

# GRAIN HARVESTING

T6 800 COMBINE



JOHN DEERE



# YEAH, IT'S A WHOLE NEW BEAST

For starters, it looks different. Sleeker. Leaner. Meaner. But we didn't stop there. To make an all new T6 800 Combine, we went way past the sheet metal. We gave it the same spacious cab as its big brother... the venerable X9. We stoked its heart with a powerful new John Deere 9.0L Engine. And we gave it more grain-eating muscle with a 4-roll chopper.

23%

Larger Grain Tank Size

20%

Faster Unloading<sup>1</sup>

6%

Increase in efficiency<sup>1</sup>



*Larger, more comfortable  
cab- the same as on the X9*





*23% larger grain tank and  
20% increased unloading rate<sup>1</sup>*

*Remote features*

*HarvestLab compatible*

*New chopper with remote  
counter knife on walker*

*Active Terrain Adjustment*

*Increased power and torque  
from John Deere 9.0L engine*

*Increased header compatibility and functionality*

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<sup>1</sup>Compared to previous models



# A CAB WITH A KNOWN

That big, comfortable cab we put on the X9? Yeah, it's the same one we put on the T6 800. Bigger, with more visibility and more comfort to help you stay focused no matter how many hours you pack into your day.

To keep you more connected with your combine, we included an integrated G5<sup>Plus</sup> CommandCenter™ Display and StarFire™ Receiver. And the new primary display is bigger than previous models, giving you better visibility and control. More convenience. More control. More comfort. That's how you keep at your best... all day long.

## Comfort & Convenience Package

|                     | SELECT                                                                      | PREMIUM                                                                    | ULTIMATE                                                                                                                                   |
|---------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Seat                | Vision Cloth, Mechanical Controls, Mechanical Lumbar, 8° LH / 16° RH swivel | Vision Cloth, Electronic Controls, Pneumatic Lumbar 16° LH / 16° RH swivel | Vision Cloth, Electronic Controls, Pneumatic Lumbar 16° LH / 16° RH Swivel Heated/Ventilated Active Fatigue Prevention Adjustable Bolsters |
| Infotainment        | AM/FM/WX, Aux & BT Inputs, 2 speakers                                       | 6.5" Touchscreen, App Radio, XM Ready, 2 speakers w/ subwoofer             | 6.5" Touchscreen, App Radio, XM Ready, 2 speakers w/sub-woofer                                                                             |
| Business Band Ready | ●                                                                           | ●                                                                          | ●                                                                                                                                          |
| 4 USB & 12V         | ●                                                                           | ●                                                                          | ●                                                                                                                                          |
| Foot Rests          | ●                                                                           | ●                                                                          | ●                                                                                                                                          |
| Dual Tilt Column    | ●                                                                           | ●                                                                          | ●                                                                                                                                          |
| Refrigerator        |                                                                             | ●                                                                          | ●                                                                                                                                          |
| Carpeted Floor Mat  |                                                                             |                                                                            | ●                                                                                                                                          |
| Leather Wrapped     |                                                                             |                                                                            | ●                                                                                                                                          |
| Steering Wheel      |                                                                             |                                                                            | ●                                                                                                                                          |
| Door Cinch          |                                                                             |                                                                            | ●                                                                                                                                          |

