

# HYDROTRAC GFT 8000

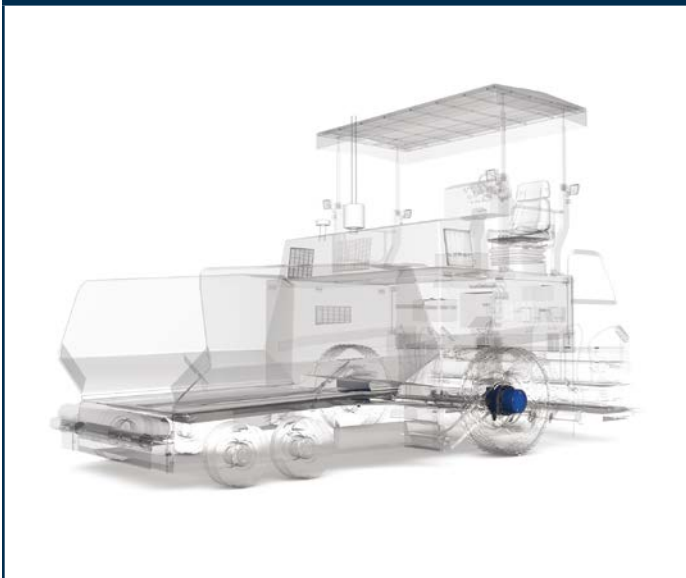
## Transmission Units for Mobile Applications



# Problem-solving expertise

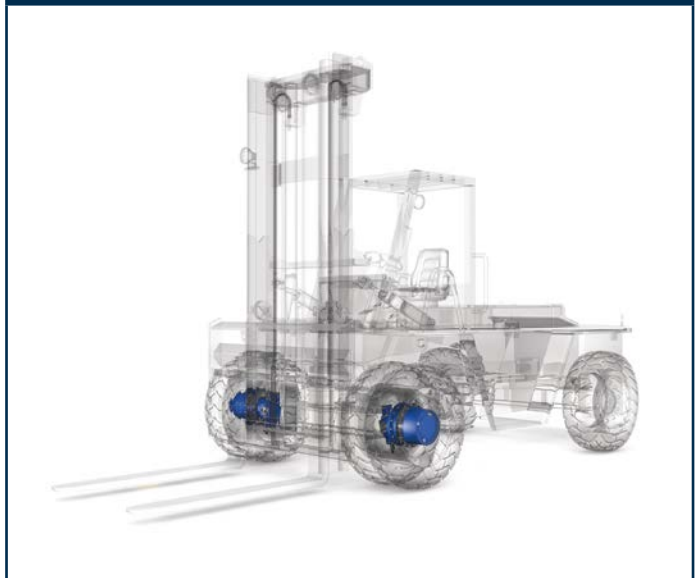
**We know what really counts in order to retrieve the optimum performance of your machine, no matter what area of application.**

## Construction Machines



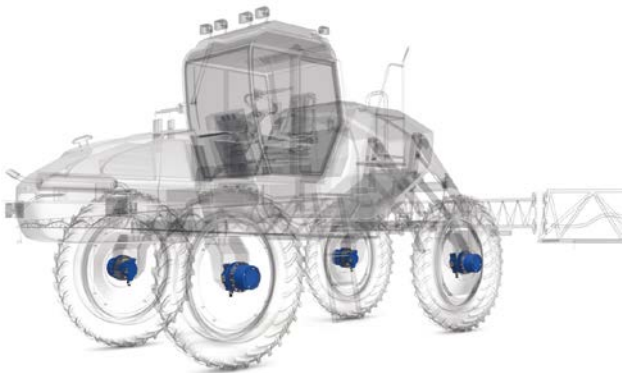
- The hydraulic system provider with practical solutions for TIER 4
- Knowledge transfer of expertise from the on-highway division at Bosch to the off-highway division at Rexroth
- Many years of in-depth application know-how in the areas of compact loaders, wheel loaders, concrete machines, crawler vehicles, road cutters, road milling machines, pavers, telehandlers, excavators and backhoe loader

