

# PRECISION DISK™ 500T SINGLE DISK AIR DRILL

**CASE II**  
AGRICULTURE



# PRECISION DISK 500T SPECIFICATIONS



SPECIFICATIONS	25 ft. (7.62 m)	30 ft. (9.14 m)	40 ft. (12.19 m)
<b>CONFIGURATIONS</b>			
Tank Style	Mounted Tank		
Tank Capacity	Single 70 bu.		Single 100 bu.
Row Spacing	10 in. (25.4 cm) standard or 7.5 in. (19.05 cm) optional		
<b>FRAME</b>			
Weight (Empty) Est.	7.5 in. – 18,800 lbs. (8 500 kg) 10 in. – 17,000 lbs. (7 700 kg)	7.5 in. – 21,000 lbs. (9 600 kg) 10 in. – 19,200 lbs. (8 700 kg)	7.5 in. – 26,500 lbs. (12 000 kg) 10 in. – 23,800 lbs. (10 800 kg)
Fold Type	Single Fold		
Wing Flex	3 section flex (10° down & 15° up)		
Hitch	Floating		
Transport Height	12 ft. (3.65 m)	13 ft. (3.96 m)	13.8 ft. (4.2 m)
Transport Width	12 ft. (3.65 m)		18.5 ft. (5.63 m)
Tire Package—Standard	Stubble Resistant Tires All Locations Quantity: 12 Total Wheels Front of Mainframe – 12.5Lx15 Dual Wheels on Castoring Rigid Axles Front and Rear of Each Wing – 12.5Lx15 Single Wheel (front on castor) Rear of Mainframe – 12.5Lx15 Dual Wheels on Rigid Axles	Stubble Resistant Tires All Locations Quantity: 12 Total Wheels Front of Mainframe – 12.5Lx15 Dual Wheels on Walking Beam Axles Front and Rear of Each Wing – 12.5Lx15 Single Wheel (front on castor) Rear of Mainframe – 18Lx16.1 Dual Wheels on Rigid Axles	Stubble Resistant Tires All Locations Quantity: 16 Total Wheels Front of Mainframe – 12.5Lx15 Dual Wheels on Castoring Walking Beam Axles Front and Rear of Each Wing – 12.5Lx15 Dual Wheels Walking Beam Axles (front on castor) Rear of Mainframe – 18Lx16.1 Dual Wheels on Walking Beam Axles
Tire Package—High Flotation (Optional)	Stubble Resistant Tires All Locations Quantity: 12 Total Wheels Front of Mainframe - 12.5Lx15 Dual on Castoring Walking Beam Axles Front and Rear of Each Wing – 12.5Lx15 Single Wheel (front on castor) Rear of Mainframe - 12.5Lx15 Dual Wheels on Walking Beam Axles	Stubble Resistant Tires All Locations Quantity: 16 Total Wheels Front of Mainframe – 12.5Lx15 Dual Wheels on Castoring Walking Beam Axles Front and Rear of Each Wing – 12.5Lx15 Dual Wheels Walking Beam Axles (front on castor) Rear of Mainframe – 18Lx16.1 Dual Wheels on Walking Beam Axles	
<b>METERING/MONITORING</b>			
Meter Drive System	Variable Rate Hydraulic Drive (three pre-set settings on display)		
Meter Roller Options	Extra Fine, Fine, Coarse		
Display System	AFS Pro 700 or ISO11783 Compliant Display		
Flow Monitor	Standard All-Run System		
Section Control	Two Section (Std.) and AFS Controlled Four Sections (Opt.)		
Distribution Lines	1 in. (25 mm) or 1.25 in. (38 mm) (ID depends on location) - UV resistant hose		
<b>ROW UNIT/OPENER</b>			
Minimum PTO HP Requirement	10 in. – 120 HP* 7.5 in. – 160 HP*	10 in. – 145 HP* 7.5 in. – 195 HP*	10 in. – 195 HP* 7.5 in. – 260 HP*
Operating Speed	5–8 mph (8–12.7 kph)		
Depth Adjustment	Per Opener 0–3.5 in. (0–8.9 cm) 14 Increments With Single “T” Handle		
Row Unit Vertical Travel (from surface)	8.5 in. up (21.6 cm); 11.5 in. down (29.2 cm)		
Road-To-Opener Clearance	8.5 in. (21.6 cm)		
Row Unit Spring Down Pressure per Row	160–400 lbs. (73 kg–181 kg)		
Rank Down Pressure Adjustment	Single Point Hydraulic (Optional In-Cab) - 200–1 400 psi		
Opening Disk	18 in. (45.72 cm) Single Bevel at 7°		
Closing System	Double Edge, Single Wheel		
Closing System Pressure @ 1.5 in. (38 mm)	3 Settings 60, 75, 85 lbs. (27, 34, 39 kg)		

\*Minimum requirements are a starting point only and should be increased based on operating conditions in the field, road transport conditions, and other implements that are used with the drill.

SAFETY NEVER HURTS!<sup>TM</sup> Always read the Operator’s Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided. CNH America LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice. Availability of some models and equipment builds varies according to the country in which the equipment is used.

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