

# W2 400 COMBINES

BUILT FOR RESULTS



**JOHN DEERE**

NOTHING RUNS LIKE A DEERE

# BUILT FOR RESULTS

## THE W2 400

When you bring a new W2 400 into your business, you do not just buy a new combine. You make an investment into better business results.

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### 14% MORE PERFORMANCE

Thanks to many smart features, our W2 400 combine delivers up to 14% more daily productivity.



# HARVEST LIKE NEVER BEFORE

Expect steadfastly reliable harvesting performance in all small grains, sorghum, millet, rape seed, corn, soybeans and other crops. Starting with the simple design of rigid or flexible heads with widths up to 6.5 m, you'll be harvesting with minimum losses whatever conditions you may find yourself in.



It's built tough, it's easy to maintain, and performs like a champ.

## 1 | UNINTERRUPTED CROP FLOW

Maximum uptime without plugging thanks to even feeding over the entire width of the threshing cylinder from the reversible feederhouse.

## 2 | SUPERIOR THRESHING QUALITY

Large threshing cylinder with 610 mm diameter and 8 rasp bars provide excellent threshing quality in all crops and conditions.

## 3 | LARGE WALKER AREA

5 straw walkers with 4.75 m<sup>2</sup> of separation area and optional power separator deliver amazing separation performance at top-notch operating efficiency.

## 4 | CLEANING SHOE

High-capacity and high speed harvesting with the large 4.30 m<sup>2</sup> cleaning shoe.

## 5 | POWERFUL CHOPPING

Excellent chopping performance with 52 knives and 49 counter knives. Easy knife engagement with chop to drop feature.

## 6 | MAXIMUM COMFORT

Large spacious cab offers you superior comfort during long working hours.

## 7 | MAXIMUM UPTIME

Large grain tank with 6000 L grain holding capacity reduces number of unloading cycles and its super easy to clean out.

## 8 | UNLOAD FASTER

Unload grain faster with high capacity unloading auger, reliable and extra fast with speeds up to 75 L/sec

## 9 | POWER SEPARATOR

Enhances separation performance and minimizes grain losses in the field. (Optional feature)

## 10 | POWERFUL AND RELIABLE ENGINE

The W2 400 combine is powered by a 6.8 L John Deere engine designed to handle varying harvesting conditions.

# CONSISTENTLY EVEN FEEDING

## REVERSIBLE FEEDERHOUSE

The reversible feederhouse always delivers even feeding over the entire width of the threshing cylinder. The result: less plugging than ever.

Thanks to the smart floating feed drum design and its easily accessed adjustment mechanisms, it's easy to consistently achieve optimal feeding, no matter how much or what type of crop you are working with.



## ALL SET FOR ANY CROP

With rigid or flexible heads you're ready for any crop or terrain. The rigid head is built for extra wear-resistance and delivers uninterrupted crop flow into the combine even in tough, wet conditions. The flexible header is great for soybean and by locking the cutter bar into the rigid position it can also be used for wheat or any other small grains harvesting.



## BETTER VISIBILITY

The long design of the feederhouse puts both header knife and stubble height into your field of vision without you having to strain your neck.

## FULLY ADJUSTABLE

The wide and long feederhouse features a height-adjustable floating feed drum and adjustable chain tension.

