A9970 Self-Propelled Peanut Combine

The World’s Largest Highest Capacity Peanut Combine: The Amadas A9970

Larger hydrostatic pump - more power and torque to drive wheels
Direct drive hydraulic pumps - more power, less maintenance, more reliability
Simplified elevator fan drive - 3C banded belt drive, eliminating jackshaft
Redesigned header hydraulic system - more power and cooling
Increased accessibility to drive components - lift-up shields for easier access for service & adjustment
Relocated hydraulic components and batteries - easier access for service
Improved lighting - HID lights on cab, additional field and header lights, and service lights under shields
Increased in-cab controls and monitors - Full John Deere based “Command Center”
AutoTrac™ ready - only needs a StarFire™ receiver and GreenStar™ display

AVAILABLE WITH...

BDS (Bin Dump System) or OCS (Off-load Conveying System) and 19', 21', 25', 30' & 32' Header Widths
## A9970 Self-Propelled Peanut Combine

### Dimensions / Specifications

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combines</td>
<td>281 in. (714 cm)</td>
<td>203 in. (516 cm)</td>
<td>174 in. (442 cm)</td>
<td>32,000 lb. (14,515 kg)</td>
</tr>
<tr>
<td>Shipping</td>
<td>281 in. (714 cm)</td>
<td>144 in. (366 cm)</td>
<td>140 in. (355 cm)</td>
<td>28,300 lb. (12,837 kg)</td>
</tr>
<tr>
<td>19’ Header</td>
<td>242 in. (615 cm)</td>
<td>57 in. (145 cm)</td>
<td>51 in.(130 cm)</td>
<td>4,100 lb. (1,860 kg)</td>
</tr>
<tr>
<td>21’ Header</td>
<td>268 in. (681 cm)</td>
<td>57 in. (145 cm)</td>
<td>51 in. (130 cm)</td>
<td>4,400 lb. (1,996 kg)</td>
</tr>
<tr>
<td>25’ Header</td>
<td>310 in. (787 cm)</td>
<td>57 in. (145 cm)</td>
<td>51 in. (130 cm)</td>
<td>5,300 lb. (2,404 kg)</td>
</tr>
<tr>
<td>30’ Header</td>
<td>379 in. (963 cm)</td>
<td>57 in. (145 cm)</td>
<td>51 in. (130 cm)</td>
<td>6,200 lb. (2,812 kg)</td>
</tr>
<tr>
<td>32’ Header</td>
<td>404 in. (1,026 cm)</td>
<td>57 in. (145 cm)</td>
<td>51 in. (130 cm)</td>
<td>6,600 lb. (2,994 kg)</td>
</tr>
<tr>
<td>BDS Bin</td>
<td>203 in. (516 cm)</td>
<td>96 in. (244 cm)</td>
<td>77 in. (195 cm)</td>
<td>4,000 lb. (1,814 kg)</td>
</tr>
<tr>
<td>OCS Bin</td>
<td>220 in. (559 cm)</td>
<td>103 in. (262 cm)</td>
<td>82 in. (208 cm)</td>
<td>4,600 lb. (2,087 kg)</td>
</tr>
</tbody>
</table>

### Engine
- **Type**: Turbocharged, air-to-air after cooled
- **Cylinders**: 6
- **Displacement**: 415 cu. in. (6.8 L)
- **Horsepower**: 245 HP (183 KW) @ 2400 RPM

### Ground Drive
- **Type**: Hydraulic Variable
- **Transmission**: 3-Speed

### Tires
- **Main Drive (front)**: 800/65R32, 30.5x32 (16 ply)
- **Steering (2 wheel drive)**: 18.4x26 (10 ply)
- **Steering (4 wheel drive)**: 18.4x26 (10 ply)

### Capacities
- **Fuel Tank**: 200 gal. (757 L)
- **Cooling System**: 36 qt. (34 L)
- **Engine Crankcase**: 30 qt. (28.5 L)
- **Transmission**: 10 qt. (9.5 L)
- **Final Drives**: 9 qt. (8.5 L)
- **Engine Gear case**: 17 qt. (16 L)
- **Hydraulic Fluid**: 36 qt. (34 L)
- **BDS Bin**: 7,500 lb. (3,402 kg)
- **OCS Bin**: 6,500 lb. (2,948 kg)

### Separation System
- **Type**: Disc separator supplied by a 14 in. (35 cm.) cross induction fan, five retractable spring overhead separator cylinders with stripper cylinder.

### Picking System
- **Type**: 10% variable speed engine, five spring-toothed cylinders with 2 speed sprockets for first three cylinders and variable speed for last two cylinders, stripper cylinder after fifth picking cylinder, two sets of adjustable overhead stripper teeth, adjustable retention board, and two adjustable breast spring bars with concave teeth.

### Collection System
- **Auger Diameter**: 12 in. (30 cm)

### Pneumatic Conveyor
- **Area**: 76 sq. in. (.049 sq. m)
- **Fan Diameter**: 28 in. (71 cm)

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