Precision Disk™ 550T Disk Drill

PIN CBJY0500VMS101002 and after

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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Transport

⚠ WARNING

Loss of control hazard!
DO NOT exceed 32 km/h (20 mph) when towing the machine.
Failure to comply could result in death or serious injury.

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NOTE: *For safe operation of the machine, the weight of the disk drill should be no greater than 1.5 times the weight of the tractor. Refer to the specifications section, page* ***8-3****, for drill weights.*

Hydraulic control requirements

Operation of the hydraulic driven fan on the mounted tank requires the tractor to have either a load sensing hydraulic system or a closed center system with flow control. These types of hydraulic systems usually have large oil reservoirs and increased oil cooling capacity, **114 l/min** (**30 US gpm**).
Three hydraulic remotes are required.
The tractor relief pressure must be **16900 kPa** (**2450 psi**) minimum.

Electrical requirements

12 V DC electrical system is required.
The tractor must be equipped with a seven pin auxiliary outlet at the hitch for warning lights.
The tractor must be ISO bus compliant or equipped with a three–conductor **ISO/TR 12369** Type 2 connector in the cab for the monitor; if not, there is an adapter harness available.

COMPONENT	REQUIRED CURRENT
Monitor	**16 A** continuous switched current

Preparing the hydraulics

1. Prepare a remote hydraulic connecting point and be sure the flow control is operational.
2. Review operation of the detent position of the hydraulic control lever for the selected remote hydraulics.
3. Top up the oil in the tractor hydraulic reservoir. Refer to your tractor operator's manual.

NOTICE: *Be sure the case drain line from the fan motor is connected at all coupler points and fittings. Machine damage will result.*

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MAINTENANCE CHART

Maintenance chart

Maintenance action	Adjust / Check		Lubricate / Grease		Page no.
As required					
Check lighting system	x				6-5
Seed flap inspection	x				6-7
Mud scraper and trash shield		x			6-8
Packer wheel position		x			6-10
Closing wheel angle		x			6-11
Gauge wheel to opener disk gap		x			6-13
Every 10 hours or daily					
Daily inspection	x				6-14
Rear wheels - Check	x				6-15
Drive chain lubrication			x		6-15
Every 50 hours or yearly					
Caster wheel				x	6-16
Air package	x				6-16
Wheel bearings				x	6-16
Wheel hub				x	6-17
Rear wheel				x	6-17
Disk opener				x	6-18
Opener disk inspection and replacement	x				6-18
Disk scrapers	x				6-19
Hydraulic system - check	x				6-20
Electronics	x				6-20

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Disk drill dimensions

Metric dimensions (meters)

	18.3 cm Spacing		25.4 cm Spacing		38.1 cm Spacing	
BASE MACHINE	# of Openers	Width of Cut	# of Openers	Width of Cut	# of Openers	Width of Cut
9.1 m	48	9.1 m	36	9.1 m	24	9.1 m
12.2 m	64	12.2 m	48	12.2 m	32	12.2 m

BASE MACHINE	Transport Height (1)	Transport Width (2)	Drill Length (3) *
9.1 m	3.99 m	3.79 m	8.43 m
12.2 m	4.23 m	5.69 m	9.09 m

*Length is the machine length without any field hitches in transport position.

Imperial dimensions (feet)

	7.5 in Spacing		10 in Spacing		15 in Spacing	
BASE MACHINE	# of Openers	Width of Cut	# of Openers	Width of Cut	# of Openers	Width of Cut
30 ft	48	30 ft	36	30 ft	24	30 ft
40 ft	64	40 ft	48	40 ft	32	40 ft

BASE MACHINE	Transport Height (1)	Transport Width (2)	Drill Length *
30 ft	13 ft 1 in	12 ft 5 in	27 ft 8 in
40 ft	13 ft 10 in	18 ft 8 in	29 ft 10 in

*Length is the machine length without any field hitches in transport position.

