



OMNIDRIVE | TO 79 PLUS

Omni drive system for multi-directional vehicles

For AGV manufacturers, we can also offer a complete package including electronic controllers and navigation system, developed in partnership with industry leading companies.

For more information please contact our customer service:

info@tekno-mp.com

APPLICATIONS

// AGV / AGC

AGVs, AGV flat,

// Electric vehicles

Airport, Any other,

AVAILABLE OPTIONS

drive system to-79 plus

- Max wheel torque in acceleration 500 Nm
- Continuous wheel torque 165 Nm
- Max load on the gearbox 1400 kg
- Gear ratio 1/26.1

wheel sizes

- Ø 230 X 75 mm
- Material polyurethane

traction motor

- Type AC
- Voltage 24V - 48V
- Power 1,2 kW
- Speed 3525 rpm
- Protection class IP20
- Speed sensor up to 1000 ppr

steering motor

- Type AC
- Voltage 24V - 48V
- Power 0,6 kW
- Speed 1750 rpm
- Protection class IP20

Benefits

- High efficiency both at high and low speed
- Full range of sensors for traction, steering and navigation
- Fixed cables, ideal for 360° continuous rotation
- Very compact, ideal for use in flat vehicles
- Communication with navigation
- Wide range of gear ratios
- Wide range of motors
- Low noise ground gears
- Easy mechanical interface to vehicle chassis
- Low backlash gears
- Fully oil lubricated gearboxes
- High efficiency, about 95%
- 100% tested and certified drive systems
- Possibility of integration to electronics
- Easy maintenance
- ISO9001 and ISO14001 certified production system
- Made in Italy

brake

