Precision Disk 40

Air Disk Drill

OPERATOR'S MANUAL

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Transport safety

⚠ DANGER

Loss of control hazard!
Make sure you use a towing vehicle with adequate weight. Towing with an underweight vehicle could cause a loss of control during transport or braking. Calculate the minimum towing vehicle weight required as instructed in this manual.
Failure to comply will result in death or serious injury.

D9046A

⚠ DANGER

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

D9017A

Important information about transporting

General Transporting Guidelines

As a general rule, the weight of the towed equipment should be less than or equal to the weight of the towing vehicle.
Under no circumstances should the weight of the towed equipment be more than 1.5 times the weight of the towing vehicle.
Always transport with the air cart empty, taking extra care on turns and hills.

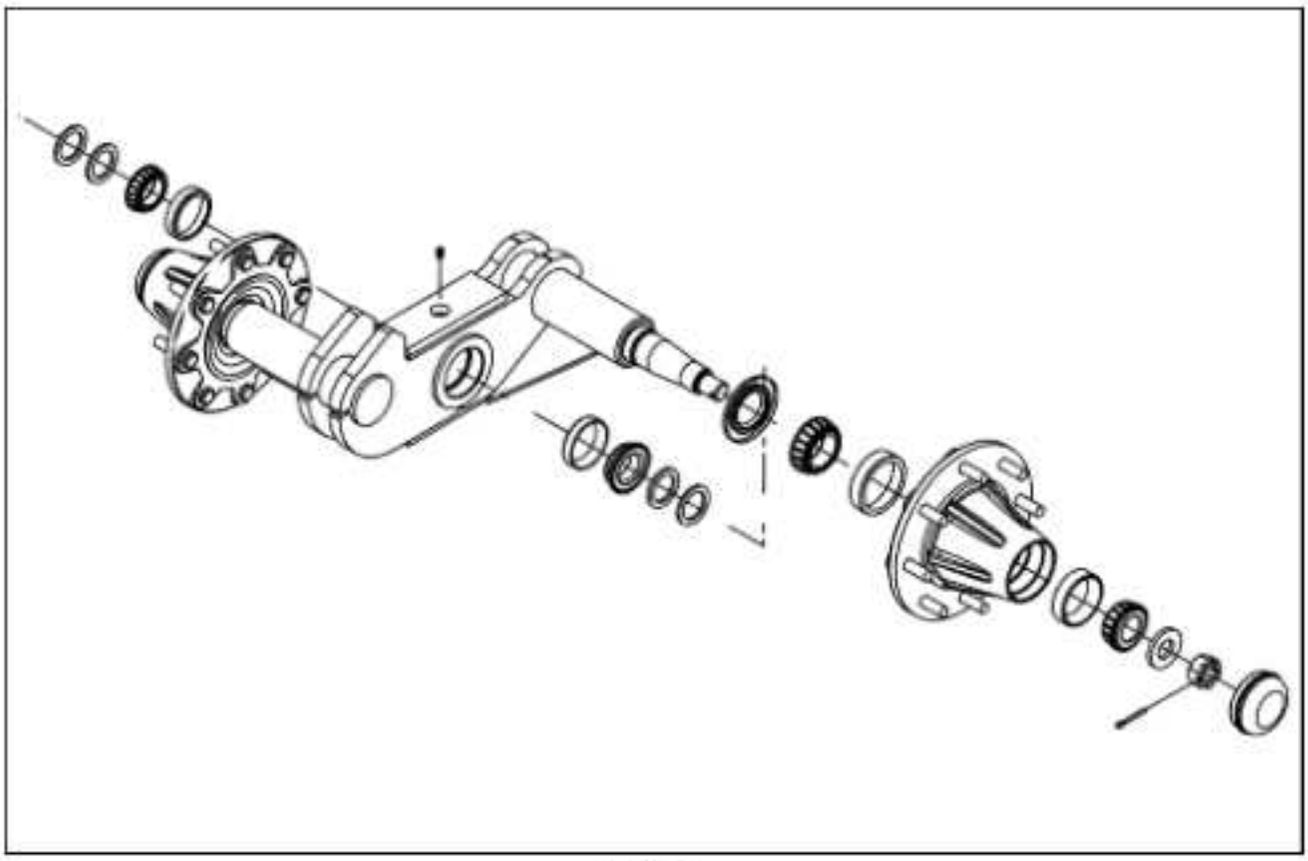
The towing vehicle must be able to control the moving mass. Refer to 'Calculating the Minimum Towing Vehicle Weight for Safe Transport' in this section to calculate the minimum towing vehicle weight for safe transport.
The towing vehicle must be able to brake (stop) when required.
Avoid sudden stops.
Enter turns at a slow speed.
Do not brake or decelerate during cornering.
Avoid sharp turns to reduce side loading on the rear wheels of the seeding tool.
Avoid steep slopes.
Do not travel through ditches or ravines.

