



Acorn Industrial Corporation

GNORD Drive Systems (Changzhou) Co.,Ltd.

**GNORD**





## GLOBAL LAYOUT



- GNORD brand is owned by Acorn Industrial Corporation which is as the headquarter in the United States. The production base is located in Changzhou, Jiangsu province.





## GLOBAL LAYOUT

**10** Sales and service centers all over the world

Over **50** employees product D&R

**3** Production centers

## CHINA LAYOUT

**30+** Sales network

**20+** Maintenance service center

**300** Employees and practitioners



● Headquarter  
(Production Base)

● Sales network



# Development History



**GNORD**

1984



1998 (S3)



2005



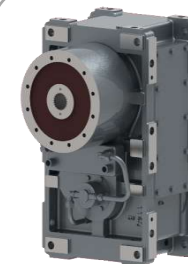
2006 (S4)



2007



2014



2016



2018-2019



# ⚙️ Product Overview

## S4 Gear Motors



## CZ08 Gearbox





## Product Introduction



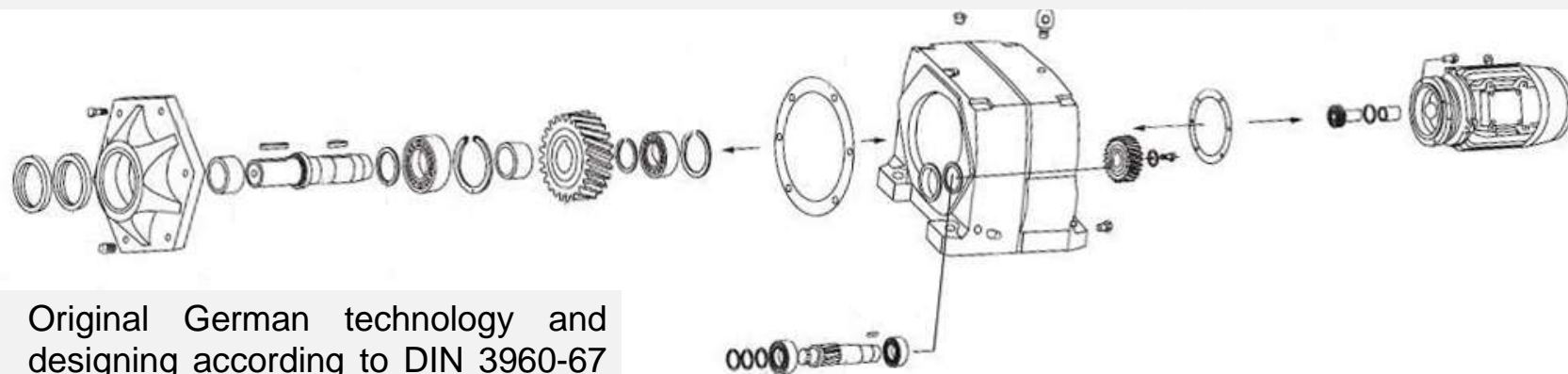
### S4 Gear Motors

Strong

Standard

Silent

Smart



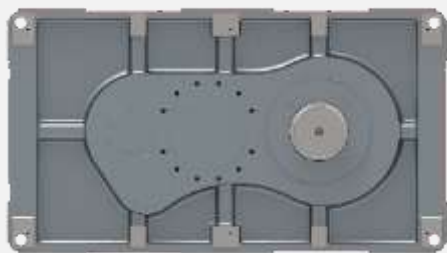
- Original German technology and designing according to DIN 3960-67 standard
- Output torque can reach **25000NM** and the driving force is the largest in the gear motor market
- Gear ratio range: **2.8-10000**
- Customized service is available
- Modularization design and all parts are of strong versatility
- With teams of high-level engineers and technicians who have passed the professional training in Germany



- Precision casting box material——GG20、GG40
- Bearing——SKF、NSK、NTN
- Oil seal——SIMRIT , SKF
- Lubricating oil -- Shell, Mobil (High quality high and low temperature gear oil)

## Product Introduction

### CZ08 Gear box——Standardized Gearbox



- American original technology, AGMA standard with unique concept of designing for Heavy Duty working condition.
- Gearbox is available for six-side installation.
- Modular combination can be derived for the needs of different applications.