# OPTIMIZED FLOW

## HIGHER THRESHING PERFORMANCE

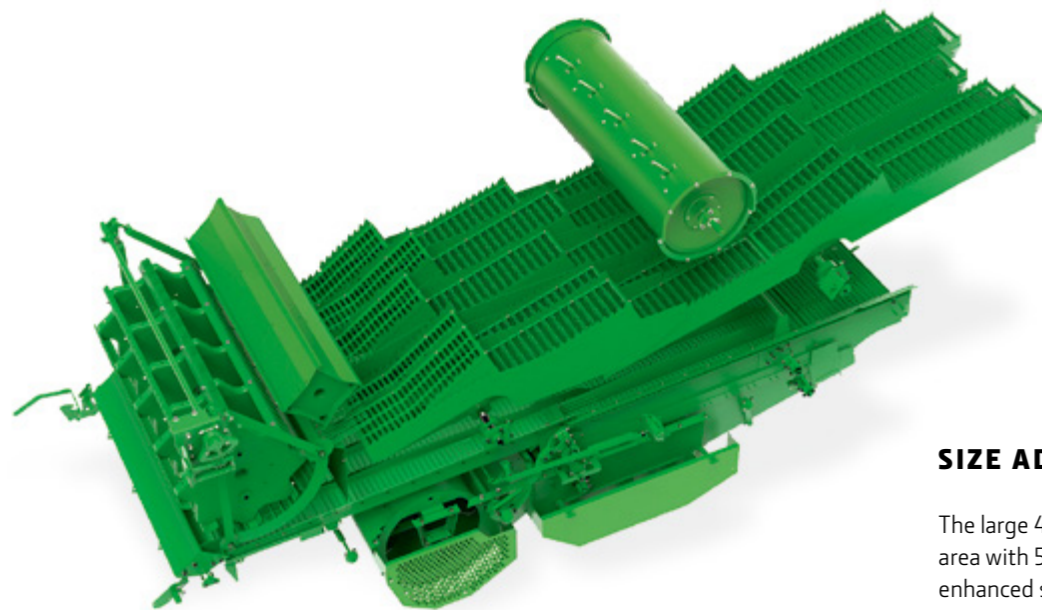
The straighter the path of your crop flow, the less power you need to achieve the quality you require.

With the outstanding performance and versatility of the large threshing cylinder, you're producing quality with efficiency all season long.



### STRAIGHT EFFICIENCY

A smooth crop flow designed without sharp turns or abrupt changes in direction reduces power consumption and guarantees excellent grain and straw quality to provide maximum returns per hectare.



### SIZE ADVANTAGE

The large 4.75 m<sup>2</sup> walker separation area with 5 straw walkers delivers enhanced separation performance and increases operating efficiency.

### THRESHING CYLINDER

The large 610 mm threshing cylinder combines maximum performance and highest product quality, allowing you to monitor and adjust cylinder speed and clearance from the cab to adapt to different crops and harvesting conditions. You'll experience smooth crop flow with reliable separation that produces the highest grain and straw quality.

### KEEP HARVESTING

The W2 400's shaft speed sensors and straw walker blockage alarm keep you moving. These alarm sensors help detect blockage that may lead to machine downtime. The blockage alarm reduces maintenance time and increases your overall efficiency.

