CAPACITY
2200 lbs. @ 24” Load Center

INTEGRAL BATTERY / CHARGER
24-volt maintenance free batteries with direct connect 110A 110VAC plug-in automatic charger.
S22-62 (2) 12V 60AH
S22-96/116 (2) 12V 85AH AGM

SPEED
Transistor travel controller

TRAVER
Variable from 0 mph to 3.41 mph empty
Variable from 0 mph to 2.5 mph loaded

LIFT
Up to 33.5 fpm empty.
Up to 17.8 fpm loaded

LOWERING
Up to 17.5 fpm empty
Up to 17.6 fpm loaded

TIRES / WHEELS

DRIVE
8.26” x 2.76” polyurethane

STABILITY
4” x 2” polyurethane

DUAL LOAD
(2) 4” x 2” polyurethane

HYDRAULICS
Lift cylinder is hard chrome. Permanent magnet pump motor and chrome plated lift cylinder provides smooth lifting and lowering. Pump unit includes DC motor, solenoid, and gear pump.

DRIVE
24-Volt permanent magnet DC drive motor with rare earth neodymium magnets increases efficiency and duty cycle.

ELECTRICAL
Curtis travel control provides smooth step less travel. Quick disconnect EPD power cut off and battery discharge indicator are standard equipment.

BRAKES
Electronic neutral braking function provides smooth and safe control. Electromagnetic disc brake provides safe and secure stops under all conditions.

TILLER ARM CONTROLS
Offset steering arm provides excellent line of sight for operators. Right angle stacking in aisles as narrow as 60°.
Travel, lift, and lower functions are located in the ergonomic operator handle. All operator controls are accessible without having to lift the hand from the handle.
Angle grips are designed to allow easy operation with either hand. Wrap around guard, reversing switch, thumb control, and horn are standard. Low mounted tiller arm offers excellent operator comfort and minimum steering effort.

FRAME AND MAST
All steel construction welded rigid steel chassis for added durability. Adjustable forks on pin style carriage. Forks are adjustable from 8” ID to 27.5” OD. Standard fork is 42” long x 3.5” wide x 1.25” thick
S22-62 non-telescoping mono mast with single lifting chain, adjustable mast rollers. Chrome plated lift cylinder provides smooth lift/lower operation and long life.
Three inch wide adjustable straddle legs for ease of operation in racked aisles. Four position adjustment allows for preset outrigger dimensions to fit various sized pallets. Straddle leg inside dimension (ID) can be set at 38” to 50” in 4” increments.
Fully enclosed wheel guard and flush mounted axles prevent wheel and axle damage during normal use.

SERVICEABILITY
Removable one piece power head cover allows for easy maintenance.

OPTIONAL BATTERY UPGRADE
- 85AH available on model S22-62
- Hand held remote lift & lower control box with 3’ coiled cord

TWO STAGE MAST
S22-96/116 telescoping high visibility mast and inner rail, clear view Plexiglas mast guard, dual lifting chains, adjustable mast rollers. Chrome plated lift cylinder provides smooth lift/lower operation.
2200 Lbs. Capacity
Power Drive Straddle Truck

DIMENSIONS

Mono Mast

Two Stage Mast

Aisle Guide
S22-62: Right Angle Stacking

<table>
<thead>
<tr>
<th>Load Width</th>
<th>Load Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>36&quot;</td>
<td>57.3</td>
</tr>
<tr>
<td>40&quot;</td>
<td>57.5</td>
</tr>
<tr>
<td>48&quot;</td>
<td>63</td>
</tr>
</tbody>
</table>

For ease of use add 8" to aisle dimension listed

Aisle dimensions listed above assume the minimum bay width to be straddle OD plus 5" (2.5" on each either side of straddle leg). Straddle OD is the load width plus 8". Truck performance may vary due to application requirements and changes in model design.

Add 3.9" to aisle for models S22-96 and S22-116 with two stage telescopic masts.

<table>
<thead>
<tr>
<th>Model #</th>
<th>Mast</th>
<th>Lift Height</th>
<th>Col Height</th>
<th>Free Lift</th>
<th>Ext Height w/LBR</th>
<th>Adjustable Straddle Leg 4&quot; Increments</th>
<th>Weight Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>S22-62</td>
<td>Mono</td>
<td>62</td>
<td>76.5</td>
<td>56</td>
<td>98.25</td>
<td>38 to 50</td>
<td>44 to 56</td>
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<tr>
<td>S22-96</td>
<td>Two Stage</td>
<td>96</td>
<td>72.5</td>
<td>0</td>
<td>134.0</td>
<td>38 to 50</td>
<td>44 to 56</td>
</tr>
<tr>
<td>S22-116</td>
<td>Two Stage</td>
<td>116</td>
<td>82.5</td>
<td>0</td>
<td>153.5</td>
<td>38 to 50</td>
<td>44 to 56</td>
</tr>
</tbody>
</table>

³ Complete weight includes truck, battery and charger