Combine harvesters

LEXION

780  760  750  740  730  670
Committed to productivity.

Time is money and we at CLAAS know you expect the highest possible productivity from your combine, so we are committed to bringing you just that.

From the moment the crop flows into the feederhouse and into either the APS HYBRID SYSTEM (LEXION 700 Series) or APS straw walker (LEXION 600 Series) threshing and separation system, to the moment the clean grain hits the grain tank and residue is spread, we offer more capacity, more performance and more efficiency.

The LEXION combine. 700 / 600 Series.
CLAAS value factor.

Fuel consumption*
- Reduces cost and enables more accurate budgeting of fuel needs.

Grain loss*
- Results in greater profit per crop.

Productivity* (ac/hr)
- Means fewer days harvesting and reduced overall harvest cost.

Cost/acre*
- Faster return on investment and more efficient harvesting enterprise.

*The values listed are the result of side-by-side comparisons conducted during sales demonstrations between Lexion 700 Series combines and competitive combines during the 2016 and 2017 harvest seasons in corn, soybeans, and wheat. Results may vary depending on individual conditions.
The APS straw walker system on the LEXION 600 Series uses the same high capacity APS threshing technology as the LEXION 700 Series. The APS threshing system allows the LEXION 670 to excel in capacity due to the reduced amount of grain needing to be separated by the straw walkers compared to competitive straw walker combines.

The JET STREAM cleaning system is designed specifically to match the capacity of the APS HYBRID SYSTEM. With its extra large upper sieve area and high performance turbine fans, the performance of the JET STREAM system is unmatched.

CLAAS offers four residue management systems with almost endless options and conveniences to fit all your residue management needs: PRO CHOP, TURBO CHOP, Standard Chopper and Straw Spreaders.

The engine range from Mercedes Benz and Caterpillar (up to 15.6 l) delivers top performance for the LEXION combine while keeping operating costs down.

With the DYNAMIC COOLING system, air is drawn through the radiator housing and engine compartment by the cooling fan, then exits out the vents in the side panel where it forces dust and light debris away from the combine – preventing it from being pulled in by the cooling fan. This results in a significant increase to the air filter service interval.

The engine range from Mercedes Benz and Caterpillar (up to 15.6 l) delivers top performance for the LEXION combine while keeping operating costs down.

The TERRA TRAC offers the highest quality ride with the lowest ground pressure. The fully-suspended in-line design ensures more efficient transfer of power to its 35 in wide belts for maximum traction and leading flotation. Hydro-pneumatic cylinders dampen the movement of the track frame to ensure full belt contact for reduced compaction and leading comfort and stability.

The CEBIS display allows total machine monitoring and control through its clear, intuitive menu structure. The 8.4 in color screen is adjustable to reduce operator strain.

The new CEBIS MOBILE 12 in color touch-screen brings the functions of all the current operator assistance systems together, allowing the operator to maintain full control over machine operating states at all times from a single terminal and to adjust all the assistance system functions as necessary.

The CMOTION multifunction control lever plays a key role in making the LEXION combine user-friendly and comfortable for the operator. The CMOTION lever was specially developed for ergonomic operation. The innovative three-finger control concept allows several functions to be controlled intuitively without having to reposition one’s hand.
Operator assistance.

CEMOS AUTO SEPARATION.
Automatic separation.
CEMOS AUTO SEPARATION optimizes rotor speed and cover plate position settings automatically to ensure optimal separation performance while harvesting.

CEMOS AUTO CLEANING.
Automatic cleaning.
CEMOS AUTO CLEANING optimizes fan speed and upper and lower sieve settings automatically to ensure optimal cleaning performance while harvesting.

Data management.
Steering systems.

CEMOS AUTO THRESHING.
Automatic threshing.
CEMOS AUTO THRESHING optimizes threshing cylinder speed and concave position settings automatically to ensure optimal threshing performance while harvesting.

TELEMATICS.
TELEMATICS delivers the ultimate data experience for your CLAAS machinery. The digital tool set provides an overview of compiled machine information, allowing you to better manage your operation, along with increasing the efficiency and productivity of your machine.

FLEET VIEW.
FLEET VIEW gets your entire fleet on the same page. Manage your CLAAS equipment and transport vehicles with this user-friendly application on a mobile device such a smartphone or tablet to give all parties in the logistics chain a bird’s eye view of the entire operation.

Remote Service.
Remote Service brings a new era of service support using the intelligent networking of CLAAS machines. This technology allows your service partner to remotely access critical service-related information to begin the diagnostic process.

CEMOS AUTO CROP FLOW.
Automatic overload protection.
CEMOS AUTO CROP FLOW continuously monitors machine load levels to prevent the combine from overloading. If activated, the system automatically stops machine feeding and slows down the machine.

