Liquid Manure Spreaders
and Tool Bars
For spreading all types of liquid manure
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Tool Bars Compatibility

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✓ Compatible  ❌ Incompatible  ▪ Special shorter design
Our Famous Spreader Tanks

For over 18 years, GEA Houle Inc. has designed and manufactured state-of-the-art spreader tanks. Now sold worldwide, they are recognized for their quality manufacturing, their reliability and durability. Discover the unique features that have made and continue to make this product a success!

Sweep Injectors

To inject the manure in a wide pattern close to the roots. Manure applied with minimum odour while maintaining the maximum concentration of nutrients.

- Heavy-duty pressurized tool bar with gauge wheel
- Individual adjustable springs on each injector
- Available with optional 20” coulter wheels
- Injectors available with 16” or 22 1/2” wide sweeps that gradually slice or cut open the ground for slurry injection

24” Hydraulic Disc Injectors

The tool bar with hydraulic discs injects liquid manure in all types of soil at a minimum speed of 5 mph (8 km/h) and a maximum depth of 6”. Each disc injector is connected to a hydraulic cylinder in order to better follow the contour of the field. This means, each injector adapts to uneven ground while maintaining its working depth not affecting the working depth of the other injectors.

The 12-foot wide tool bar provides a maximum spreading rate of:

- 5,000 US gal. per acre with 6 discs mounted at 24” centre to centre
- 6,700 US gal. per acre with 8 discs mounted at 18” centre to centre
Steerable Series Spreaders

Our directional spreader offers excellent manoeuvrability and control on all types of terrain. Its agility results in less ground impact when turning. Its exclusive hydraulic power-steering and superior quality suspension provide more resistance to obstacles.

The walls of the reservoir are made of high quality steel for long life expectancy. Baffles are installed inside the reservoir providing excellent liquid manure stability. As all of our line of equipment, our spreaders are coated with a layer of Epoxy primer and 2 layers of Urethane paint making them resistant to extreme conditions. Because we believe that a good product must be looked after, we have integrated several easily accessible lubricating points as well as openings for cleaning on top of the reservoir.

We offer also a selection of tires and a choice of brakes to meet all your needs. Many other options are offered with the goal of easing your daily tasks. Ask about them.

Basic equipment provided with the steerable spreader:

• Up-market hydraulic suspension
• Power steering system unique to GEA Houle
• Bearing housing and impeller
• Heavy-duty discharge pipe with anti-syphon
• Fill opening with protection grid
• Front fill indicator
• Drain system
• Swivel hitch
• Braided hydraulic hoses
• Integrated ladder
• 8” access door on top
• Hydraulic hose support
• Anti-skid strip on top of spreader
• Jack
• Wheel wrench

Tool Bars

16” Disc Cultivator

To apply manure on growing corn fields at a time when the plants need nutrients the most. Recommended for fields with crop residue.

• The pressurized tool bar maintains a constant load on the discs to better follow the contour of the terrain
• Discs lightly work the soil between rows of corn without disturbing the root system
• Folding ends option available
• Available with 4, 5, 6 or 8 sets of 16” discs

S-Tine Cultivator

To apply manure on growing corn fields at a time when the plants need nutrients the most. Recommended for fields free of rocks with minimum crop residue.

• Tool bar with 4, 5, 6 or 8 floating cultivators
• Adjustable gauge wheels and cultivating width
• Aerates and fertilizes the soil between rows
• Helps control weeds
• Folding ends option available
Tool Bars

Tool Bar with Ground Surface Flex Drop Hoses
Low spreading tool bar to apply manure by gravity directly onto the ground, reducing odour to a minimum. Spreads evenly under windy conditions.

- Tool bar available with 12 or 16 hoses for spreading 15 or 20 feet wide
- Folding ends option available

22” Concave Disc Incorporator
Fast spreading while using less tractor power than conventional injectors. Very efficient on harvested fields with a large quantity of crop residue (corn, beans, etc.)

- The pressurized tool bar maintains a constant load on the discs to better follow the contour of the terrain
- Incorporates manure with the top layer of the soil while reducing odours and maximum fertilizing value of the manure
- Folding ends option available

Power Steering System
The GEA Houle power steering patented system is unique in that it matches the turning angle of the tractor. The operator can disengage the power steering system to improve stability while traveling on the road. When disengaged, the wheels are maintained parallel to the reservoir by means of heavy-duty compression springs.

- Ensures a safer operation
- Reduces damage to vegetation and eliminate strain on spreader hubs, axles and chassis
- Is protected by a spring-loaded mechanism

Heavy-Duty Power Steering Swivel Hitch
Our heavy-duty power steering swivel hitch adapts to different types of tractor tow bar. Available with a 3” or 3 ½” pivot shaft.
Hydraulic Suspension

The 12” stroke suspension allows for smoother travel over irregular terrain and reduces stress to the reservoir.

Suspension Design

Suspension cylinders are located close to the centre of gravity of the reservoir. When the spreader is full, this unique design reduces excessive load variations on the drawbar and improves the tractor traction.

Rigid transaxles, in combination with suspension cylinders mounted close to the wheels, reduce the “rebound effect” commonly experienced on rough roads.

- Axles are attached under the tank by 4 sway bars and 1 cross member mounted on rubber bushings.
- Suspension cylinders provide equal weight distribution on each wheel.
- The steerable axles/chromed king pins are mounted with greaseable brass bushings. Bolted axles are easy to remove.

Optional Weight Transfer System

The weight transfer system is operated on demand by the operator to increase the tractor traction as needed.

38-foot Tool Bar with Three Deflectors

The only tool bar designed to evenly spread thick liquid manure containing long fibrous material.

