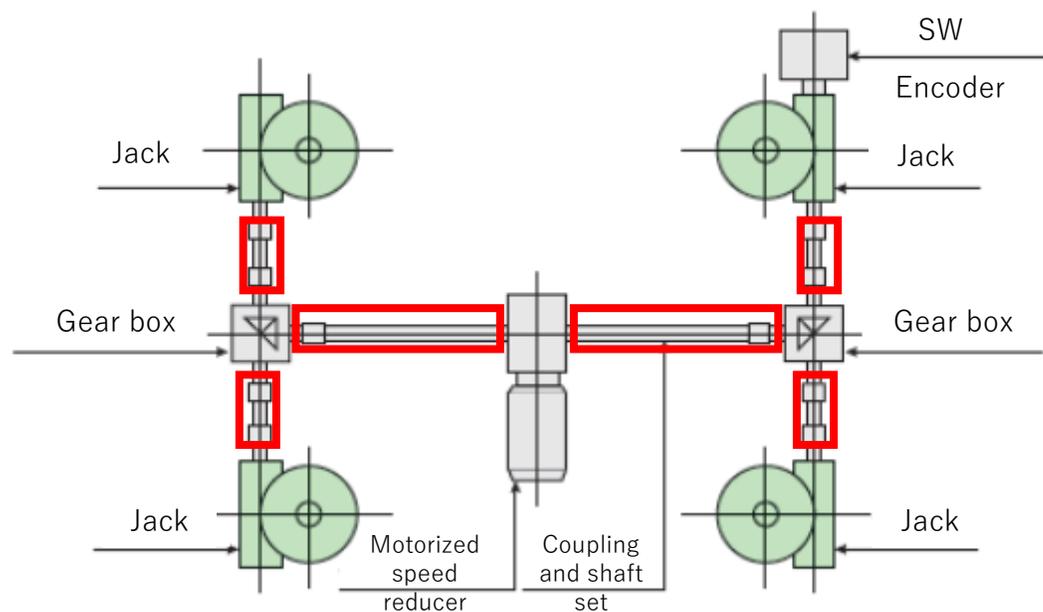
## ■ Ecological and clean

Comparing with hydraulic system ,jack system has low possibility of oil leak and packing change is not necessary.

# Coupling and shaft sets



- Multiple jacks and bevel gear boxes can be connected by couplings and shafts.
- Makishinko uses high-quality and long-life ROTEX® as standard couplings. All of the couplings are made in Germany.



☞ Coupling and shaft sets are marked in red on the layout diagram.

★★ Please contact us for details. ★★