**SKF**

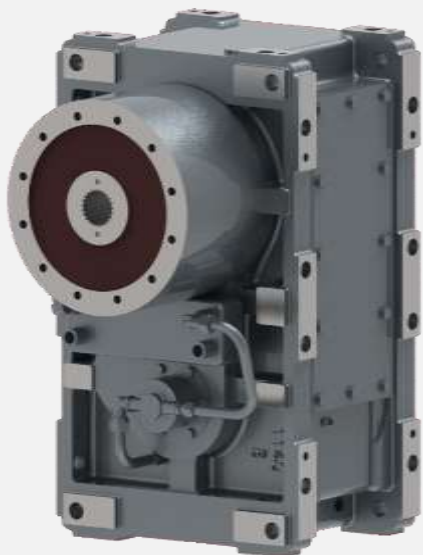
**TIMKEN**  
Where You Turn

**FAG**

- Casting box material——QT400-18
- Bearing——SKF、Timken、FAG
- Coefficient of face width: 0.4,  
pressure angle: 25°
- Machining accuracy ISO6 Level (Normal range=AGMA Q10-Q12)



## Product Introduction



- American original technology, AGMA standard
- High torque, wide gear ratio, up to 28
- Bearing——SKF、FAG、TIMKEN
- Oil seal——German SIMRIT、SKF

### CZ08 Gear box——DHE2 Series of Single Screw Reducer (special gearbox for extruder)



## Product Introduction



### TE Series of flat double gearbox

- Specific torque up to 12.5Nm/cm<sup>3</sup>
- Excellent high speed and high power capability
- Independent cooling lubrication design



### CE Series of reduction gear for side feed extruder

- The most compact design in the market right now
- High transmission efficiency
- High phase accuracy
- Integrated motor structure



### SPFJ Series of single screw reducer

- Easy to install and maintain
- Fit smaller screw size
- Suitable for all kinds of motors



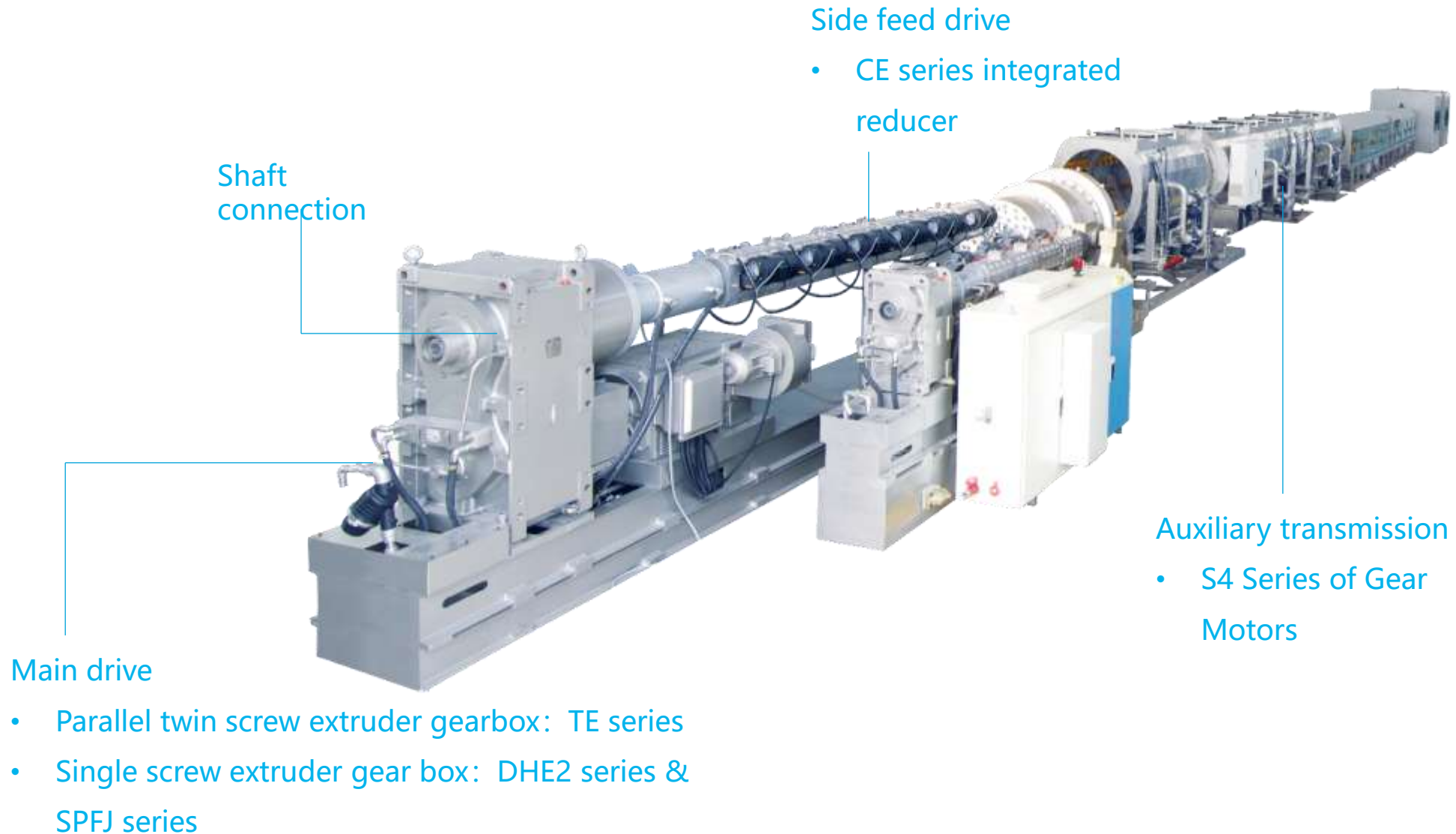
### DHI Series of Reducer for injection molding machine