- Equipped with large 6” and 8” pipes, the 38-foot tool bar spreads thick liquid manure containing long fibrous material at a rate up to 1,800 US gpm
- Unfolding the tool bar and adjusting the height is easily done from inside the tractor
- The deflectors of the 38-foot tool bar are fed by gravity, reducing odour to a minimum
- Depending on manure consistency, the width of spreading is set by sizing the deflectors outlet and by adjusting the height of the tool bar

Low Spreading Tool Bar with Deflectors

Low spreading tool bar to apply manure by gravity, reducing odour to a minimum.

- Available with 5 or 6 deflectors for spreading 25 or 27 feet wide
- The tool bar folds up quickly for road travel
- Deflectors are designed to provide uniform spreading
- Folding ends option available

Tool Bars
Tandem Series Spreaders

Combining lightness and strength, the tandem spreader remains an economical choice. Also appreciated for its effectiveness, it is manufactured with the same quality as the directional spreader.

The GEA Houle tandem axle is closed by a full length central tube, providing more resistance to twisting than the conventional open tandem axles. Its specific “V” shape design lowers the reservoir, thereby reducing the height of the centre of gravity for greater stability. The wheels are located closer to the reservoir reducing the flex on the axle. The mounting system of the adjustable tandem under the tank can move the wheels forward to decrease the load on the drawbar or back to increase the load.

Basic equipment provided with the tandem spreader:
- Heavy-duty tandem axle
- Bearing housing and impeller
- Heavy-duty discharge pipe with anti-syphon
- Fill opening with protective grid
- Front fill indicator
- Drain system
- Braided hydraulic hoses
- Integrated ladder
- 8” access door on top
- Hydraulic hose support
- Anti-skid strip on top of the spreader
- Jack
- Wheel wrench

Tool Bars

We offer a wide selection of tool bars providing easiness and accrued work performances. Each tool bar is designed for specific tasks and designed to reduce odours and spatter.

Manure Distributor

Our tool bars are provided with a high performance distributor with a-top gravity discharge ensuring an even flow at each outlet.

Note: The manure distributor is not provided with the 38-foot tool bar.
Hubs and Optional Brakes

18,000 lbs Heavy-Duty Hub
Certain types of terrain are hard on solicited parts. Therefore, we designed and manufactured a hub exclusive to GEA Houle to meet the toughest demands.

Our heavy-duty hub is made of ductile cast iron providing more resistance and an increased life span. The bearing position gives a better loading charge at the hub.

Disc Brakes
Our hydraulic disc brakes comes with 2 calipers for intensive duty and ensure good braking capacity. Our system is extremely reliable and easy to maintain. Provided with a master cylinder and a pressure regulator for the disc brake system.

Air Brakes
Our air braking system is designed to improve safety and to guarantee maximum braking power.

These brakes can achieve up to 14.75 feet/sec² of deceleration and meet ASABE standards.

Brakes that give a maximum braking stability and high performance in any type of terrain.

Options

- Steel fenders and rubber mudguards
- Four jacks with telescopic extensions for storage
- Abrasion resistant steel pump
- 40 gpm hydraulic motor
- Mechanical drive
- 18” hopper over fill opening
- Flapper door on fill opening
- Hydraulic sliding door on fill opening
- Nursing kit
- In-tank recirculation kit
- Powerful halogen beam
- Roll-off system

Truck Mount Spreader - Specifications
Truck Mount Spreader

Our truck mount spreader is designed to be custom-made for a wide range of vehicles. The tank is made of 1/4" thick steel providing a long lifespan. The low profile tanks provide maximum visibility and great stability. As all of our line of spreader tanks, the truck mount spreader offer many options to meet customer requirements.

Basic equipment provided with the truck mount spreader:

- Bearing housing and impeller
- Fill opening with protective grid
- Front fill indicator
- Drain system
- Integrated ladder
- 8" access door on top
- Anti-skid strip on top of spreader
- Spring-loaded mounted brackets

Tires and Wheels

Tires on GEA Houle spreaders offer good quality price ratio while reducing soil compaction to a minimum. Tires available for each model of spreader are listed in the specifications.

Galaxy 850/50 X32
with 27 X 32 rim
10-3/4" bolts

Alliance 850/50-30.5
with 28 X 30.5 rim
10-3/4" bolts

Goodyear 28L X 26
with 25 X 26 rim
10-3/4" bolts

Galaxy 725/65 X26
with 25 X 26 rim
10-3/4" bolts

Alliance 28L X 26
with 25 X 26 rim
10-3/4" bolts

Goodyear 23.1L X 26
with 20 X 26 rim
16-3/4" bolts

Goodyear 18.4L X 26
with 16 X 26 rim
10-3/4" bolts

Goodyear 21.5L X 16.1
with 16 X 16.1 rim
10-3/4" bolts or 8-5/8" bolts

Goodyear 16.5L X 16.1
with 14 X 16.1 rim
8-5/8" bolts
Options

Mudguard
The mudguard blocks splashing mud, water, etc, and keep your spreader cleaner. Made of steel for a long life span.

In-Tank Recirculation Kit
The recirculation kit maintains the homogeneity of liquid manure when traveling on long distances. It uses the impeller pump to agitate manure inside the spreader.

Note: Other options may be required for manure containing sand.

Self-Loading
Designed to pump liquid manure from another spreader.
The optional primer pump is designed to pump very liquid manure without long fibrous material.

Note: available for the EL48, EL54, and EL84 series

Articulated Suction Pipe
(for self-loading with primer pump)
The operation of all equipment required for self-loading can be activated directly from the tractor thus reducing the setup time. It is faster, more efficient and easier to operate.

Nursing Kit
The nursing kit allows an easy transfer into another manure spreader. An economical system that saves time!