## Visibility Packages

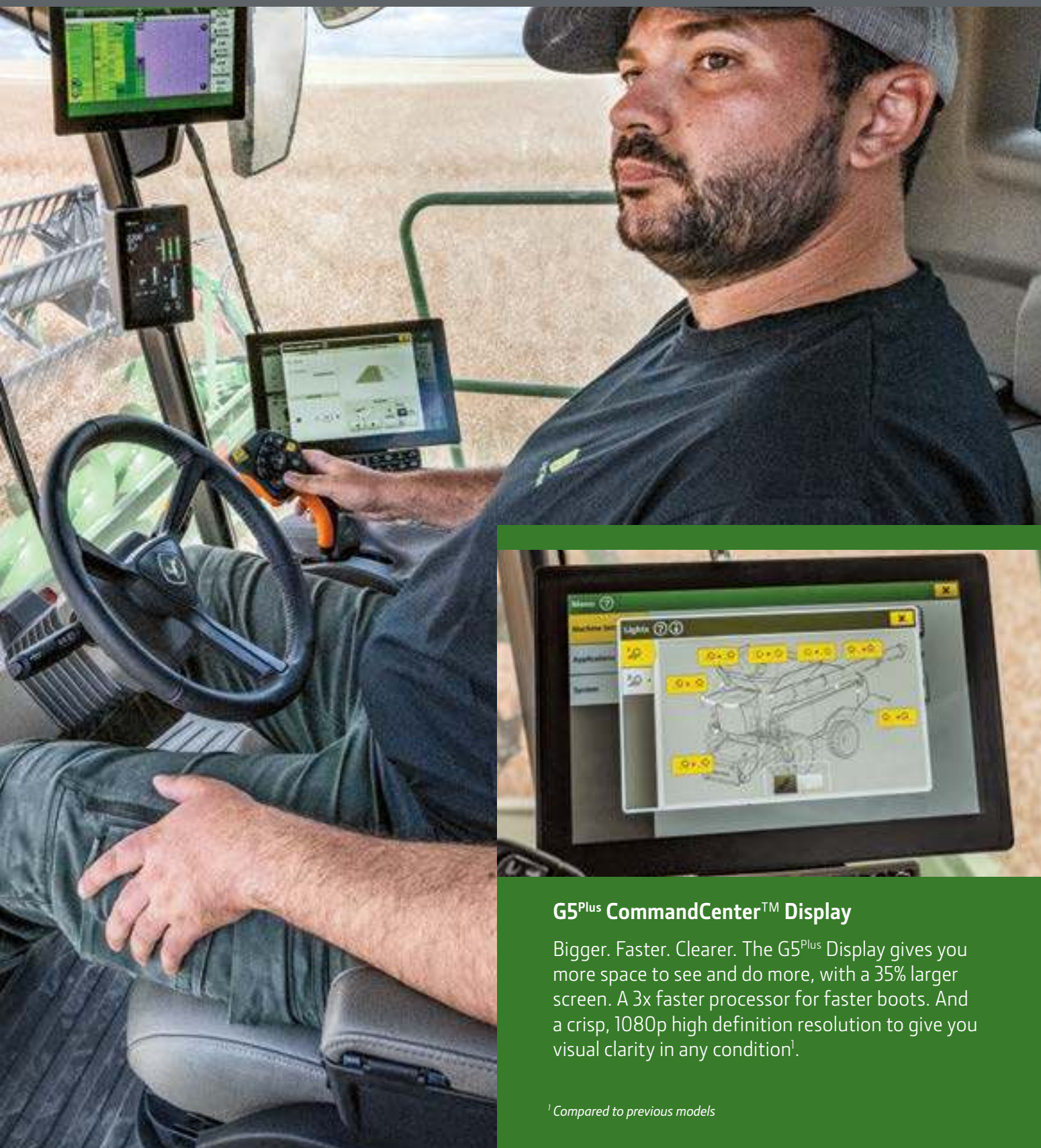
|           | SELECT        | PREMIUM                      | ULTIMATE                                    |
|-----------|---------------|------------------------------|---------------------------------------------|
| Lighting  | LED           | LED                          | LED                                         |
| Mirrors   | Mechanical    | Electric, Heated             | Electric, Heated                            |
| Sunshades | Front         | Front                        | Front/R Side                                |
| Wipers    | Front         | Front                        | Front/R Side                                |
| Cameras   | Backup Camera | Backup Camera + Camera Ready | Backup Camera Grain Tank Unload Auger Hitch |

## Suspension Options

|                |           |
|----------------|-----------|
| Air            | Standard  |
| Active Seat II | Available |



# X-FACTOR



## G5<sup>Plus</sup> CommandCenter™ Display

Bigger. Faster. Clearer. The G5<sup>Plus</sup> Display gives you more space to see and do more, with a 35% larger screen. A 3x faster processor for faster boots. And a crisp, 1080p high definition resolution to give you visual clarity in any condition<sup>1</sup>.

<sup>1</sup> Compared to previous models



# A SMART POWERPLAY

## John Deere 9.0L Engine

The new T6 800 Combine gets a power-plant upgrade worthy of an all new machine. The new generation 9 Liter engine features a new L40 control system that delivers advanced diagnostics. Improved fuel dosing and EGR system refinements reduce fuel usage and provide easier serviceability. Together, the 9L offers a giant leap in helping you manage fuel usage and machine operating costs.



## New Chopper for Better Distribution

What goes in, must come out. And what comes out of the T6 800 is better straw. That's thanks to an improved residue management system that includes a new 4-row chopper... an improved unit that shares the same knives as the S7 and X9. So does the Remote Knife Adjustment, which gives you in-cab ability to make on-the-go adjustments.



### Adjustable Auger Spout

Not only do you get four new auger length options, you also get an Adjustable Auger Spout. Now you can adjust auger positions right from your cab. That makes it faster and easier to fill carts or trailers on the go, and it reduces unnecessary grain spillage, increasing your overall grain retention.

# 4.3bu/s<sup>1</sup>

Unloading Rate

<sup>1</sup>150L/sec



# MORE ACRES. LESS STRESS.

## Ground Speed Automation



Easily maintain a consistent feed rate with Ground Speed Automation<sup>1</sup>. It's a dynamic ground speed control that's based on your inputs and operator-defined limits on variables such as grain loss, engine power, and drum pressure.

