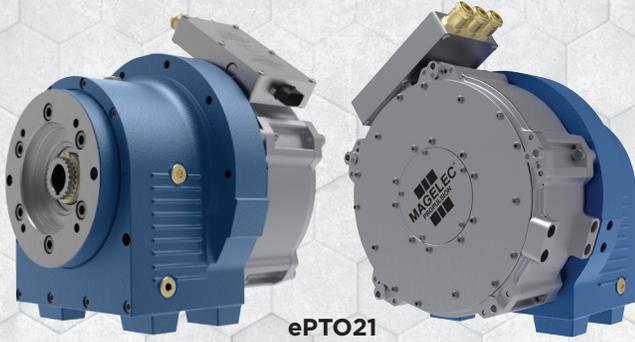


TECHNICAL SPECIFICATIONS FOR

# OMNI™ e-PTO DRIVES

## OFF-HIGHWAY, ON-HIGHWAY MOBILE EQUIPMENT AUXILIARY HYDRAULICS



ePTO21

**OMNI™** Electric Auxiliary Drive Systems offers power to essential components like electric air compressors, electric freon compressors, and electric fan drives, ensuring optimal performance and energy efficiency.

Whether it is powering blower drives for ventilation systems or supporting conveyor systems, **OMNI™** electric auxiliary drive systems are indispensable in modern industrial operations, offering reliability, sustainability, and adaptability to meet evolving demands.

### FEATURES

- Mount options for for SAE A, B, C & D pump pads.
- WEG Cooled Motors & gearbox.
- Oil Sump in the Gearbox.
- High Speed input capability in the Gearbox.
- HV Controllers Provided by OMNI.
- Axial Flux Motor Technology.
- Motors are stackable like pancakes, D\* means double motor stacked together. Each motor requires an individual motor controller.
- Stator Windings can be altered to meet specific application requirements.
- Resolver Speed Sensor.
- IP67 Protection class.



M17HV ePTO DRIVE	RATIO		
	2.92	3.3	4
Rated Voltage (VCD)	600		
Cont. Power (kW)	18		
Cont. Torque (Nm)	103	116	141
Peak Power (kW)	35		
Peak Torque (Nm)	242	274	332
Max Output Speed	2568	2273	1875
Peak Efficiency	≥91	≥91	≥91
Ingress Protection	IP67	IP67	IP67
Weight (kg)	38.4		

M19 ePTO DRIVE	RATIO		
	2.92	3.3	4
Rated Voltage (VCD)	600		
Cont. Power (kW)	25		
Cont. Torque (Nm)	134	152	184
Peak Power (kW)	55		
Peak Torque (Nm)	383	400	400
Max Output Speed	2568	2273	1875
Peak Efficiency	≥91	≥91	≥91
Ingress Protection	IP67	IP67	IP67
Weight (kg)	45.5		

M21 ePTO DRIVE	RATIO		
	2.92	3.3	4
Rated Voltage (VCD)	600		
Cont. Power (kW)	68		
Cont. Torque (Nm)	200		
Peak Power (kW)	152		
Peak Torque (Nm)	400		
Max Output Speed	4110	3636	3000
Peak Efficiency	≥91	≥91	≥91
Ingress Protection	IP67	IP67	IP67
Weight (kg)	49		

M24 ePTO DRIVE	RATIO		
	2.92	3.3	4
Rated Voltage (VCD)	600		
Cont. Power (kW)	83		
Cont. Torque (Nm)	200		
Peak Power (kW)	152		
Peak Torque (Nm)	400		
Max Output Speed	3082	2727	2250
Peak Efficiency	≥91	≥91	≥91
Ingress Protection	IP67	IP67	IP67
Weight (kg)	58.5		

\*The winding configuration can adapt to different operating points and efficiencies. Voltage fluctuations directly influence Torque-Speed-Power traits. Additionally, the gearbox necessitates WEG cooling, and the weight is dry weight. Contact **OMNI™** for verification and further details for precise usage and alternative configurations. \*