EL66 Spreaders

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Max. consistency: 1"
# Tandem Series Spreaders - Specifications

## EL84 Spreaders

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<td>tandem 3-1/2&quot;</td>
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<td>131</td>
<td>88</td>
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<tr>
<td></td>
<td>18.4 X 26</td>
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<td>14</td>
<td>137</td>
<td>88</td>
<td>104</td>
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<tr>
<td></td>
<td>23.1 X 26</td>
<td>tandem 3-1/2&quot;</td>
<td>14</td>
<td>136</td>
<td>88</td>
<td>106</td>
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<td>28.6 X 26</td>
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<td>88</td>
<td>108</td>
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<td></td>
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<td>14</td>
<td>147</td>
<td>88</td>
<td>108</td>
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<tr>
<td>EL84-3000 4,600 US gal 16.970 tons</td>
<td>21.5 X 16.5</td>
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<td>88</td>
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<td>16</td>
<td>147</td>
<td>88</td>
<td>108</td>
</tr>
<tr>
<td></td>
<td>28.6 X 26</td>
<td>tandem 4&quot;</td>
<td>16</td>
<td>147</td>
<td>88</td>
<td>108</td>
</tr>
</tbody>
</table>

## EL84-4000 6,000 US gal 22.970 tons | 28.6 X 26 | tandem 4" | 26 | 147 | 90 | 112 | 13,380 |
| | 28.6 X 26 | tandem 4" | 26 | 147 | 90 | 112 | 13,608 |

## EL84-4500 7,750 US gal 27.160 tons | 28.6 X 26 | tandem 4" | 26 | 147 | 90 | 112 | 14,740 |

## EL84-5000 9,500 US gal 31.360 tons | 28.6 X 26 | tandem 4" | 26 | 147 | 91 | 119 | 15,538 |

## EL54 Spreaders

<table>
<thead>
<tr>
<th>Model Capacity</th>
<th>Tires</th>
<th>Axle</th>
<th>Length (feet)</th>
<th>Width (inches)</th>
<th>Height (inches)</th>
<th>Weight (lbs)</th>
</tr>
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<tbody>
<tr>
<td>EL54-2800 3,350 US gal 12.700 tons</td>
<td>18.4 X 26</td>
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<td>139</td>
<td>97</td>
<td>112</td>
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<td></td>
<td>23.1 X 26</td>
<td>tandem 4&quot;</td>
<td>20</td>
<td>133</td>
<td>97</td>
<td>113</td>
</tr>
<tr>
<td></td>
<td>28.6 X 26</td>
<td>tandem 4&quot;</td>
<td>20</td>
<td>118</td>
<td>97</td>
<td>114</td>
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<tr>
<td></td>
<td>725/65 x26</td>
<td>simple 4&quot;</td>
<td>20</td>
<td>148</td>
<td>97</td>
<td>114</td>
</tr>
<tr>
<td></td>
<td>28.6 X 26</td>
<td>tandem 4&quot;</td>
<td>20</td>
<td>118</td>
<td>97</td>
<td>114</td>
</tr>
<tr>
<td>EL54-3200 3,850 US gal 14.350 tons</td>
<td>23.1 X 26</td>
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<td>22</td>
<td>113</td>
<td>97</td>
<td>113</td>
</tr>
<tr>
<td></td>
<td>28.6 X 26</td>
<td>tandem 4&quot;</td>
<td>22</td>
<td>118</td>
<td>97</td>
<td>114</td>
</tr>
<tr>
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<td>725/65 x26</td>
<td>tandem 4&quot;</td>
<td>22</td>
<td>118</td>
<td>97</td>
<td>114</td>
</tr>
<tr>
<td>EL54-3600 4,300 US gal 16.350 tons</td>
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<td>24</td>
<td>113</td>
<td>97</td>
<td>113</td>
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<td></td>
<td>28.6 X 26</td>
<td>tandem 4&quot;</td>
<td>24</td>
<td>118</td>
<td>97</td>
<td>114</td>
</tr>
<tr>
<td></td>
<td>725/65 x26</td>
<td>tandem 4&quot;</td>
<td>24</td>
<td>118</td>
<td>97</td>
<td>114</td>
</tr>
<tr>
<td>EL54-4000 4,800 US gal 18.200 tons</td>
<td>28.6 X 26</td>
<td>tandem 4&quot;</td>
<td>26</td>
<td>110</td>
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<td>114</td>
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<td></td>
<td>725/65 x26</td>
<td>tandem 4&quot;</td>
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<td>EL54-4400 5,350 US gal 20.200 tons</td>
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<td>119</td>
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<tr>
<td></td>
<td>725/65 x26</td>
<td>tandem 4&quot;</td>
<td>26</td>
<td>118</td>
<td>98</td>
<td>119</td>
</tr>
<tr>
<td>EL54-5000 6,000 US gal 22.750 tons</td>
<td>28.6 X 26</td>
<td>tandem 4&quot;</td>
<td>28</td>
<td>118</td>
<td>98</td>
<td>119</td>
</tr>
<tr>
<td></td>
<td>725/65 x26</td>
<td>tandem 4&quot;</td>
<td>28</td>
<td>118</td>
<td>98</td>
<td>119</td>
</tr>
</tbody>
</table>

### Hopper Over Fill Opening

The 18” high tapered hopper over the fill opening provides easier positioning under the loading pipe. Comes with a protective grid.

### Flapper Door on Fill Opening

An automatic spring-loaded flapper door system to prevent splash.

### Hydraulic Sliding Door on Fill Opening

The hydraulic sliding door facilitates closing the fill opening of the spreader using the tractor hydraulic controls. Includes air vent to evacuate gases.

### Signal Lights

The signal lights increase visibility and safety on the road. The LED efficiency offers longlife and shock resistance. Built in an air sealed housing resisting dirt, dust & moisture. Adjustable width and height to meet road regulations of your area.