### POSI-TORQUE DRIVE

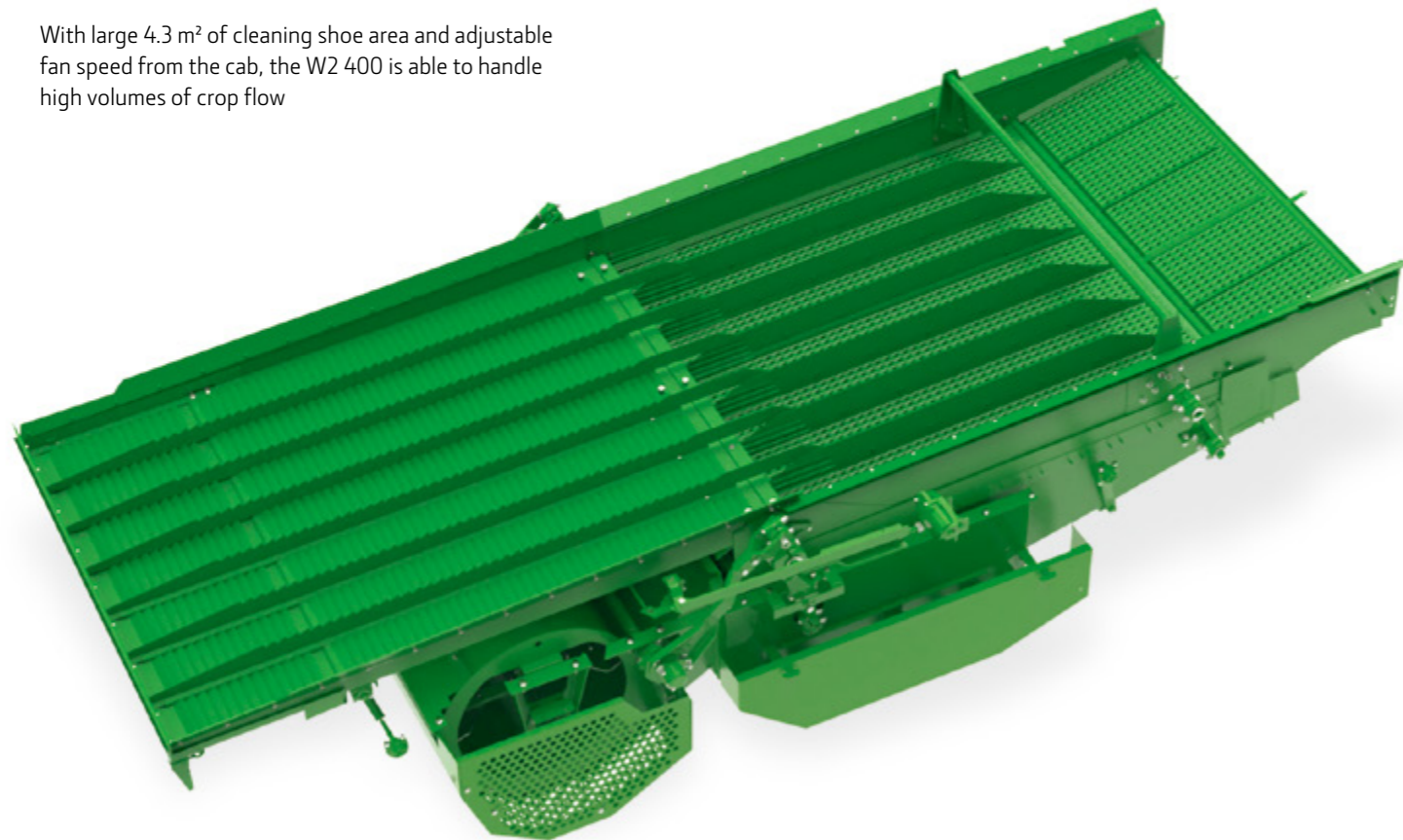
The PosiTorq system makes sure that your variator belt is always at the right tension, this prevent belt slippage in even the most challenging conditions.

# ALL ABOUT PERFORMANCE

## CLEANING SHOE

The productivity you're looking for means harvesting fast while handling high material throughput. Naturally, the W2 400 cleaning shoe is built for that.

With large 4.3 m<sup>2</sup> of cleaning shoe area and adjustable fan speed from the cab, the W2 400 is able to handle high volumes of crop flow



Robust and durable: The cleaning shoe of the W2 400 combine.

### ADJUSTABLE CLEANING FAN

Grain purity and efficiency go hand in hand on the W2 400's cleaning fan – for top harvest quality you can adjust fan speed from 440 to 1,200 rpm based on the crop you're harvesting and the conditions you're working in.

### CHAFFER SIEVE

Another key factor in the W2 400's enhanced cleaning capacity: The opening of the chaffer sieve can easily be adjusted according to grain size, crop moisture, chaff volume and other residue.



### POWERFUL STRAW CHOPPER

W2 400 has four rows of 52 knives and 49 counter knives that provides high chopping quality in a variety of crops.

With **Chop to Drop feature** in base, the operators can easily direct the straw flow either towards the chopper or down to the ground for baling using a lever.

