

GEAR-IN MOTOR GS SERIES

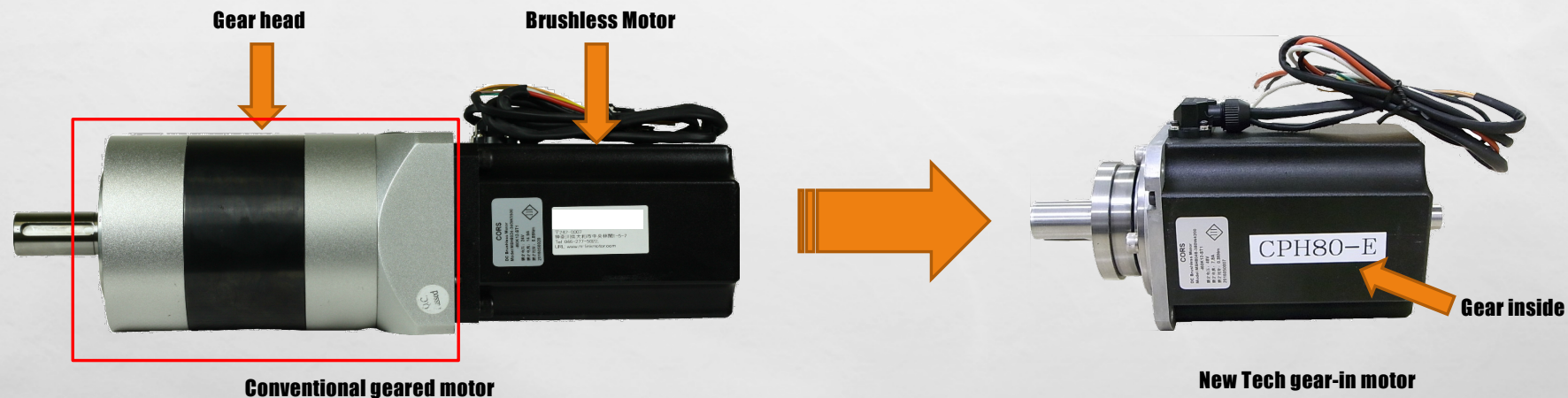
MAKE CUSTOMER'S "WANT" MORE **COMPACT**

Coreless Motor Co.,Ltd



OUTLINE OF GEAR-IN MOTOR

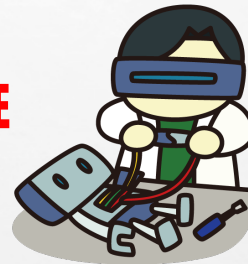
- **IN THE CONVENTIONAL TECHNOLOGY, THE GEAR HEAD WAS EXPOSED OUTSIDE**
IN THE NEW TECHNOLOGY, IT IS HOUSED INSIDE THE MOTOR.
- **DRAMATIC DOWNSIZING OF GEARED MOTOR**



WHAT IS IT USEFUL FOR ?

➤ **PROMOTION OF **DOWNSIZING** AND **SPACE SAVING****

➤ **REALIZATION OF NEW PRODUCTS**



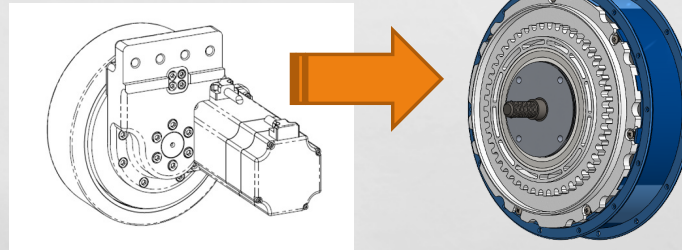
➤ **LARGER CAPACITY OF EXISTING PRODUCTS**