### Powerful Halogen Beam Light

A beam pattern with broad coverage providing sufficient lumens to work in the dark. Housing is made of resistant ABS. Available in multiple mounting options.
### Steerable Series Spreaders - Specifications

#### EL48-8D Spreaders

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Tires</th>
<th>Length (feet)</th>
<th>Width (inch)</th>
<th>Height (inch)</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL48-8D-7400</td>
<td>33 650 litres</td>
<td>26 X 26</td>
<td>36 30</td>
<td>113 99</td>
<td>125</td>
<td>23 104</td>
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<tr>
<td>EL48-8D-7900</td>
<td>35 900 litres</td>
<td>26 X 26</td>
<td>38 32</td>
<td>113 99</td>
<td>125</td>
<td>23 620</td>
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<tr>
<td>EL48-8D-4000</td>
<td>18 200 litres</td>
<td>26 X 26</td>
<td>24 18</td>
<td>109 97</td>
<td>113</td>
<td>13 845</td>
</tr>
<tr>
<td>EL48-8D-4350</td>
<td>19 750 litres</td>
<td>26 X 26</td>
<td>26 20</td>
<td>113 97</td>
<td>115</td>
<td>14 273</td>
</tr>
<tr>
<td>EL48-8D-4800</td>
<td>21 800 litres</td>
<td>28 X 26</td>
<td>28 22</td>
<td>113 98</td>
<td>119</td>
<td>15 853</td>
</tr>
</tbody>
</table>

#### EL48-6D Spreaders

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Tires</th>
<th>Length (feet)</th>
<th>Width (inch)</th>
<th>Height (inch)</th>
<th>Weight (lbs)</th>
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<tbody>
<tr>
<td>EL48-6D-3600</td>
<td>4,300 US gal</td>
<td>26 X 26</td>
<td>24 18</td>
<td>109 97</td>
<td>113</td>
<td>13 467</td>
</tr>
<tr>
<td>EL48-6D-4000</td>
<td>4,800 US gal</td>
<td>26 X 26</td>
<td>26 20</td>
<td>113 97</td>
<td>115</td>
<td>15 816</td>
</tr>
<tr>
<td>EL48-6D-4350</td>
<td>5,250 US gal</td>
<td>26 X 26</td>
<td>28 22</td>
<td>113 98</td>
<td>119</td>
<td>17 015</td>
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<tr>
<td>EL48-6D-4800</td>
<td>5,800 US gal</td>
<td>28 X 28</td>
<td>30 24</td>
<td>113 98</td>
<td>119</td>
<td>17 653</td>
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#### EL48-4D Spreaders

<table>
<thead>
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<th>Capacity</th>
<th>Tires</th>
<th>Length (feet)</th>
<th>Width (inch)</th>
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<th>Weight (lbs)</th>
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<tbody>
<tr>
<td>EL48-4D-3200</td>
<td>3,850 US gal</td>
<td>26 X 26</td>
<td>24 18</td>
<td>109 97</td>
<td>113</td>
<td>10 994</td>
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<tr>
<td>EL48-4D-3600</td>
<td>4,300 US gal</td>
<td>26 X 26</td>
<td>26 20</td>
<td>113 97</td>
<td>115</td>
<td>13 143</td>
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<tr>
<td>EL48-4D-4000</td>
<td>4,800 US gal</td>
<td>28 X 28</td>
<td>28 22</td>
<td>113 98</td>
<td>120</td>
<td>15 707</td>
</tr>
<tr>
<td>EL48-4D-4350</td>
<td>5,250 US gal</td>
<td>28 X 28</td>
<td>30 24</td>
<td>113 98</td>
<td>123</td>
<td>18 263</td>
</tr>
</tbody>
</table>

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The right choice.
### Steerable Series Spreaders - Specifications

#### EL48-8D Spreaders

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Tires</th>
<th>Length (feet)</th>
<th>Width (inch)</th>
<th>Height (inch)</th>
<th>Weight (lbs)</th>
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</thead>
<tbody>
<tr>
<td>EL48-8D-7400</td>
<td>8,800 US gal</td>
<td>33 650 litres</td>
<td>23.1 X 26</td>
<td>36 30</td>
<td>113 99</td>
<td>125</td>
</tr>
<tr>
<td>EL48-8D-7900</td>
<td>9,500 US gal</td>
<td>35 900 litres</td>
<td>23.1 X 26</td>
<td>38 32</td>
<td>113 99</td>
<td>125</td>
</tr>
<tr>
<td>EL48-8D-4D</td>
<td>4,800 US gal</td>
<td>16 180 litres</td>
<td>18.4 X 26</td>
<td>24 24</td>
<td>109 97</td>
<td>113</td>
</tr>
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</table>

#### EL48-6D Spreaders

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Tires</th>
<th>Length (feet)</th>
<th>Width (inch)</th>
<th>Height (inch)</th>
<th>Weight (lbs)</th>
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<tbody>
<tr>
<td>EL48-6D-3600</td>
<td>4,300 US gal</td>
<td>16 350 litres</td>
<td>23.1 X 26</td>
<td>26 20</td>
<td>113 97</td>
<td>115</td>
</tr>
<tr>
<td>EL48-6D-4000</td>
<td>4,800 US gal</td>
<td>18 200 litres</td>
<td>23.1 X 26</td>
<td>28 22</td>
<td>113 98</td>
<td>119</td>
</tr>
<tr>
<td>EL48-6D-4350</td>
<td>5,250 US gal</td>
<td>19 750 litres</td>
<td>23.1 X 26</td>
<td>30 24</td>
<td>113 98</td>
<td>119</td>
</tr>
<tr>
<td>EL48-6D-4800</td>
<td>5,800 US gal</td>
<td>21 800 litres</td>
<td>23.1 X 26</td>
<td>34 28</td>
<td>113 98</td>
<td>119</td>
</tr>
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</table>