NOTICE: *Ensure a safety chain is installed between the drill and transport vehicle.*

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Hub - Grease

Servicing wheel bearings



2-107055 1

Every 50 hours of operation, use a pressure lubrication gun and apply enough **CASE IH AKCELA MULTI-PURPOSE GREASE 251H EP** grease to flush out the old grease and dirt. The old grease will be flushed out at the seal. The seal design permits this and will not be damaged. Check the hub cap for tightness after flushing.

Every 500 hours of operation or once per year, the wheel bearing must be disassembled, cleaned and filled with new grease. Use **CASE IH AKCELA MULTI-PURPOSE GREASE 251H EP**.

To service wheel bearings:

1. Lower the openers to the ground. Raise the frame until the wheels raise above the ground.
2. Support the frame with stands. Remove the cap, cotter pin, nut, washer and outer bearing.
3. Remove wheel and hub assembly from the spindle. Remove inner bearings. Clean and inspect the bearing and bearing cup for damage and replace if required.
4. Remove the seal from the spindle and the sleeve from the hub and discard.
5. Fill the bearing with **CASE IH AKCELA MULTI-PURPOSE GREASE 251H EP**. Work the grease into the wheel bearings until each part of the bearing is completely full of grease.

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7 - SPECIFICATIONS

General specifications

Drill

Single disk opener no till air drill	3 section Over center fold Floating hitch
Opener lift system	Hydraulic cylinder on subbar
Lift system wings	Four **5 in** x **30 in** hydraulic cylinders
Rank spacing	**165 cm** (**65 in**)

Safety chain

Safety chain	**27215 kg** (**60000 lb**)

Electrical system

System voltage	**12 V**, negative ground

Replacement bulbs

Turn signal and flasher lamps	No. **1156**
Tail lamps	No. **168**

Weight

Dimensions

Drill spacing	Number of openers	Working width	Transport width	Transport height	Transport clearance	Length	Weight
19.1 cm (7.5 in)	64	**12.19 m (40 ft)**	**5.08 m (16.7 ft)**	**4.78 m (15.7 ft)**	**20 cm (8 in)**	**8.5 m (27.9 ft)**	**13800 kg (30424 lb)**
24.5 cm (10 in)	48	**12.19 m (40 ft)**	**5.16 m (16.9 ft)**	**4.78 m (15.7 ft)**	**20 cm (8 in)**	**8.5 m (27.9 ft)**	**11600 kg (25574 lb)**
38.1 cm (15 in)	33	**12.19 m (40 ft)**	**5.16 m (16.9 ft)**	**4.78 m (15.7 ft)**	**20 cm (8 in)**	**8.5 m (27.9 ft)**	**10390 kg (22906 lb)**

NOTE: *Dimensions and weights do not include markers. If end markers are installed, add* ***455 kg (1003 lb)*** *to the machine weight.*

NOTE: *Dimensions and weights do not include the optional weights for the* ***19 cm (7.5 in)*** *drill. Center section weights can be added up to* ***1820 kg (4012 lb)****, wing weighs can be up to* ***230 kg (507 lb)*** *per side.*

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