## Terrain Setting Automation



Terrains may vary, but your cleaning shoe performance shouldn't. That's why we gave the T6 800 automated terrain adjustment<sup>1</sup>. Using pitch angle data from the integrated StarFire Receiver, the combine automatically calculates needed changes in the fan speed, chaffer and sieve opening to prevent cleaning shoe over-blow and material being moved too fast – or not at all.





# ALL AUTOMATICALLY.



## HillMaster Leveling System

### Got hills?

Well, we have HillMaster. It's a leveling system that uses a proportional valve to make accurate, ongoing chassis adjustments that keep the combine stable and level. And that keeps your throughput consistent, even on steep slopes and rolling terrain. Have more confidence on every pass, every angle. Included in the Premium Technology Package.





## T6 800

## Engine Stage V

|                                                                 |                                                                                        |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Engine Type                                                     | JD9X                                                                                   |
| Displacement (l)                                                | 9                                                                                      |
| Rated speed                                                     | 2200                                                                                   |
| Rated power (kW / hp / PS)                                      | 300 / 402 / 408                                                                        |
| max power (kW / hp / PS)                                        | 344 / 461 / 468                                                                        |
| Power boost @ rated speed                                       | 25 / 34 / 34                                                                           |
| Engine Speed Management                                         | incl. w/ ProDrive                                                                      |
| Fuel / DEF tank capacity (l)                                    | 800 / 48                                                                               |
| Air Compressor                                                  | optional                                                                               |
| oil drainage hose for engine hydraulic and engine PTO oil       | base                                                                                   |
| Xtra capacity feederhouse                                       |                                                                                        |
| Conveyor chains                                                 | 4 chains                                                                               |
| Slip Clutch                                                     | 900 Nm                                                                                 |
| Header reverser power (kW / hp / PS)                            | 59 / 79 / 80                                                                           |
| Feederhouse Speed, m/sec                                        | 3.6                                                                                    |
| Cutting angle adjustment                                        | 18° (12° on HillMaster)                                                                |
| Lateral Tilt                                                    | 8° (18° on HillMaster)                                                                 |
| Threshing Cylinder                                              |                                                                                        |
| Channel width (mm)                                              | 1670                                                                                   |
| Cylinder diameter (mm)                                          | 660                                                                                    |
| No. of rasp bars                                                | 10                                                                                     |
| Wrapping Angle (degree)                                         | 124                                                                                    |
| Cylinder speed range, standard (rpm)                            | 470 - 950                                                                              |
| Cylinder dual range drive, option (rpm)                         | 250 - 470 & 470 - 950                                                                  |
| Small Grain Concave                                             | Recommended for small grains in very dry conditions                                    |
| Universal Concave                                               | Recommended for small grains and suitable for coarse grains                            |
| Sectional Concave                                               | Swappable Inserts to adopt to different harvest conditions for small and coarse grains |
| Quick engage booster bar                                        | base                                                                                   |
| Xtra Large Separator and High Performance Separator (HPS) grate |                                                                                        |
| Xtra Large Separator diameter (mm)                              | 800                                                                                    |
| Xtra Large Separator speed (RPM)                                | 380 / 760                                                                              |
| Tangential Plus Separator grate                                 | 3-Position adjustable                                                                  |
| Rear beater and rear beater grate                               |                                                                                        |
| Rear Beater diameter (mm)                                       | 400                                                                                    |
| Rear Beater speed                                               | Single speed relative to separator                                                     |
| Rear Beater grate                                               | 2-Position adjustable                                                                  |