➤ **POWER UP CURRENT PRODUCTS**



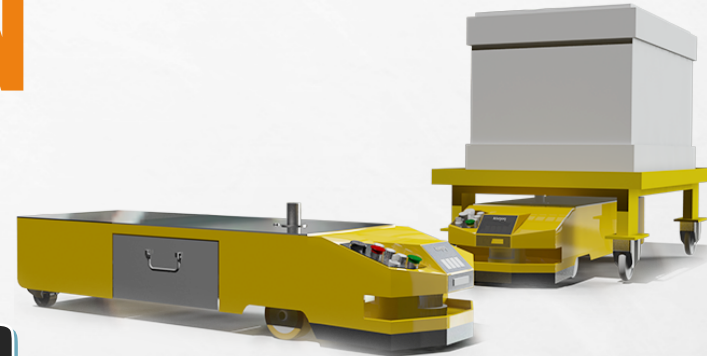
➤ **SMARTER NEW PRODUCTS**

➤ **WHEEL MOTOR**



TARGET APPLICATION

- **AGV**
(Automated Guided Vehicle)



- **Electric forklift**



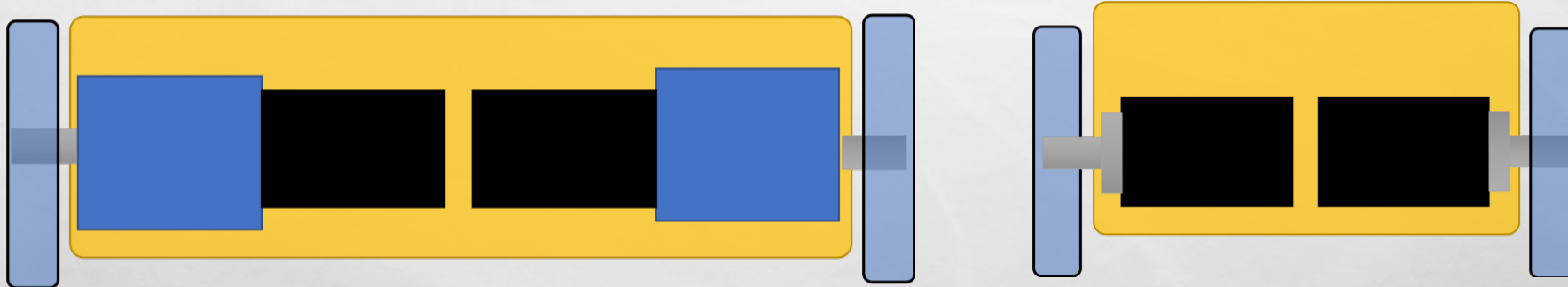
- **Senior cart**



EXAMPLE OF MINITURIZATION :