# EXPERIENCE THE NEW LEVEL OF COMFORT

The large, spacious cab of the W2 400 provides you good visibility and maximum comfort during long harvesting hours.

Welcome to the superior comfort of the extra wide (1.53 m), air-conditioned W2 400 cab – featuring excellent all-around visibility and the CommandARM™ Operator Control Console, along with the new CommandPRO™ hydro handle and PDU+ display. Harvesting has never been this easy.



## COMFORTABLE OPERATORS SEAT

The mechanically suspended seat can be adjusted to give you maximum comfort during long working hours.

## ADJUSTABLE STEERING

The adjustable steering column lets you find the perfect seating position for your height, so that you have an excellent view of the cutting platform.

## ACCESS TO THE RIGHT HAND SIDE

The right cab door can be opened for a convenient and clear view into the tailings system.



## EASY TO OPERATE

Comfortably perform harvesting operations in the field with CommandARM™ Console and hydro handle. All machine controls are easily accessible from the operators seat.

## VISIBILITY

Excellent visibility of the surroundings from the cab. Re-designed cab mounted mirrors deliver the ultimate visibility – it's like having an extra set of eyes.



## MONITOR AND OPTIMIZE ON THE GO

The PDU+ display shows vital machine and harvesting parameters in real time allowing you to instantly react for optimal machine performance.



## FOLD-AWAY SEAT

Comfortable and ergonomically designed, the foldable instructor's seat is completely out of the way when not in use.

# HIGH SPEED UNLOADING ON THE GO

## UNLOADING PERFORMANCE

The high capacity unloading auger unloads the 6,000 L grain tank of the W2 400 combine in no time, thanks to its high unloading speed of 75 L/sec. The unloading auger swings 110 degrees to make it easier to unload and provides great visibility and ample clearance to the grain carts and trucks.



## HIGHLY EFFICIENT

Enjoy reduced number of unloading cycles and improved overall operational efficiency: thanks to the 6,000 L grain tank which features a new tank lid folding mechanism and is very easy to access and clean.



## HIGH CAPACITY UNLOADING AUGER

The top unloading auger ensures safe unloading on even the highest trailers. The operator has a good view of the auger during the unloading process, this ensures safe unloading.

## NON-STOP HARVESTING ON THE GO

Once the grain tank is full, the grain tank sensors triggers a rotary alarm light that signals the grain cart driver that it's time to unload.



# DRIVE WITH CONFIDENCE

## IN ANY TERRAIN

Whether you need performance on wet ground or need to cover a lot of distance on the way to the next field – the drivetrain and tires of the W2 400 will never let you down.

### POWERFUL HYDROSTATIC DRIVE

The powerful hydrostatic ground drive provides you maximum comfort while moving on the road. The machine engine generates enough torque to climb hilly areas with full grain tank.

### PROVEN FRONT AXLE

The renowned sturdiness and reliability of our 1000 Series front axle features powerful final drive and has a small turning radius for the agile and efficient performance that gets things done.

The simple, reliable 4-speed transmission does great in the field and on the road.



