

SPOTLIGHT on MACHINERY-LEON MANURE SPREADER

Manufacturer: Leon's Manufacturing Company (LeonMFG)

Model: Silver Spreader® (SS) 375 Manure Spreader

Year of purchase: 2008

Introduction

Manure – A Sustainable Resource

Spreading manure on land is a highly desirable method of recycling a natural, organic by-product of livestock production. Land application of manure has many benefits:

- It is readily available on livestock operations with minimal energy input
- Many livestock operations are surrounded by large areas of productive agricultural land that can benefit from its use
- Land application can significantly decrease crop production costs (fertilizer) by providing plant nutrients, and
- Manure acts as a valuable soil amendment when properly managed by adding organic matter which improves soil tilth, structure, aeration, water holding and warming properties (organic matter affects soil color, reduces soil stickiness and helps to control soil erosion)

(http://www.nr.gov.nl.ca/nr/agrifoods/land_resources/envseries/slm050.pdf)

Operation

- Heaped capacity: 375 bu
- Box dimensions:
 - Width: 68" (173 cm)
 - Length: 168"
 - Depth: 37" (94 cm)
 - Volume: 238 level cu ft
- Maximum gross weight: 23,250 lb (10,568 kg)
- Recommendations
 - Start loading at front end and continue loading to the rear of the spreader
 - Load in the centre of the spreader and do not overload to one side or the other
 - If dirt, sand or clay is mixed with manure, reduce the volume accordingly
 - Remove foreign objects to prevent damage and injury
 - Break up large masses of long straw or frozen chunks prior to leading or even spreading

Tractor requirements

- Minimum tractor power: 60 HP
- Recommended tractor power (Manufacturer): >90 HP
- Power Take Off (PTO): 540 rpm or 1000 rpm
- Hydraulic connections: Two sets
- Hydraulic ejection speed: to 8 ft/min

Transport

- Weight (empty): 6575 lb
- Overall width (with std tires): 120" (10'; 305 cm)
- Overall length: 297" (24'9")
- Overall maximum height: 75" (191 cm)

- Example of appropriate tractor transport:
 - Hitch on tow bar, max speed 35 km/h
 - Example of appropriate trailer transport:
 - Load onto a trailer using a tractor
- *Please note that this equipment is too wide for a standard (8' wide) trailer

More info

Visit the [Manufacturer's webpage](https://www.leonsmfg.com/horizontal):
<https://www.leonsmfg.com/horizontal>

See a [Video](https://youtu.be/SZM0KAtZcu4):
<https://youtu.be/SZM0KAtZcu4>

Rental

For rental rates, visit [YAA website](http://www.yukonag.ca/equipment.cfm):
<http://www.yukonag.ca/equipment.cfm>.

Rental arrangements can be made through the YAA office; please note that YAA membership is a requirement for rental. For more information about rentals or membership, please contact the YAA office:
867-668-6864 or admin@yukonag.ca