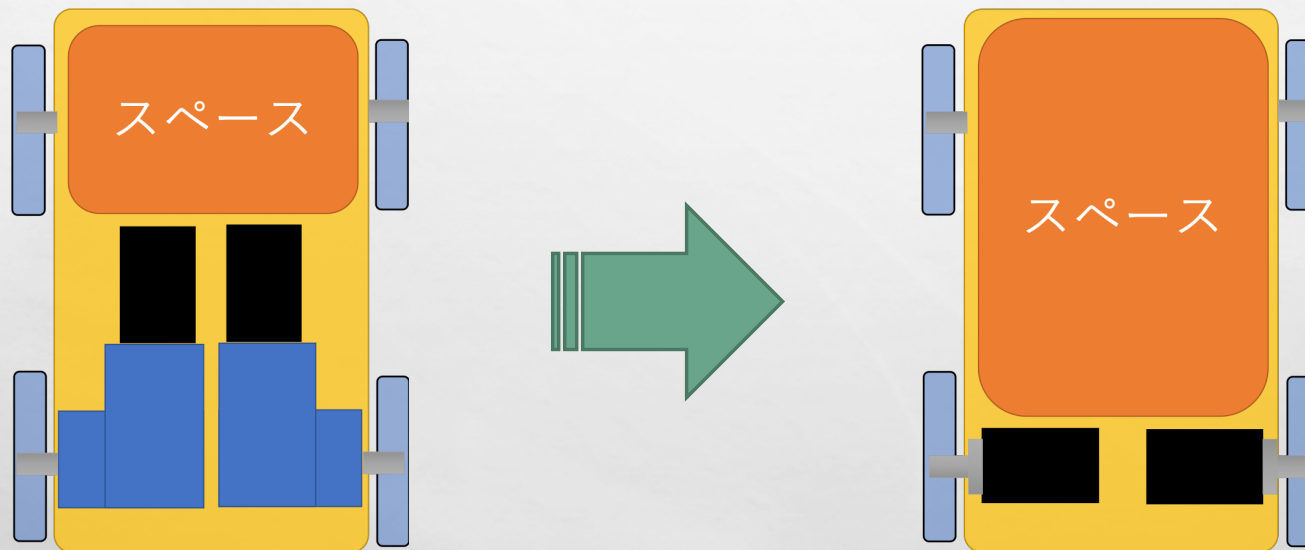
- Can be narrowed

- Can't be narrowed by the amount of gear head



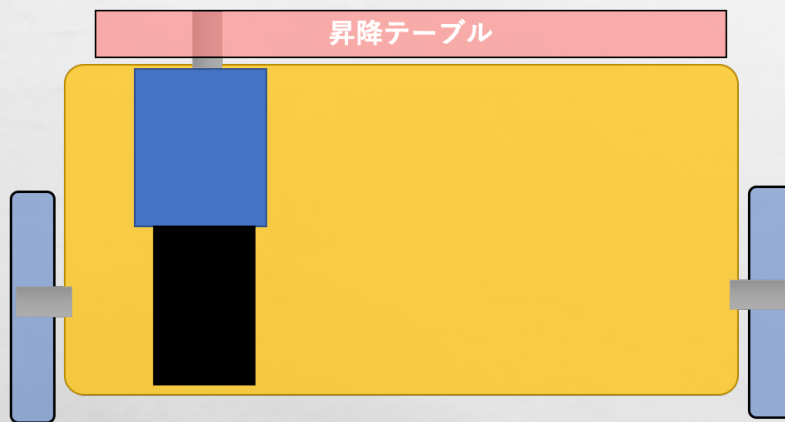
EXAMPLE OF SPACE SAVING :

- L-shaped gear head consumes space

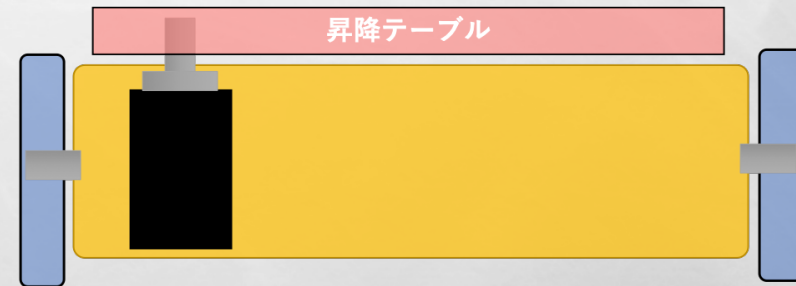


EXAMPLE OF MINIATURIZATION :