#### EL48-4D Spreaders

<table>
<thead>
<tr>
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<th>Capacity</th>
<th>Tires</th>
<th>Length (feet)</th>
<th>Width (inch)</th>
<th>Height (inch)</th>
<th>Weight (lbs)</th>
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<tbody>
<tr>
<td>EL48-4D-3200</td>
<td>3,850 US gal</td>
<td>14 350 litres</td>
<td>23.1 X 26</td>
<td>22 16</td>
<td>119 97</td>
<td>113</td>
</tr>
<tr>
<td>EL48-4D-3600</td>
<td>4,300 US gal</td>
<td>16 350 litres</td>
<td>23.1 X 26</td>
<td>24 18</td>
<td>119 97</td>
<td>114</td>
</tr>
<tr>
<td>EL48-4D-4000</td>
<td>4,800 US gal</td>
<td>18 200 litres</td>
<td>23.1 X 26</td>
<td>26 20</td>
<td>113 97</td>
<td>115</td>
</tr>
<tr>
<td>EL48-4D-4350</td>
<td>5,250 US gal</td>
<td>19 750 litres</td>
<td>23.1 X 26</td>
<td>28 22</td>
<td>119 98</td>
<td>119</td>
</tr>
</tbody>
</table>

**Tires**: A - 850/50 X 30.5, B - 725/65 X 26, C - 725/65 X 26

**Dimensions**:
- **Length (feed)**: A = 26 20, B = 24 24, C = 22 28
- **Width (inch)**: A = 113 97, B = 123 97, C = 137 98
- **Height (inch)**: A = 115 97, B = 115 97, C = 118 98

**Weights**:
- **EL48-8D**: 13 845 lbs
- **EL48-6D**: 14 273 lbs
- **EL48-4D**: 15 747 lbs
## Tandem Series Spreaders - Specifications

### EL84 Spreaders

<table>
<thead>
<tr>
<th>Model Capacity</th>
<th>Tires</th>
<th>Axle</th>
<th>Length (front &amp; back)</th>
<th>Width (front &amp; back)</th>
<th>Height (A &amp; B)</th>
<th>Weight (lbs)</th>
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<td>11.970 tons</td>
<td>tandem 4&quot;</td>
<td>20 147 88 104</td>
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<td>113 104</td>
<td>9 509</td>
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<tr>
<td>EL84-3000</td>
<td>3.600 US gal</td>
<td>tandem 3-1/2&quot;</td>
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<td>16 136 88 106</td>
<td>113 106</td>
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<td></td>
<td>13.690 tons</td>
<td>tandem 4&quot;</td>
<td>20 147 88 108</td>
<td>20 147 88 108</td>
<td>113 108</td>
<td>10 832</td>
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<td></td>
<td>16.160 tons</td>
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<td>20 147 88 108</td>
<td>20 147 88 108</td>
<td>113 108</td>
<td>11 180</td>
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<tr>
<td>EL84-4000</td>
<td>4.800 US gal</td>
<td>tandem 3-1/2&quot;</td>
<td>16 136 88 108</td>
<td>16 136 88 108</td>
<td>113 108</td>
<td>11 180</td>
</tr>
<tr>
<td></td>
<td>19.200 tons</td>
<td>tandem 4&quot;</td>
<td>20 147 88 108</td>
<td>20 147 88 108</td>
<td>113 108</td>
<td>11 180</td>
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</table>

### EL54 Spreaders

<table>
<thead>
<tr>
<th>Model Capacity</th>
<th>Tires</th>
<th>Axle</th>
<th>Length (front &amp; back)</th>
<th>Width (front &amp; back)</th>
<th>Height (A &amp; B)</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL54-2800</td>
<td>3,350 US gal</td>
<td>tandem 4&quot;</td>
<td>20 169 97 112</td>
<td>20 169 97 112</td>
<td>113 112</td>
<td>10 437</td>
</tr>
<tr>
<td></td>
<td>12,700 tons</td>
<td>tandem 4&quot;</td>
<td>20 169 97 112</td>
<td>20 169 97 112</td>
<td>113 112</td>
<td>10 437</td>
</tr>
<tr>
<td>EL54-3200</td>
<td>3,850 US gal</td>
<td>tandem 4&quot;</td>
<td>22 113 97 113</td>
<td>22 113 97 113</td>
<td>113 113</td>
<td>11 903</td>
</tr>
<tr>
<td></td>
<td>14,550 tons</td>
<td>tandem 4&quot;</td>
<td>22 113 97 113</td>
<td>22 113 97 113</td>
<td>113 113</td>
<td>11 903</td>
</tr>
<tr>
<td>EL54-3600</td>
<td>4,300 US gal</td>
<td>tandem 4&quot;</td>
<td>24 118 97 114</td>
<td>24 118 97 114</td>
<td>114 114</td>
<td>12 394</td>
</tr>
<tr>
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<td>16,350 tons</td>
<td>tandem 4&quot;</td>
<td>24 118 97 114</td>
<td>24 118 97 114</td>
<td>114 114</td>
<td>12 394</td>
</tr>
<tr>
<td>EL54-4000</td>
<td>4,800 US gal</td>
<td>tandem 4&quot;</td>
<td>26 118 97 114</td>
<td>26 118 97 114</td>
<td>114 114</td>
<td>14 409</td>
</tr>
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<td></td>
<td>19,200 tons</td>
<td>tandem 4&quot;</td>
<td>26 118 97 114</td>
<td>26 118 97 114</td>
<td>114 114</td>
<td>14 409</td>
</tr>
<tr>
<td>EL54-4450</td>
<td>5,350 US gal</td>
<td>tandem 4&quot;</td>
<td>26 118 98 119</td>
<td>26 118 98 119</td>
<td>119 119</td>
<td>15 399</td>
</tr>
<tr>
<td></td>
<td>20,200 tons</td>
<td>tandem 4&quot;</td>
<td>26 118 98 119</td>
<td>26 118 98 119</td>
<td>119 119</td>
<td>15 399</td>
</tr>
<tr>
<td>EL54-5000</td>
<td>6,000 US gal</td>
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<td>28 118 98 119</td>
<td>119 119</td>
<td>15 538</td>
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<td>22,750 tons</td>
<td>tandem 4&quot;</td>
<td>28 118 98 119</td>
<td>28 118 98 119</td>
<td>119 119</td>
<td>15 538</td>
</tr>
</tbody>
</table>

### Hopper Over Fill Opening

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An automatic spring-loaded flapper door system to prevent splash.