## Material Handling



- Comprehensive system solutions for travel drives, working hydraulics and drive technology
- Electronic and software-programming
- Innovative products that improve usability and convenience as well as an increase in efficiency
- Many years of in-depth application know-how in the areas of lift trucks, cranes, areal work platforms and drilling units

## Agricultural and Forestry Machines



## Highway and Commercial Vehicles



- Leading provider for medium to large machines with many years of in-depth application knowhow in the areas of agricultural machines, tractors and forestry machines
- Consistent and on-going development of proven product highlights regarding costs, quality and introduction of new functionalities
- Local-to-local developments and production of various products locally (e.g. production in Brazil, India and China)
- Utilization of experience and know-how of Bosch Automotive
- Market leader of hydraulic travel drives
- Only full-range hydraulic supplier in the areas of municipal vehicles, airport vehicles and heavy duty trucks
- Many years of in-depth application knowledge

# Transmission Unit HYDROTRAC GFT 8000 series 40

## Applications

- Construction machines, e.g. paver, other soil compactors, road cutters/road milling machines, drilling machines, dozer
- Harvesters, forestry machines
- Heavy duty trucks
- Forklift trucks
- Crawler cranes



<b>Nominal torque</b>	<b>10000 . . . . . 130000 Nm</b>
<b>Transmission ratio</b>	<b>19 . . . . . 168</b>
<b>Compatible hydraulic motors</b>	<b>Fixed and variable plug-in motors</b>
<b>Brake</b>	<b>Hydraulic multiple-disk parking brake</b> • Parking brake (static)

Size	Nominal torque (Nm)
8110 E	10000
8120 E	15000
8130 E	20000
8140 F	30000
8150 E	42000
8160 F	52000
8170 F	70000
8180 E	70000
8190 F	130000

## Features

- Higher output torque whilst maintaining the same installation size as classic portfolio
- Robust design
- Suitable for track- and wheel-driven vehicles
- Short delivery times due to modular design
- Assembly of variable plug-in and fixed displacement plug-in motors different series possible
- Transmission unit can be used in open- and closed-loop
- By the use of A6VE motors of the series 71 it is possible to realize a system pressure of up to 500 bar
- Integrated static multiple-disk parking brake
- Disconnect mechanism (optional)
- Wheel studs (optional)

# Transmission Unit HYDROTRAC GFT 8000 series 40 with dynamic brake



## Applications

- Agricultural and forestry machines, e.g. sprayers, harvesters

<b>Nominal torque</b>	<b>15000 . . . . . 42000 Nm</b>
<b>Transmission ratio</b>	<b>19 . . . . . 51</b>
<b>Compatible hydraulic motors</b>	<b>Fixed and variable plug-in motors</b>
<b>Brake</b>	<b>Hydraulic multiple-disk parking brake</b> • Parking brake (static) • Service brake (dynamic)

<b>Size</b>	<b>Application class (to)</b>
8120 E	10
8130 E	19
8150 E	24

## Features

- Higher output torque whilst maintaining the same installation size as classic portfolio
- Robust design
- Integrated static brake and dynamic brake
- Parking brake function and dynamic brake rely on independent hydraulic connections
- Short delivery times due to modular design
- By the use of A6VE motors of the series 71 it is possible to realize a system pressure of up to 500 bar
- Velocity up to 50 kph possible
- Disconnect mechanism (optional)
- Wheel studs (optional)

**Bosch Rexroth Corporation**

Corporate Headquarters

14001 South Lakes Drive

Charlotte, NC 28273

Phone (800) REXROTH

(800) 739-7684

[info@boschrexroth-us.com](mailto:info@boschrexroth-us.com)

[www.boschrexroth-us.com](http://www.boschrexroth-us.com)

