

Every task has a performance-optimized and cost-effective solution

# Projects

From gear to drive-system



Based on our experience and market penetration Framo® has an extensive know-how regarding drive technology tasks.

Therefore an immense core competence is available to all users in development construction, production, assembly and testing.

The development department realizes defined drive concepts by using modern 3D-Software.



Practical and theoretical load tests are a matter of course.

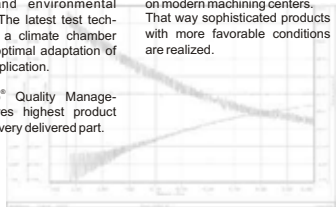
Depending on the requirements, prototypes and standard drives will be checked regarding load capacity and environmental influences. The latest test technology and a climate chamber assure an optimal adaptation of drive and application.

The Framo® Quality Management assures highest product quality for every delivered part.



Serial production does not start until all specifications are fulfilled.

Any batch – whether limited-lot production or full-production run – is processed economically on modern machining centers. That way sophisticated products with more favorable conditions are realized.



## More about Framo® . . .

### Custom Drives

Framo designs and produces custom drives from worm gear box to complex drives.



### Compacta

Slip-on geared motors with built-in limit switches and many options.

### Worm Gear Sets

Millions in use worldwide. Catalog worm gear sets are available from stock. Custom versions on request.



### Mini

Extremely compact linear actuators with integrated limit switches and many options.

### Gears

On specification External gears / Internal gears, spur gears, helical gears and spherical gears.



### LinearChain

The Framo® Push-Pull Chain combines long strokes with minimum space requirements.

Framo Morat - your competent partner for drive and gear technology



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Framo®

Custom Drives

Development

Prototypes

Production

Assembling

Your concept –  
Our drive



Innovative gear technology needs competence, precision and efficient production

Our know-how in designing new products warrant a fast and accurate conversion of your requirements

# Company

Development

Prototypes

Production

Assembling



Tradition, know-how and innovation are the basis of success and assure the technical progress.

Framo® looks back on more than 140 years of experience. Since the start-up in 1863 by Johann Morat followed by the formation of a limited liability company in 1912 the corporation passed many milestones:

Beginning with the production of manometers continued with the manufacturing of counting trains, calculating machines and components for watches. Framo® produced consistently high quality goods based on in-house developments.



Starting with the design and production of worm gears Framo® manufactures components and complete units of drive technology since 1953 in its own plant.



Sales Representatives around the globe guarantee a satisfying customer service.

As a matter of course Framo® is certified according to DIN EN ISO 9001:2000 and DIN EN ISO 14001.



Multistage planetary gear

These multistage planetary gears with low backlash are used in many applications. For instance: axlead adjustment of robotics, positioning tasks, wafer processing and for various servo applications.

Framo® is specialized in drive-technology.

In this connection Framo® meets the high demands of the automotive-, facade- as well as printing-and textile industry.



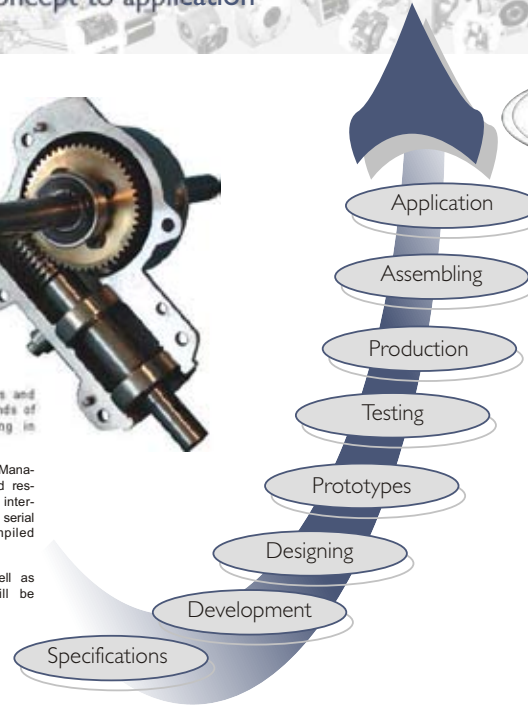
The usage of worm gears and planetary gears for all kinds of applications is increasing in several branches.

An experienced Project Management assigns tasks and responsibilities. Objectives, interfaces and requirements for serial production will be compiled together.

Quality inspections as well as machining schedules will be accurately defined.

# Custom drives

... from concept to application



Two-Motor gear for stair lift

The whole drive of the lift consists of a traction- and a seat adjusting drive. A shrunk-on-disk motor with a three-stage planetary gear is used for the traction drive.

The horizontal adjustment of the seat is done by a swivel drive with permanent-magnet-motor and double worm gear. The drive comes with a position controller and a revolution depending safety catch.