Ag Leader®.
InCommand® 1200 is the flagship of the InCommand line, built on Ag Leader’s industry-leading precision ag display technology. With InCommand 1200, you get year-round efficient machine control plus instantaneous information to simplify crucial decisions that impact your yield and profitability. See vital information in the cab to help you manage machine functionality and react on-the-go to changing field conditions.

Climate FieldView™.
Use FieldView™ year round to make data driven decisions to maximize your return on every acre. An agronomic data partner to seamlessly collect, store and visualize critical field data, monitor and measure the impact of your agronomic decisions on crop performance, and manage your field variability by building customized fertility and seeding plans for your fields to optimize yield and maximize profit.

Trimble®.
Trimble Agriculture provides solutions that solve complex technology challenges across the entire agricultural supply chain. The solutions enable farmers and advisors to allocate scarce resources to produce a safe, reliable food supply in a profitable and environmentally sustainable manner. Covering all seasons, crops, terrains and farm sizes, Trimble precision agriculture solutions can be used on most equipment on the farm, regardless of manufacturer.
### Specifications.

<table>
<thead>
<tr>
<th>Class size</th>
<th>10</th>
<th>9</th>
<th>8</th>
<th>7</th>
<th>6</th>
<th>7</th>
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</thead>
<tbody>
<tr>
<td>Threshing and separation system</td>
<td>APS HYBRID SYSTEM</td>
<td>APS HYBRID SYSTEM</td>
<td>APS HYBRID SYSTEM</td>
<td>APS HYBRID SYSTEM</td>
<td>APS HYBRID SYSTEM</td>
<td>APS straw walker system</td>
</tr>
<tr>
<td>Threshing width in (mm)</td>
<td>67 (1,700)</td>
<td>67 (1,700)</td>
<td>56 (1,420)</td>
<td>56 (1,420)</td>
<td>56 (1,420)</td>
<td>67 (1,700)</td>
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<tr>
<td>Grain tank capacity bu (l)</td>
<td>360 (12,600)</td>
<td>360 (12,600)</td>
<td>330 (11,500)</td>
<td>300 (10,600)</td>
<td>300 (10,600)</td>
<td>330 (11,500)</td>
</tr>
<tr>
<td>Unloading rate bu/s</td>
<td>3.8</td>
<td>3.8 (2.8 rice)</td>
<td>3.8 (2.8 rice)</td>
<td>3.8 (2.8 rice)</td>
<td>3.8 (2.8 rice)</td>
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<tr>
<td>Engine manufacturer</td>
<td>Mercedes-Benz</td>
<td>Caterpillar</td>
<td>Caterpillar</td>
<td>Caterpillar</td>
<td>Mercedes-Benz</td>
<td>Mercedes-Benz</td>
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<tr>
<td>Engine model</td>
<td>OM 473 Tier 4</td>
<td>C13 Tier 4</td>
<td>C13 Tier 4</td>
<td>C13 Tier 4</td>
<td>OM 470 Tier 4</td>
<td>OM 470 Tier 4</td>
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<tr>
<td>Rated power hp (kW)</td>
<td>570 (425)</td>
<td>503 (375)</td>
<td>456 (340)</td>
<td>402 (300)</td>
<td>349 (260)</td>
<td>375 (280)</td>
</tr>
<tr>
<td>Maximum power hp (kW)</td>
<td>617 (460)</td>
<td>543 (405)</td>
<td>496 (370)</td>
<td>436 (325)</td>
<td>386 (293)</td>
<td>402 (300)</td>
</tr>
<tr>
<td>Fuel tank capacity gal (l)</td>
<td>304 (1,150)</td>
<td>304 (1,150)</td>
<td>304 (1,150)</td>
<td>304 (1,150)</td>
<td>304 (1,150)</td>
<td>211 (800)</td>
</tr>
<tr>
<td>DEF tank capacity gal (l)</td>
<td>22.5 (85)</td>
<td>22.5 (85)</td>
<td>22.5 (85)</td>
<td>22.5 (85)</td>
<td>22.5 (85)</td>
<td>22.5 (85)</td>
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</tbody>
</table>

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#### CLAAS Service & Parts.
Whatever it takes.

Your needs matter.

You can always rely on CLAAS Service & Parts. We’ll be there whenever you need us, around the clock if necessary, to provide the perfect solution for your machine and your business. Whatever it takes.

Reliability can be planned.

With our service products, you can increase your machine reliability, minimize your risk of breakdowns and budget with confidence. CLAAS MAXCARE offers planned reliability for your machine.

Worldwide coverage from Columbus, Regina and Hamm.

The CLAAS of America Parts Logistics Centers in Columbus, Indiana, and Regina, Saskatchewan, provide world-class parts support throughout North America for all CLAAS products. Supported by the CLAAS worldwide spare parts depot in Hamm, Germany, we provide the CLAAS dealer network with reliable, consistent parts availability and industry-leading responsiveness. Your local CLAAS dealer can supply the right parts solution for your business to maximize machine uptime.
Ensuring a better harvest.