## Total Active Separation Area

|                                                                                                  |                                                          |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Concave area according to ISO Norm 6689:1997 (m²)                                                | 1.35                                                     |
| Separating area tine separator according to ISO Norm 6689:1997 (m²)                              | 2.1                                                      |
| Separating area rear beater according to ISO Norm 6689:1997 (m²)                                 | 0.55                                                     |
| Total Active Separation Area according to ISO Norm 6689:1997 (m²)                                | 4.0                                                      |
| Straw walkers                                                                                    |                                                          |
| Number of walkers                                                                                | 6                                                        |
| Number of steps                                                                                  | 7                                                        |
| Walker area according to ISO Norm 6689:1997 (m²)                                                 | 5.8                                                      |
| DynaFlo Plus cleaning system with auger type preparation system front chaffer, chaffer and sieve |                                                          |
| # of conveying augers                                                                            | 6                                                        |
| Tailing returns to threshing cylinder                                                            | base                                                     |
| Single range fan drive (RPM)                                                                     | 550 - 1350                                               |
| Dual range fan drive (RPM)                                                                       | 300 - 600 & 550 - 1350                                   |
| Max. Fan Air Volume (m³/min)                                                                     | 740                                                      |
| Chaffer (m²)                                                                                     | 2.6                                                      |
| Sieve (m²)                                                                                       | 2.3                                                      |
| cleaning shoe area (m²)                                                                          | 4.9                                                      |
| TOTAL cleaning Shoe area with fingers and rakes (m²)                                             | 5.5                                                      |
| Electric Sieve adjustment                                                                        | base                                                     |
| Grain Tank                                                                                       |                                                          |
| Volume according to ISO Norm 5687:1999 (L)                                                       | 11.000 / 13.500                                          |
| Unloading auger swing range (deg.)                                                               | 105                                                      |
| unloading system at peak performance (L/sec)                                                     | 150                                                      |
| Residue Management                                                                               |                                                          |
| FineCutChopper                                                                                   | 68                                                       |
| ExtraFineCutChopper                                                                              | 124                                                      |
| Chopper speed (rpm)                                                                              | 3200                                                     |
| Dual speed drive (rpm)                                                                           | 3200 / 1800                                              |
| Chaff Spreader                                                                                   | optional                                                 |
| Electrical Adjustable Vane Tailboard                                                             | optional                                                 |
| Side-Hill Systems                                                                                |                                                          |
| Inclines up to 7%                                                                                | Base                                                     |
| SideHill Package (inclines up to 14%)                                                            | optional                                                 |
| HillMaster (inclines up to 22%)                                                                  | optional                                                 |
| Cab                                                                                              |                                                          |
| Driver Seat                                                                                      | air suspension seat with swivel and fore-aft attenuation |
| Active Seat II                                                                                   | Optional                                                 |
| Leather Package                                                                                  | Optional                                                 |
| Passenger Seat                                                                                   | Base                                                     |
| 12.8" G5Plus CommandCenter Display                                                               | base                                                     |
| Cameras                                                                                          | Optional (up to 4)                                       |
| Refrigerator                                                                                     | optional                                                 |
| Automatic Air Conditioning and Heating                                                           | Base                                                     |
| LED working lights                                                                               | Base 27300lumen (optional up to 42700 lumen)             |
| LED service & maintenance lights                                                                 | Base                                                     |

## Ground drive

|                                                               |                                              |
|---------------------------------------------------------------|----------------------------------------------|
| Manual 3-Speed Transmission                                   | NA                                           |
| Electrical Push Button Shift 3-Speed Transmission             | optional                                     |
| ProDrive Stepless Transmission                                | optional                                     |
| Maximum speed with wheels or tracks (km/h)                    | 40                                           |
| * depending on country regulation                             |                                              |
| Differential Lock on front axle                               | optional w/ ProDrive                         |
| X-Traction 4WD axle with limited slip differential lock       | optional                                     |
| Traction Control Anti Slip Management                         | incl w/ ProDrive and X-traction axle         |
| John Deere 24' Tracks ground contact area (m²)                | optional / 1,23                              |
| John Deere 30' Tracks ground contact area (m²)                | optional / 1,54                              |
| Transport width                                               |                                              |
| John Deere 24" Tracks                                         | 349                                          |
| John Deere 30" Tracks                                         | 379                                          |
| 650/75 R32 [m]                                                | 349                                          |
| 680/85 R32 [m]                                                | 349                                          |
| 680/75 R38 [m]                                                | 349                                          |
| 800/65 R32 [m]                                                | 379                                          |
| 800/70 R32 [m]                                                | 379                                          |
| 900/60 R32 [m]                                                | 399                                          |
| 520/85 R42 Dual Tires [m]                                     | 519                                          |
| Maximum Shipping height with tires [m]                        | 4                                            |
| Shipping length (with shortest or folded unloading auger) [m] | depending on configuration < 9,50            |
| Shipping weight (depending on options) [kg]                   | 16500                                        |
| Integrated Technology                                         |                                              |
| HarvestDoc Moisture and Yield Documentation                   | base                                         |
| GroundSpeedAutomation                                         | included with ProDrive                       |
| AutoTrac Guidance                                             | base                                         |
| Guidance Signal Availability                                  | SFI (free of charge); SF-RTK or RTK optional |
| AutoTrac Row Sense Guidance for corn headers                  | optional                                     |
| Automatic Combine Adjustment                                  | base                                         |
| Harvest Recommendations                                       | base                                         |
| Optimize Performance                                          | base                                         |
| JDLink Connectivity                                           | base * depending on country regulation       |
| ServiceAdvisor Remote                                         | base                                         |
| Remote Display Access                                         | base                                         |
| Wireless Data Transfer                                        | base                                         |
| Yield Analysis                                                | available via Operations Center Web / Mobile |
| Work Planner                                                  | available via Operations Center Web / Mobile |



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The John Deere dealer network is here to serve you. If you need a part, attachment, or service, you can head to a local dealer and use their expertise to find the right solution for your budget. They know the ins and outs of your combine and have a clear understanding of your unique needs. You can count on our highly trained technicians to keep you up and running.

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