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The signal lights increase visibility and safety on the road. The LED efficiency offers longlife and shock resistance. Built in an air sealed housing resisting dirt, dust & moisture. Adjustable width and height to meet road regulations of your area.

### Powerful Halogen Beam Light

A beam pattern with broad coverage providing sufficient lumens to work in the dark. Housing is made of resistant ABS. Available in multiple mounting options.
Options

Mudguard
The mudguard blocks splashing mud, water, etc. and keep your spreader cleaner. Made of steel for a long life span.

In-Tank Recirculation Kit
The recirculation kit maintains the homogeneity of liquid manure when traveling on long distances. It uses the impeller pump to agitate manure inside the spreader.

Note: Other options may be required for manure containing sand.

Self-Loading
Designed to pump liquid manure from another spreader.

The optional primer pump is designed to pump very liquid manure without long fibrous material.

Note: available for the EL48, EL54, and EL84 series.

Articulated Suction Pipe
(for self-loading with primer pump)
The operation of all equipment required for self-loading can be activated directly from the tractor thus reducing the setup time. It is faster, more efficient and easier to operate.

Nursing Kit
The nursing kit allows an easy transfer into another manure spreader. An economical system that saves time.

EL66 Spreaders

<table>
<thead>
<tr>
<th>Model capacity</th>
<th>Tires</th>
<th>Axle</th>
<th>Length (in)</th>
<th>Width (in)</th>
<th>Height (in)</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL66-1950 2,350 US gal 6,780 litres</td>
<td>16.5L X 16.1 21.5L X 16.1 23.1 X 26</td>
<td>tandem 3&quot; tandem 3&quot; single 3-1/2&quot;</td>
<td>18 12</td>
<td>107 72</td>
<td>100</td>
<td>6,074</td>
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<tr>
<td>EL66-2250 2,700 US gal 7,920 litres</td>
<td>16.5L X 16.1 21.5L X 16.1 18.4 X 26 23.1 X 26 28L X 26 725/65 X 26</td>
<td>tandem 3&quot; tandem 3&quot; tandem 3-1/2&quot; tandem 3-1/2&quot; single 4&quot; single 4&quot;</td>
<td>20 14</td>
<td>113 72</td>
<td>101</td>
<td>6,892</td>
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<tr>
<td>EL66-2650 3,150 US gal 9,450 litres</td>
<td>16.5L X 16.1 21.5L X 16.1 18.4 X 26 23.1 X 26 28L X 26 725/65 X 26</td>
<td>tandem 3-1/2&quot; tandem 4&quot; tandem 4&quot; single 4&quot; single 4&quot; single 4&quot;</td>
<td>22 16</td>
<td>118 72</td>
<td>104</td>
<td>7,593</td>
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<tr>
<td>EL66-3000 3,600 US gal 11,000 litres</td>
<td>21.5L X 16.1 23.1 X 26</td>
<td>tandem 3-1/2&quot; tandem 4&quot;</td>
<td>22 16</td>
<td>129 72</td>
<td>100</td>
<td>7,703</td>
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<td>EL66-3400 4,050 US gal 12,450 litres</td>
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<td>tandem 4&quot;</td>
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<td>EL66-3750 4,500 US gal 17,000 litres</td>
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<td>tandem 4&quot;</td>
<td>24 18</td>
<td>118 75</td>
<td>114</td>
<td>11,122</td>
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</table>
Tires and Wheels

Tires on GEA Houle spreaders offer good quality price ratio while reducing soil compaction to a minimum. Tires available for each model of spreader are listed in the specifications.

Galaxy 850/50 X32
with 27 X 32 rim
10-3/4” bolts

Alliance 850/50-30.5
with 28 X 30.5 rim
10-3/4” bolts

Galaxy 725/65 X26
with 25 X 26 rim
10-3/4” bolts

Galaxy 88\5/\0 X32
with 28 X 35 rim
10-3/4” bolts

Alliance 28L X 26
with 25 X 26 rim
10-3/4” bolts

Goodyear 28L X 26
with 25 X 26 rim
10-3/4” bolts

Goodyear 23.1L X 26
with 20 X 26 rim
16-34” bolts

Goodyear 18.4L X 26
with 16 X 26 rim
10-3/4” bolts

Goodyear 21.5L X 16.1
with 18 X 16.1 rim
10-3/4” bolts
or 8-5/8” bolts

Goodyear 16.5L X 16.1
with 14 X 16.1 rim
8-5/8” bolts

Truck Mount Spreader

Our truck mount spreader is designed to be custom-made for a wide range of vehicles. The tank is made of 1/4” thick steel providing a long lifespan. The low profile tanks provide maximum visibility and great stability. As all of our line of spreader tanks, the truck mount spreader offer many options to meet customer requirements.

