Garbage Trucks
Magnetostrictive Linear Position Sensors

WHERE ARE POSITION SENSORS INSTALLED?
1. In the front lifting cylinder to control lifting of variable weights
2. In the dumping cylinder to safely optimize cycle time
3. In the clamping cylinder to control grasping force
4. In the side reach and extend cylinder to efficiently align to targets

WHY POSITION MEASUREMENT?
Garbage trucks must be fast, efficient, and quiet. As public vehicles, they are expected to efficiently complete a dirty task safely, without disturbing citizens. As a business, cost savings are increased the based on how efficiently the truck completes its route. By using cylinder position data, trucks can optimize their dump cycles to be fast and quiet. Monitoring this data over time can also be used for predictive maintenance and route optimization.

KEY REQUIREMENTS
- Absolute and reliable position feedback for precise movements
- Highest robustness against shock and wear of thousands of cycles
- High sample rate and resolution to optimize cylinder stroke and electronic cushioning

RECOMMENDED SENSOR MODELS
MH-Series MH
Embedded Cylinder Solution

MH-Series MH Safety
with SIL 2, conform to EN 61508

MH-Series MH Threaded
External Mount
MEETING THE CHALLENGES OF MOBILE HYDRAULIC APPLICATIONS

TOTAL CUSTOMER SATISFACTION

Our commitment at Temposonics is to consistently deliver quality products on time to meet your schedules and provide first-class service. Trust in our continuous product development of high-performance position sensors and rely on our highly qualified personnel. At Temposonics, we live by the promise of unparalleled service that enables us to take all available means to exceed your expectations. Our goal is to support you optimizing your productivity and we love the idea to make you save your valuable time!

If we can be of further assistance please let us know -

Your Temposonics Team