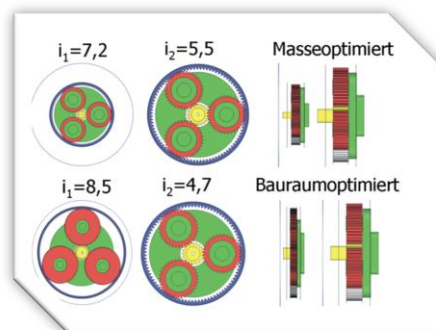
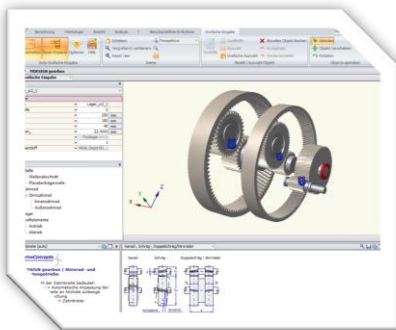
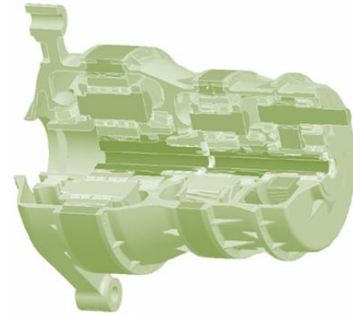


# MDESIGN gearbox

## Design and calculation of gearboxes

### Efficiency in development

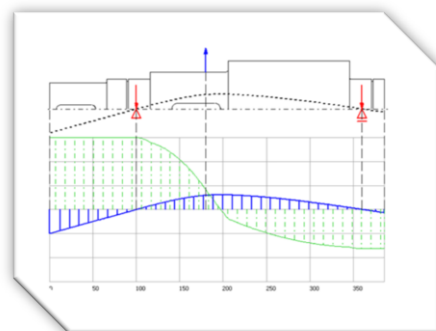
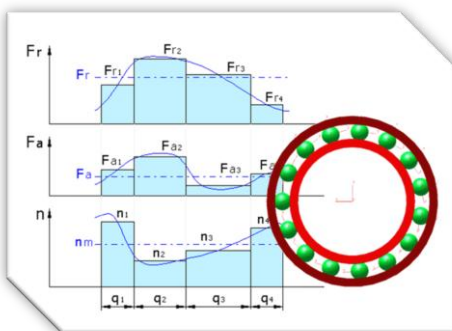
The program MDESIGN gearbox for design layout of multi-stage spur and planetary gears is a complete new development of DriveConcepts GmbH. The user gets a powerful tool to design gearboxes fast and intuitive in a first step. After that you can recalculate all elements of the gearbox with actual engineer standards.



### Partner for gear design process

In the „design mode“ the program optimizes a lot of variants with a given optimization aim like mass, volume or mass inertia. At the end there are variants for an optimized preliminary gearbox design.

In the mode „recalculation“ one variant must be chosen. Stresses analyze follows for all machine elements automatically for shafts, bearings and thoothings.



The user gets a complete gearbox model for optimization and studies of sensitivity with the possibility of exact modeling for all machine elements.

DriveConcepts GmbH  
Wettiner Platz 10  
D-01067 Dresden  
Germany

Tel. +49-351-4858-310  
Fax +49-351-4858-400  
www.driveconcepts.com  
contact@driveconcepts.com

Managing director:  
Prof. Berthold Schlecht  
Dr. Tobias Schulze

VAT. Nr.  
DE 224545507  
FA Dresden Süd  
201/107/11188

MDESIGN explorer  
MDESIGN mechanical  
MDESIGN shaft  
MDESIGN bolt

MDESIGN LVR  
MDESIGN LVR<sup>planet</sup>  
MDESIGN gearbox

MDESIGN author