Basic equipment provided with the truck mount spreader:

- Bearing housing and impeller
- Fill opening with protective grid
- Front fill indicator
- Drain system

- Integrated ladder
- 8” access door on top
- Anti-skid strip on top of spreader
- Spring-loaded mounted brackets

Basic equipment provided with the truck mount spreader:

- Bearing housing and impeller
- Fill opening with protective grid
- Front fill indicator
- Drain system

- Integrated ladder
- 8” access door on top
- Anti-skid strip on top of spreader
- Spring-loaded mounted brackets
Hubs and Optional Brakes

18,000 lbs Heavy-Duty Hub
Certain types of terrain are hard on solicited parts. Therefore, we designed and manufactured a hub exclusive to GEA Houle to meet the toughest demands.

Our heavy-duty hub is made of ductile cast iron providing more resistance and an increased life span. The bearing position gives a better loading charge at the hub.

Disc Brakes
Our hydraulic disc brakes comes with 2 calipers for intensive duty and ensure good braking capacity. Our system is extremely reliable and easy to maintain. Provided with a master cylinder and a pressure regulator for the disc brake system.

Air Brakes
Our air braking system is designed to improve safety and to guarantee maximum braking power.

These brakes can achieve up to 14.75 feet/sec² of deceleration and meet ASABE standards.

Brakes that give a maximum braking stability and high performance in any type of terrain.

Options

• Steel fenders and rubber mudguards
• Four jacks with telescopic extensions for storage
• Abrasion resistant steel pump
• 40 gpm hydraulic motor
• Mechanical drive
• 18” hopper over fill opening

• Flapper door on fill opening
• Hydraulic sliding door on fill opening
• Nursing kit
• In-tank recirculation kit
• Powerful halogen beam
• Roll-off system

Disc Brakes

Truck Mount Spreader - Specifications

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<tr>
<th>Model</th>
<th>Capacity</th>
<th>Length (feet)</th>
<th>Width (inch)</th>
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<td>2,280 US gal.</td>
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<td>ELC-2250</td>
<td>2,700 US gal.</td>
<td>12</td>
<td>88</td>
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<td>ELC-2650</td>
<td>3,150 US gal.</td>
<td>14</td>
<td>88</td>
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<td>ELC-3000</td>
<td>3,600 US gal.</td>
<td>16</td>
<td>88</td>
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<td>ELC-2650</td>
<td>3,150 US gal.</td>
<td>14</td>
<td>88</td>
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<td>ELC-3100</td>
<td>3,720 US gal.</td>
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<td>ELC-3550</td>
<td>4,250 US gal.</td>
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<td>4,200 US gal.</td>
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<td>ELC-4000</td>
<td>4,800 US gal.</td>
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<td>90</td>
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<td>ELC-4500</td>
<td>5,400 US gal.</td>
<td>18</td>
<td>90</td>
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</table>
Tandem Series Spreaders

Combining lightness and strength, the tandem spreader remains an economical choice. Also appreciated for its effectiveness, it is manufactured with the same quality as the directional spreader.

The GEA Houle tandem axle is closed by a full length central tube, providing more resistance to twisting than the conventional open tandem axles. Its specific “V” shape design lowers the reservoir, thereby reducing the height of the centre of gravity for greater stability. The wheels are located closer to the reservoir reducing the flex on the axle. The mounting system of the adjustable tandem under the tank can move the wheels forward to decrease the load on the drawbar or back to increase the load.

Basic equipment provided with the tandem spreader:
- Heavy-duty tandem axle
- Bearing housing and impeller
- Heavy-duty discharge pipe with anti-syphon
- Fill opening with protective grid
- Front fill indicator
- Drain system
- Braided hydraulic hoses
- Integrated ladder
- 8” access door on top
- Hydraulic hose support
- Anti-skid strip on top of the spreader
- Jack
- Wheel wrench

Tandem Series Spreaders

Combining lightness and strength, the tandem spreader remains an economical choice. Also appreciated for its effectiveness, it is manufactured with the same quality as the directional spreader.

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Basic equipment provided with the tandem spreader:
- Heavy-duty tandem axle
- Bearing housing and impeller
- Heavy-duty discharge pipe with anti-syphon
- Fill opening with protective grid
- Front fill indicator
- Drain system
- Braided hydraulic hoses

Manure Distributor

Our tool bars are provided with a high performance distributor with a-top gravity discharge ensuring an even flow at each outlet.

Note: The manure distributor is not provided with the 38-foot tool bar.

We offer a wide selection of tool bars providing easiness and accrued work performances. Each tool bar is designed for specific tasks and designed to reduce odours and spatter.

Tool Bars

Manure Distributor

Our tool bars are provided with a high performance distributor with a-top gravity discharge ensuring an even flow at each outlet.

Note: The manure distributor is not provided with the 38-foot tool bar.

We offer a wide selection of tool bars providing easiness and accrued work performances. Each tool bar is designed for specific tasks and designed to reduce odours and spatter.
**Hydraulic Suspension**

The 12” stroke suspension allows for smoother travel over irregular terrain and reduces stress to the reservoir.

**Suspension Design**

Suspension cylinders are located close to the centre of gravity of the reservoir. When the spreader is full, this unique design reduces excessive load variations on the drawbar and improves the tractor traction.

Rigid transaxles, in combination with suspension cylinders mounted close to the wheels, reduce the “rebound effect” commonly experienced on rough roads.

- Axles are attached under the tank by 4 sway bars and 1 cross member mounted on rubber bushings.
- Suspension cylinders provide equal weight distribution on each wheel.
- The steerable axle(s) chromed king pins are mounted with greasable brass bushings. Bolted axles are easy to remove.

**Optional Weight Transfer System**

The weight transfer system is operated on demand by the operator to increase the tractor traction as needed.