- Gear head makes higher

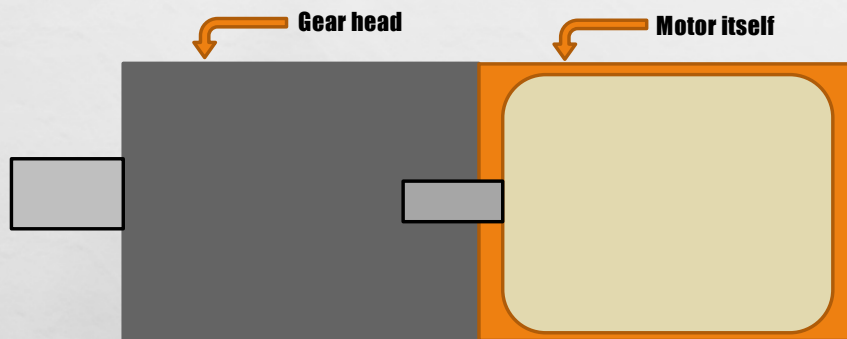


- Gear-in makes lower

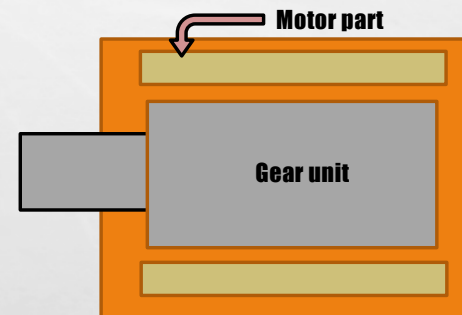


THE REASON WHY CONVENTIONAL TYPE CAN'T

- THERE IS NO SPACE FOR GEARS INSIDE CONVENTIONAL MOTORS
- OUR CORELESS MOTOR IS A **HOLLOW STRUCTURE**, SO GEARS CAN BE INSTALLED



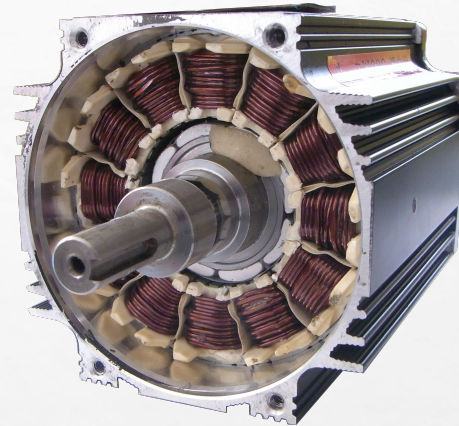
Conventional geared motor



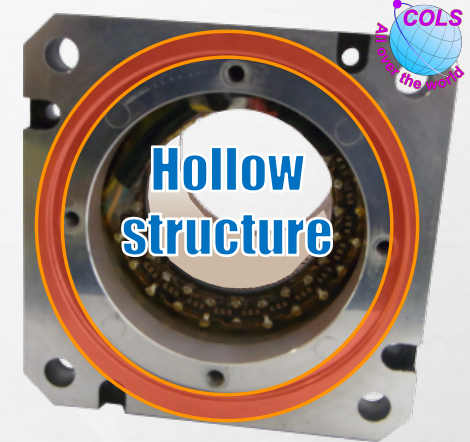
New Gear-in Motor

INTERNAL STRUCTURE DESCRIPTION

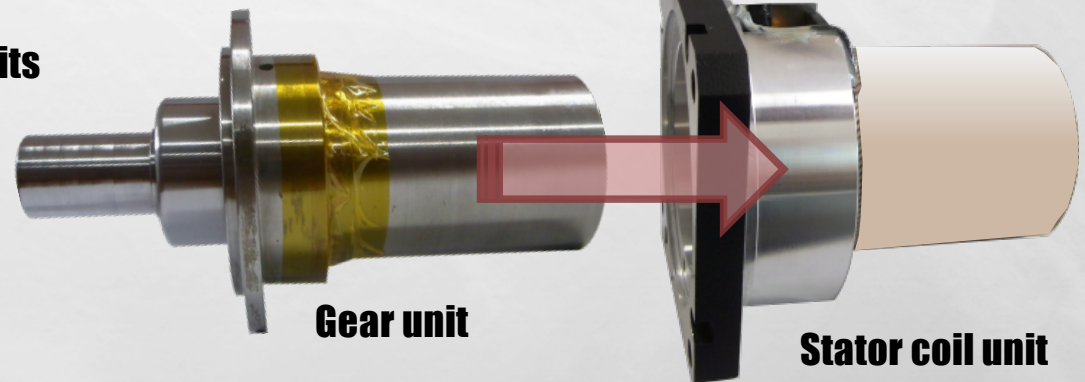
- The inside of the iron core motor is occupied by the iron core coil and the magnet, and there is no space inside.
- Our motor has a hollow structure, and there is a space inside the motor.
- By making special gear unit, it can be placed in its internal space.



Inside the iron core motor



Inside our motor



THANK YOU FOR WATCHING

* For more information, please feel free to contact us by email or phone.



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