- compact structure
- Flexible installation
- Built-in cooling system



## Product Introduction

Plastic machinery industry products in the application of extrusion line



Main drive

- Parallel twin screw extruder gearbox: TE series
- Single screw extruder gear box: DHE2 series & SPFJ series

Side feed drive

- CE series integrated reducer

Auxiliary transmission

- S4 Series of Gear Motors



## Industrial Applications



- Extruding machine
- Injection molding machine
- Film blowing machine
- Blow moulding
- cast film
- chemical fiber industry
- .....

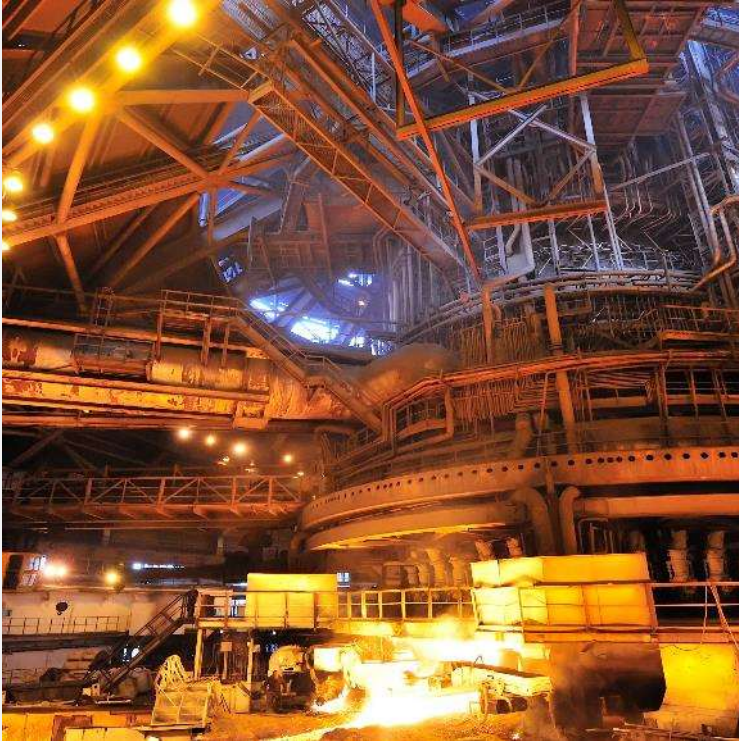


- Lithium battery hybrid equipment
- .....



- Chemical mixing equipment
- .....

# Industrial Applications



- Car lift and driving
- Oven door lift
- Cooling bed roller way
- Cantilever roller way
- Transmission of heating furnace



- Bridge crane
- Gantry crane
- Loading bridge  
and so on



- Conveying equipment
- Food packaging
- Mixing equipment  
and so on



## Blue-chip Customer

GNORD serves key enterprises in many industries

provides product solutions to customers

realizes customized services.





## Our Advantages

Modularization  
combination of  
products

High quality

High energy  
efficiency



European and  
American technical  
teams are united to  
work

Innovative solutions  
are developed



Advanced technology  
and equipment

Full range of  
customer service

Global sales and  
service