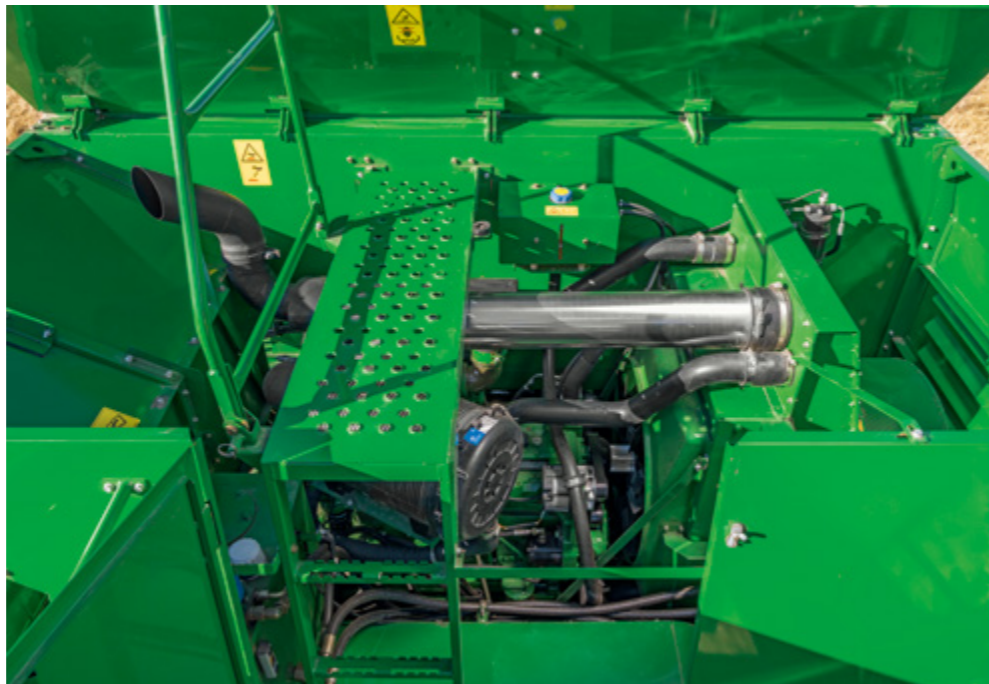
# THE AGRICULTURAL ENGINE

## BUILT FOR WHAT YOU DO

The John Deere 6.8 L turbo-charged PowerTech™ 6-cylinder engine is specifically designed to deliver the extended uptime you're looking for, and it comes with precise fuel injection technology that keeps fuel consumption low.

Our PowerTech™ engines provide consistent performance for uniform engine speeds and always deliver the power you need to do the job, even while unloading on the go.

We do something others don't. We design and build our own engines. It's how we're able to deliver on the unique performance requirements of agricultural work – like running at rated speed all day, and then handling abruptly changing loads such as during unloading on the go – without breaking a sweat.



## SPECIFICATIONS

### W2 400

#### ENGINE

Engine type	John Deere PowerTech™ E 6-cylinder engine
Emission level	Tier 3/Stage IIIA
Rated speed	2,400 rpm
Rated power	199 hp
Power boost at rated speed	10 hp
Fuel tank capacity	400 L

#### FEEDING

Drive type	Fixed
Stone trap	Standard
Reverser	8 hp

#### THRESHING / SEPARATION

Channel width	1,300 mm
Threshing cylinder diameter	610 mm
Threshing cylinder speed range	Single-speed cylinder drive: 495 to 1,140 rpm Optional dual-speed cylinder drive: 225 to 450 rpm
Concave area	0.77 m <sup>2</sup>
Beater finger rake	0.35 m <sup>2</sup>
Number of walkers	5
Walker area	4.75 m <sup>2</sup>
Walker aid	Optional Power Separator

#### CLEANING SYSTEM

Chaffer	2.42 m <sup>2</sup>
Sieve	1.87 m <sup>2</sup>
Total cleaning area (louvered)	4.3 m <sup>2</sup>
Cleaning fan speed	440 to 1,200 rpm

#### GRAIN HANDLING

Grain tank size	6,000 L
Unloading rate	75 L/s
Unloading auger swing range	110°
Unloading auger length	4.1 m
Transmission	Manual four-speed transmission
Maximum speed	24 km/h

# SUPPORTED BY ONE OF THE MOST RESPONSIVE DEALER NETWORKS IN THE BUSINESS

Nobody cares more about keeping your equipment in solid working order than your John Deere dealer. With a complete inventory of genuine John Deere parts, highly trained service technicians, and a thorough understanding of your business, your John Deere dealer knows how to keep you and your equipment up and running.

A strong name in equipment and a strong dealership network: get it all with John Deere.



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