Safety chain

18140 kg (40000 lb) supplied

Noise level

80 dB 1 m (3 ft) from the fan

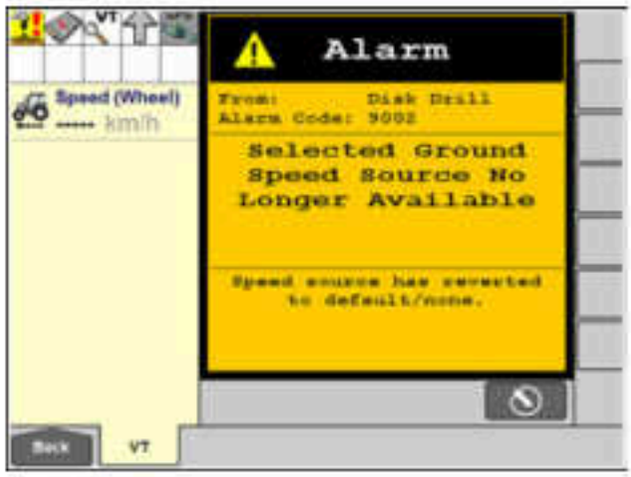
Capacities

Tank capacity

BASE MACHINE	Tank Size
9.1 m (30 ft)	3876 L (110 Bu)
12.2 m (40 ft)	4935 L (140 Bu)

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9002 - "Selected Ground Speed Source No Longer Available"



9101 - "Downpressure Out of Range"



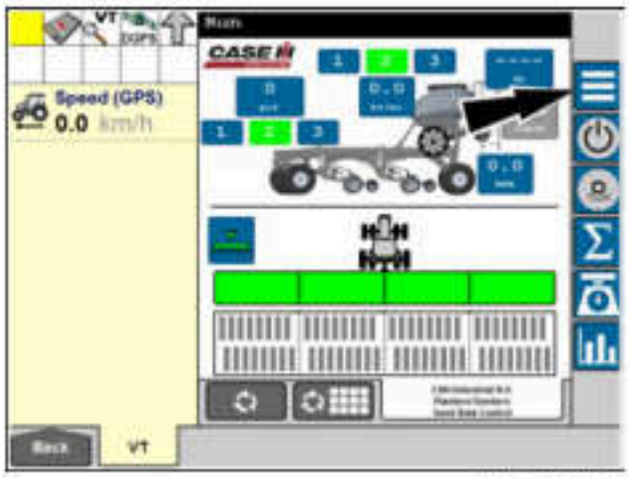
9102 - "Downpressure Controller Gain Set To Zero"



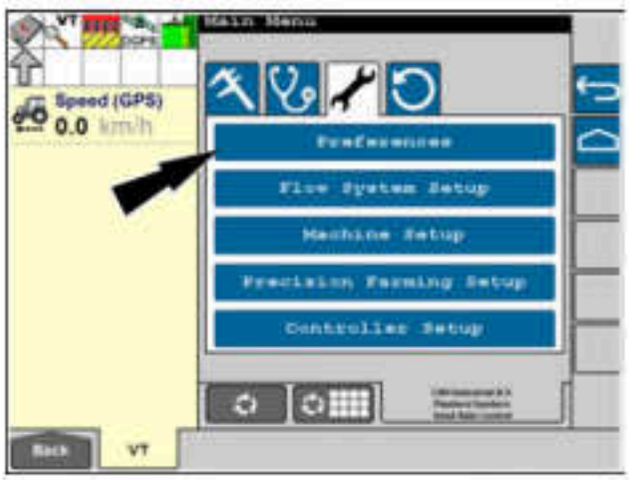
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Flow system setup - dual rank

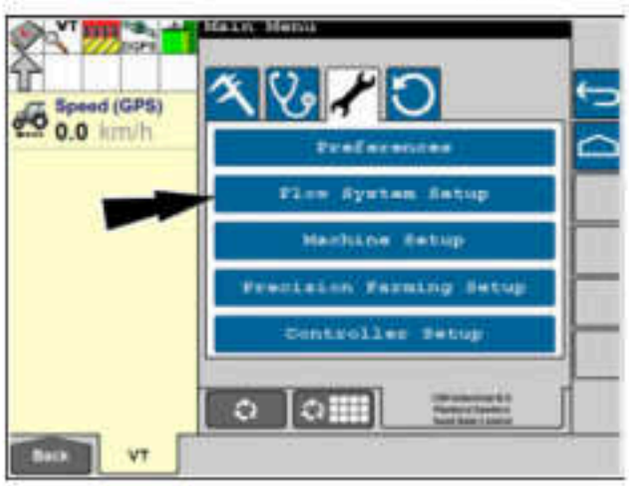
1. Select the main menu button  from the "Run" screen.



2. Select the setup tab 
3. Select "Preferences".



4. Select "Flow System Setup".



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