

# Electric Drivetrain Components



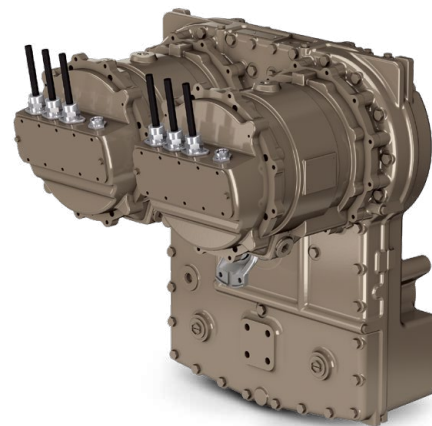
## Taking powertrain electrification off-highway

John Deere has the experience to help you electrify vehicles and provides rugged system components.

- Proven John Deere components and electric drive system
- Motors designed specifically for traction drive application
- Components designed for high durability and reliability

### GPD5 Generator & Pump Drive

<b>Max input torque</b>	2500 Nm (1850 lb-ft)
<b>Max input speed</b>	1950 rpm
<b>Pump drive pads</b>	SAE B, SAE C, SAE E (2)
<b>Maximum electric power generation</b>	400 kW (536 hp)
<b>Assembly weight</b>	930 kg (2050 lb)



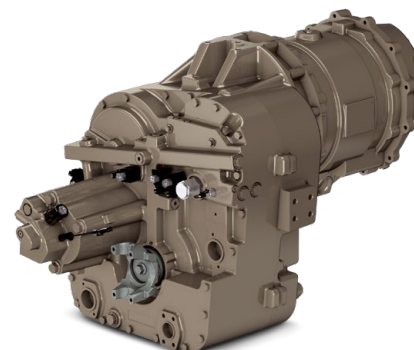
### GPD3 Generator & Pump Drive

<b>Max input torque</b>	900 Nm (664 lb-ft)
<b>Max input speed</b>	1950 rpm
<b>Pump drive pad</b>	SAE D
<b>Maximum electric power generation</b>	200 kW (268 hp)
<b>Assembly weight</b>	350 kg (770 lb)



### EMD3 Motor & Transmission




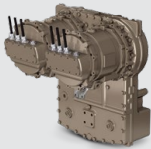




<b>Power output</b>	145 kW (195 hp)
<b>Peak torque output</b>	5500 Nm (4071 lb-ft)
<b>Max output speed</b>	3400 rpm
<b>Transmission ratios</b>	3
<b>Park brake capacity</b>	2600 Nm (1915 lb-ft)
<b>Assembly weight</b>	650 kg (1433 lb)



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## Electric component family

Power range	Power generation	Power electronics	Power conversion	
	Generator/pump drives	Inverters	Transmissions	Final drives
300 – 400 kW				
200 – 300 kW				
140 – 200 kW				

## Proven off-highway performance

### Your equipment deserves nothing less

Staying true to the John Deere commitment, Funk drivetrain components incorporate over 150 years of off-highway vehicle experience.

Our continued promise is to provide you with an array of robust designs to meet your demanding OEM needs. When you choose a Funk pump drive, you know you are getting the best combination of performance, reliability, and durability.

Our application engineers are ready to assist you in selecting the options that best fit your needs. We also offer dedicated OEM service and long-term aftermarket support.

To see the value we can add to your equipment, call us today at 1-800-533-6446.

### The power of a worldwide support network

With John Deere, you never have far to go to find expert assistance and advice. The more than 4,000 service locations throughout the world give you peace of mind that you can get service when and where you need it.



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