



ENGIRO
HYDAC INTERNATIONAL

Electric Drive Systems for Tractors





The Perfect Combination for Every Weight Class



Thanks to the modular design of all ENGIRO motors and components, it is possible to offer the optimum electric drive system for all types of agricultural machines, consisting of a motor or generator, a matching inverter, and a suitable cable harness. In this brochure, we have put together a selection of electric traction motor, hydraulic motor or generator sets for every weight class of tractors. Whether you are looking for an efficient system for a small tractor or a reliable power source for heavy models – with a variable continuous power range from 5 kW to powerful 400 kW, ENGIRO ensures that all agricultural machines get the electric drive solution they need to work productively and efficiently.



159AH



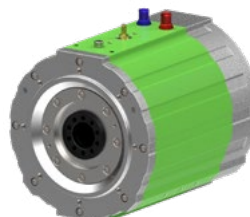
159WH



205A



205W



260W



370W

Tractors

3 t – 6 t



Traction Motor

159AH_06020

Controller DMC Size 3 96 V
AC Cables integrated
Data Cables integrated

Art.-No.

4842856

4842765



Air Cooled



9/27



4380/7200



20/70



96

205W_08095

Controller 800 V 3-phase motor controller
200 A / 300 A
AC Cables 3 x 25 mm², 2 m
Data Cables Resolver + Temp. data cable

4844592

4842711

4842835



Water Cooled



32/41



3830/8000



80/188



800



Tractors

3 t – 6 t



Generator

260W_15031

Controller 800 V 3-phase motor controller
200 A / 300 A

AC Cables 3 x 50 mm², 2 m

Data Cables Resolver + Temp. data cable

Art.-No.

4844592

4801180

4801179



Water Cooled



113/154



2440/6000



444/807



800

Hydraulic Motor

205W_04191

Controller 800 V 3-phase motor controller
200 A / 300 A

AC Cables 3 x 25 mm², 2 m

Data Cables Resolver + Temp. data cable

Art.-No.

4844592

4842711

4842835



Water Cooled



16/21



3940/8000



40/78



800

Tractors 6 t – 9 t



Traction Motor

260W_10020

Controller 800 V 3-phase motor controller
200 A / 300 A
AC Cables 3 x 50 mm², 2 m
Data Cables Resolver + Temp. data cable

Art.-No.

4844592
4801180
4801179



Water Cooled



115/194



4970/6000



222/386



800

Generator

260W_25018

Controller 800 V 3-phase motor controller
400 A / 600 A
AC Cables 3 x 70 mm², 2 m
Data Cables Resolver + Temp. data cable

Art.-No

4843264
4843034
4842837



Water Cooled



146/177



2110/6000



660/912



800



Tractors

> 9 t








Traction Motor

370W_29016

Controller 800 V 3-phase motor controller
600 A / 900 A
AC Cables 3 x 120 mm², 2 m
Data Cables Wiring harness

Art.-No.
4843401
4843095
4842840






				
Water Cooled	285/523	1580/3000	1728/3688	800

Generator

370W_29016

Controller 800 V 3-phase motor controller
600 A / 900 A
AC Cables 3 x 120 mm², 2 m
Data Cables Wiring harness

Art.-No.
4843401
4843095
4842840




				
Water Cooled	285/523	1580/3000	1728/3688	800

Hydraulic Motor

260W_08028

Controller 800 V 3-phase motor controller
200 A / 300 A
AC Cables 3 x 35 mm², 2 m
Data Cables Resolver + Temp. data cable

Art.-No.
4844592
4692046
4801179

				
Water Cooled	67/115	3000/6000	204/403	800

The values given above for the electric motors always refer to the continuous operating range and the maximum operating range.

Optimised Drive Systems for a Wide Range of Mobile Applications



If the motors and generators listed do not meet your requirements or if you need motors and generators for another agricultural vehicle, please contact us, so we will create an individual set combination for you. This will ensure that you receive a solution that utilises the full potential of your vehicle.

Are you looking for a set consisting of an electric motor, inverter, and associated cables for other commercial vehicles? ENGIRO supplies optimised electric drive systems for a wide range of mobile applications.

Contact the ENGIRO Sales Team for more information:
sales@engiro.de



To be noted: The information in this brochure is based on our current knowledge and experience. Due to the wide range of possible influences during application, they do not exempt the processor and user from carrying out their own tests and trials. Although the suitability for a specific application can be estimated from our information, a legally binding assurance is by no means possible. Depending on the individual case, we recommend consultation with us. Any industrial property rights and applicable laws must be observed by the recipient of our products on his own responsibility.

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About ENGIRO

ENGIRO GmbH represents the drive division within the renowned HYDAC group of companies, which specialises in hydraulics, storage, filter technology, control systems and thermal management. As a leading systems provider of high-efficiency electric drives for commercial vehicles with a corporate background that extends beyond 30 years, ENGIRO provides its customers around the world with innovative electric motors and generators, matched inverters and suitable wiring harnesses. With the scalable and modular components, ENGIRO customers benefit from an electric drive system that is optimally tailored to customer-specific requirements. Thanks to the extensive expertise and cooperative service, the experts from ENGIRO are available to their customers so they can find the best possible solution together. ENGIRO customers can count on getting a custom drive solution that efficiently and reliably electrifies their vehicles – whether municipal vehicles, construction and agricultural machinery, buses and lorries, boats or special vehicles.

Headquartered in the high-tech region of Aachen, the company has established its product portfolio worldwide. ENGIRO is investing in expanding its business and production facilities to grow for its customers in the long term. Thanks to the first-class developer expertise, the company is continuously further developing its portfolio and developing new products in the field of electric drive systems. With a clear focus on sustainability, efficiency and customer-centred solutions, ENGIRO has set itself the goal of providing long-term concepts for demanding environmental requirements of the future.

