

## Compaction Speed in Side Loader Refuse Hydraulic Systems



### Eaton's system solution approach to compacting provides best in class productivity and economy!

<b>Current System</b>	<b>28s</b>
<b>Option 1</b>	<b>22s</b>
<b>Option 2</b>	<b>18s</b>
<b>Option 3</b>	<b>12s</b>

Compaction Times (shown in seconds)

Introducing a new concept in compaction technology. Eaton's technologies significantly improve productivity while lowering costs.

Eaton's experience in the refuse industry has led to the development of many time and fuel saving advancements. The latest of these is a compaction system available in multiple configurations.



#### Benefits

- Noise reduction
- Fuel savings
- Increased productivity
- Increased productivity through reduced compaction cycle times

### Did You Know?

A 4-6 month payback to the end user is possible in many refuse vehicles!

**Option 1:** Utilizes intelligent compaction system circuit design. The most common type of hydraulic compaction system in use today uses gear pumps operating at a constant displacement. This type of system is usually the least efficient, requiring large cooling capacity, and consuming extra fuel. The compaction cycle has the longest cycle time of any of the hydraulic subsystems. Through intelligent system design and component selection, Eaton offers compaction cylinder technology that reduces total cycle time for compaction.

**Option 2:** Features a unique pump technology to decrease compaction cycle times. Utilizing a two stage fixed displacement pump combined with the latest valve technology reduces the cycle time of compaction by 30% over conventional systems.

**Option 3:** Combines the latest system design techniques in both compaction cylinder and pump technologies to create the fastest compaction cycle available today. Eaton's expertise will help you improve your customers' experience by reducing noise in the neighborhood while allowing you to collect more refuse in less time.



Powering Business Worldwide

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