

PRODUCT BULLETIN  
**ON-SITE WASTE HANDLING**

VOLVO WHEEL LOADERS

L120E

“ Volvo is the best wheel loader experience yet”  
- Dave Fritz (operator with 19 years experience)



Customer:

Homewood Disposal

Machine Serial Numbers:

L120E: 64076

Machine Hours:

L120E: 2028

Attachment Types:

Volvo 7.1 yd<sup>3</sup> light material bucket

Tires:

23.5x25 Polar Bear solid

Optional Equipment:

Single lever control, AC, Belly guards, headlight guard, tail-light guard, center hinge guard

**VOLVO**

# VOLVO L120E IN WASTE HANDLING



## Job Site

Customer: Homewood Disposal

Location: Chicago, Illinois

Homewood Disposal has been in operation for approximately 45 years. This site also has a sister site called Star Disposal also located in south Chicago. The production varies between seasons and the site operates 12 hours per day.

## Volvo Equipment On Site

This plant currently operates one Volvo L120E in the main transfer area, and one Volvo L70D in the recycling facility.

## Work Task

The Volvo L120E is loading 110 yd<sup>3</sup> (80000 lb. gross) highway trucks that transport the waste to the landfill. The trailers are positioned in a recess in the ground next to the dump/stockpiling area. The cycle time varies a lot but average is around 45 sec. Since the machine is equipped with a 7.1 yd<sup>3</sup> bucket it takes roughly 10 min to fill a trailer.

# VOLVO L120E IN WASTE HANDLING

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## L120E Operator

Dave Fritz has been operating heavy equipment for 19 years and has used various machines over the years.

- “Volvo is the best wheel loader experience yet”.

He is especially pleased with the operator comfort, single lever control, fuel consumption, bucket fill factor and tire wear.

## Operator comfort

- “I am not nearly as tired after a shift in the Volvo compared to the John Deere” (the facility also has a John Deere 644G loader).
- Regarding the single lever control he says: “I would not have it any other way”
- “This is the first machine where the AC has worked so well that I can’t have it on max”



## Fuel consumption

- “The first time I filled fuel I thought something was wrong. In the JD I usually fill 65 gallons but the Volvo only needed 39 gallons”.

This translates to a saving of \$7800 only in fuel over one year (one year = approx. 300 days, at \$1/gal fuel price).

## Tire wear, etc.

Dave has recognized that the Volvo, with 100% dog clutch, is very good on tire wear. He says that the Volvo loader only wears 1/3 of the tires used by the JD. He likes that he can choose when to engage the differential lock and not. With the limited slip axle, that the JD has, it is always on and the tire wear accelerates. This transfers to a significant cost saving over the life of the machine.

Dave likes the fill factor of the bucket and the bucket itself.

- “The Volvo bucket is much better than what is on the JD. It’s sturdy and no material comes through the spill guard and gets stuck in the linkage”

When asked if he would buy a Volvo wheel loader again Dave answers “YES!”

A few weeks after this site visit took place the company ordered a second L120E.

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*Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. Illustrations do not necessarily show the standard versions of the machines.*

# **VOLVO**

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