

3050B

THE ALL NEW AFFORDABLE AMERICAN BRAND!

**DURABLE. RELIABLE.
COMFORTABLE.**



JOHN DEERE

THE NEW 3050B IS THE PERFECT ALL-ROUNDER:

COMPACT, MANOEUVRABLE AND LIGHT ON SOIL YET WITH ENOUGH POWER FOR YOUR EVERYDAY TASK.



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BUILT FOR COMFORT & PERFORMANCE

OVERVIEW

The new John Deere 3050B offers a perfect blend of performance with comfort, compactness with versatility and durability.

1 PERFORMANCE

- Strong and powerful 4 cylinder engine
- New 12F/12R mechanical reverser transmission
- Large fuel tank of 66L

2 COMPACTNESS

- Low weight and a compact envelope
- Wheelbase of 1,960mm, tight turning radius of 3,800mm
- New shuttle reverser and 45 degrees steering angle for better turning



4 VERSATILITY

- High lift capacity of 928kgf
- Dual PTO power
- Fully sealed front and rear axle

5 DURABILITY & RELIABILITY

- Designed to withstand even in tough conditions
- New paddy sealed front axle

3 COMFORT

- Fully hydrostatic power steering
- Ergonomically designed controls for easy access
- Superior riding experience with wide deluxe seat



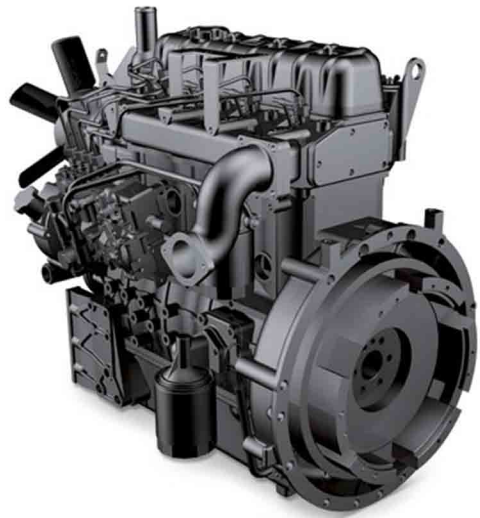
EASING THE WORKLOAD

PERFORMANCE

Unprecedented power gives you strength to get jobs done the way you want.

EXCEPTIONAL TORQUE

The new 3050B offers a strong and powerful 4 cylinder, Tier 2 engine, 36.8kW (50 hp) as well as high torque rise.



HIGH PTO PERFORMANCE

In combination with the new 12F/12R mechanical reverser transmission, the 3050B not only offers more speed options but also ensures a high PTO performance.



UNCOMPROMISING PERFORMANCE

COMPACTNESS

Compact performance: With a low weight of 2,000kg and low wheelbase 1,960mm, the 3050B offers a real compact envelop without compromises in performance.



KEEPS GOING LONGER

The 66L fuel tank enables longer working hours in the field.

HIGHLY MANOEUVRABLE

Turning at headlands is convenient with low turning radius of 3,800mm.

Quick turning is possible with the new shuttle reverser and high steering angle.

A JOY RIDE

COMFORT

Combining a high level of power and compactness, we have given 3050B a shape that will have you checking off your tasks in more comfort than ever.

ERGONOMIC CONTROLS

The clear layout of the operator station provides an unobstructed access to all controls while enjoying the work in the new, wide deluxe seat.



POWERFUL, COMPACT AND COMFORTABLE

VERSATILITY

The new John Deere 3050B is perfectly designed to fit your work environment, constructed to handle a wide range of implements, with high lift capacity, responsive hydraulic system and dual PTO power.

- 1 | 6 Splines (8 Splines optional)
- 2 | High lift capacity with 928kgf
- 3 | Bias Tires (Paddy Tires optional)
- 4 | Cat I lower lift link (Cat II balls optional)
- 5 | Ballasting: rear wheel weights in base



TECHNICAL SPECIFICATIONS

ENGINE PERFORMANCE		
Rated power	36.8 kW	50 hp
Maximum Power	36.8 kW	50 hp
Constant Power Range	2,100 - 2,300 rpm	
Torque Rise	20%	
Torque @ 1,200 rpm	168 Nm	
Maximum Torque	183 Nm	

ENGINE SPECIFICATIONS	
Engine Type	XinChai
Rated Speed	2,300 rpm
Cylinders and Displacements	4 / 3.168 L
Emission Level	Stage II
Aspiration	Naturally Aspirated
Number of Valves Per Cylinder	2
Cooling System and Fan Drive	Water Cooled
Fuel Injection System & Control	Inline Mechanical Pump
Bore and Stroke	98 x 105
Compression Ratio	18.5 : 1

HYDRAULIC SYSTEM	
System Type	Open Center Hydraulic System
Base Hydraulic Pump (Steering & Transmission Control)	6 L/min
Hydraulic pump (SCV & Rockshaft)	20.6 L/min
Number of SCV	1
System Pressure	17 - 18 mpa

TRANSMISSION	
12F / 12R Shuttle Shift with Dual Clutch, Collar Gear, 35 km/h	

FUEL TANK	
Fuel Tank Capacity	66 L

BALLASTING	
Front Weights	8 x 13 kg
Rear Weights	4 x 41 kg

REAR PTO		
540 / 720		
PTO Power	≥ 31.5 kW	≥ 43 hp
Clutch Type	Single Disc Dry Clutch	
Number of Splines	6 Splines (Optional 8)	
Engine at Rated PTO Speed	540 @ 1,970 rpm	720 @ 2,200 rpm

3 POINT HITCH - REAR		
Category	CAT I / CAT I with Category II Ball	
Lower Link Type	Ball Type	
Control Type	Mechanical	
Control Modes	Draft, Position and Floating Control	
Max. Lift Capacity @ Hitching Point	1,080 kgf	10.6 kN
Max. Lift Capacity @ 610 mm Behind Hitching Point	928 kgf	9.1 kN

DIMENSION AND WEIGHTS	
Wheelbase	1,960 mm
Total Length	3,570 mm
Height Center of Rear Axle to Top of ROPS	1,870 mm
Total Height to Top of ROPS	2,420 mm
Ground clearance 4WD min - max	305 mm
Rear overall width 4WD min - max	1,770 mm
Total weight OOS	2,000 kg
Maximum Permissible Weight	3,500 kg

TURNING RADIUS	
Minimum Turning Radius Without Brakes	4,400 mm
Minimum Turning Radius With Brakes	3,800 mm

WHEELS AND TIRES		
Option 1	Front : 7.50 - 16 PR-1	Rear : 11.0 - 28 PR-1
Option 2	Front : 8.30 - 20R-1	Rear : 12.4 - 28R-1