---

**Tool Bars**

**38-foot Tool Bar with Three Deflectors**

The only tool bar designed to evenly spread thick liquid manure containing long fibrous material.
- Equipped with large 6” and 8” pipes, the 38-foot tool bar spreads thick liquid manure containing long fibrous material at a rate up to 1,800 US gpm
- Unfolding the tool bar and adjusting the height is easily done from inside the tractor
- The deflectors of the 38-foot tool bar are fed by gravity, reducing odour to a minimum
- Depending on manure consistency, the width of spreading is set by sizing the deflectors outlet and by adjusting the height of the tool bar

**Low Spreading Tool Bar with Deflectors**

Low spreading tool bar to apply manure by gravity, reducing odour to a minimum.
- Available with 5 or 6 deflectors for spreading 25 or 27 feet wide
- The tool bar folds up quickly for road travel
- Deflectors are designed to provide uniform spreading
- Folding ends option available

---

The Weight transfer system is operated on demand by the operator to increase the tractor traction as needed.
Power Steering System
The GEA Houle power steering patented system is unique in that it matches the turning angle of the tractor. The operator can disengage the power steering system to improve stability while traveling on the road. When disengaged, the wheels are maintained parallel to the reservoir by means of heavy-duty compression springs.

- Ensures a safer operation
- Reduces damage to vegetation and eliminates strain on spreader hubs, axles and chassis
- Is protected by a spring-loaded mechanism

Tool Bar with Ground Surface Flex Drop Hoses
Low spreading tool bar to apply manure by gravity directly onto the ground, reducing odour to a minimum. Spreads evenly under windy conditions.

- Tool bar available with 12 or 16 hoses for spreading 15 or 20 feet wide
- Folding ends option available

22” Concave Disc Incorporator
Fast spreading while using less tractor power than conventional injectors. Very efficient on harvested fields with a large quantity of crop residue (corn, beans, etc.)

- The pressurized tool bar maintains a constant load on the discs to better follow the contour of the terrain
- Incorporates manure with the top layer of the soil while reducing odours and maximum fertilizing value of the manure
- Folding ends option available

Heavy-Duty Power Steering Swivel Hitch
Our heavy-duty power steering swivel hitch adapts to different types of tractor tow bar. Available with a 3” or 3 1/2” pivot shaft.
Steerable Series Spreaders

Our directional spreader offers excellent manoeuvrability and control on all types of terrain. Its agility results in less ground impact when turning. Its exclusive hydraulic power-steering and superior quality suspension provide more resistance to obstacles.

The walls of the reservoir are made of high quality steel for long life expectancy. Baffles are installed inside the reservoir providing excellent liquid manure stability. As all of our line of equipment, our spreaders are coated with a layer of Epoxy primer and 2 layers of Urethane paint making them resistant to extreme conditions. Because we believe that a good product must be looked after, we have integrated several easily accessible lubricating points as well as openings for cleaning on top of the reservoir.

We offer also a selection of tires and a choice of brakes to meet all your needs. Many other options are offered with the goal of easing your daily tasks. Ask about them.

Basic equipment provided with the steerable spreader:

- Up-market hydraulic suspension
- Power steering system unique to GEA Houle
- Bearing housing and impeller
- Heavy-duty discharge pipe with anti-syphon
- Fill opening with protection grid
- Front fill indicator
- Drain system
- Swivel hitch
- Braided hydraulic hoses
- Integrated ladder
- 8” access door on top
- Hydraulic hose support
- Anti-skid strip on top of spreader
- Jack
- Wheel wrench

Tool Bars

16” Disc Cultivator
To apply manure on growing corn fields at a time when the plants need nutrients the most. Recommended for fields with crop residue.

- The pressurized tool bar maintains a constant load on the discs to better follow the contour of the terrain
- Discs lightly work the soil between rows of corn without disturbing the root system
- Folding ends option available
- Available with 4, 5, 6 or 8 sets of 16” discs

5-Tine Cultivator
To apply manure on growing corn fields at a time when the plants need nutrients the most. Recommended for fields free of rocks with minimum crop residue.

- Tool bar with 4, 5, 6 or 8 floating cultivators
- Adjustable gauge wheels and cultivating width
- Aerates and fertilizes the soil between rows
- Helps control weeds
- Folding ends option available
**Tool Bars**

**Sweep Injectors**

To inject the manure in a wide pattern close to the roots. Manure applied with minimum odour while maintaining the maximum concentration of nutrients.

- Heavy-duty pressurized tool bar with gauge wheel
- Individual adjustable springs on each injector
- Available with optional 20” coulter wheels
- Injectors available with 16” or 22 1/2” wide sweeps that gradually slice or cut open the ground for slurry injection

**24” Hydraulic Disc Injectors**

The tool bar with hydraulic discs injects liquid manure in all types of soil at a minimum speed of 5 mph (8 km/h) and a maximum depth of 6”. Each disc injector is connected to a hydraulic cylinder in order to better follow the contour of the field. This means, each injector adapts to uneven ground while maintaining its working depth not affecting the working depth of the other injectors.

The 12-foot wide tool bar provides a maximum spreading rate of:

- 5,000 US gal. per acre with 6 discs mounted at 24” centre to centre
- 6,700 US gal. per acre with 8 discs mounted at 18” centre to centre

---

**Our Famous Spreader Tanks**

For over 18 years, GEA Houle Inc. has designed and manufactured state-of-the-art spreader tanks. Now sold worldwide, they are recognized for their quality manufacturing, their reliability and durability. Discover the unique features that have made and continue to make this product a success!
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Tool Bars Compatibility

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<th>Tool Bar with Flex Drop Hoses</th>
<th>22” Concave Disc Incorporator</th>
<th>16” Disc Cultivator</th>
<th>S-Tine Cultivator</th>
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✓ Compatible  ☎ Incompatible  ☠ Special shorter design
GEA Farm Technologies
The right choice.

Liquid Manure Spreaders
and Tool Bars

For spreading all types of liquid manure