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**AMERICAS**

# Selecting a Landfill Compactor

Using a baseline of maintenance costs.

# Appropriate Machine Design

- Has the manufacturer designed the machine to minimize repair time?
- Has the manufacturer provided an easy, clean access to perform the required routine maintenance?
- Has the manufacturer designed the machine to minimize the "special" maintenance required in this application?
- Is the machine designed specifically for Landfill operation?

# Appropriate Machine Design

- Has the manufacturer designed the machine to minimize repair time?

# Repair Time

- All machines break.
- Is excessive cleaning time required prior to beginning the repair?
- Are components easily accessible?
- Do many other components need to be removed to access the problem?
- Is modular replacement of components available?
- **Are you spending more man-hours getting to the problem rather than repairing it?**

# Appropriate Machine Design

- Has the manufacturer provided an easy, clean access to perform the required routine maintenance?

# Required Routine Maintenance (preventative maintenance)

- All machines have necessary maintenance schedules that, with some variances, are very similar in cost.
- Is excessive cleaning necessary prior to beginning the service?
- Are the service points easily accessible with “quick” drains as standard equipment?
- Is daily/weekly lubrication of grease points necessary or is it automatic?
- **Any additional hours of labor in this category, unlike repairs, are based on machine hour intervals, not breakdowns, and WILL be part of the cost/hour of operation.**

# Appropriate Machine Design

- Has the manufacturer designed the machine to minimize the “special” maintenance required in this application?

# “Special” Maintenance

*How well does the design of the machine you will select deal with these very real, very time consuming and, over the life cycle, very costly issues?*

- Cleaning trash from inside machine to prevent fire.
- Frequency in cleaning the cooling package.
- Frequency in servicing air filters.
- Wire wrap and build-up behind the wheels.
- Wheel tooth build-up during seasonal conditions.
- Cab glass breakage from wheel carry-over.

# Appropriate Machine Design

- Is the machine designed specifically for Landfill operation?

# Appropriate Machine Design

- If we can honestly answer all the previous questions, we then have the answer to this one. A machine that is designed with consideration given for more efficiently servicing and maintaining the inherent problems for this application IS, IN FACT designed FOR this severe application.
- The ownership cost over the life cycle will be reduced equivalently to the savings of maintenance items and man-hours.
- **Most importantly, by having the Compactor spending it's time compacting, rather than being down for lengthy repairs and maintenance, simply saves air space which extends landfill life and costs less to own and operate.**

*When selecting a Landfill Compactor there are many considerations to determine which is the right machine for your site. Operator comfort, fuel consumption and compactive capabilities are just a few. Machine size needs to be matched to the capacity and flow of the incoming trash. Serious consideration must be also addressed regarding Product Support .*

*And of course, we all know that price is a determining factor. But as we have shown here, not all the money is always in the price. It is possible that an initially less expensive machine can be more expensive over the life-cycle. Careful scrutiny to all the factors will help you to make the best decision possible.*

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