340 True-Tandem (19 - 34 Foot)

Tandem Disk

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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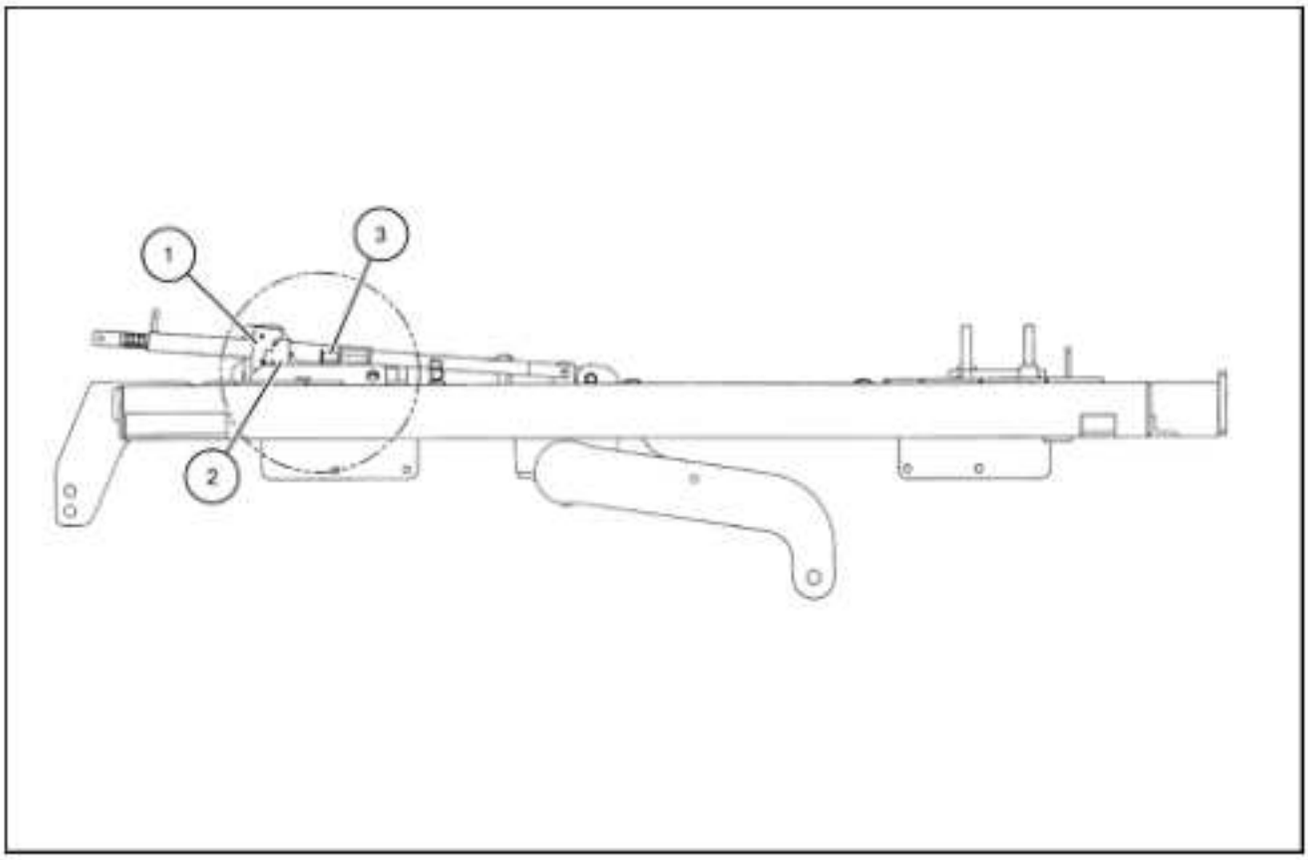
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Single point depth control alignment

Reference	Description
1	U shaped bracket
2	Depth control valve plunger
3	Depth stop pin
4	Depth control valve misaligned
5	Depth control valve aligned

NOTICE: *Center lines of depth stop pin and depth control valve plunger must be parallel for proper operation.*

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MAINTENANCE CHART

Lubrication and maintenance chart

Interval	Page Nb.	Maintenance Action	Adjust Nb. of pts	Grease	Check	Cleaning	Lubricate	
ADJUSTMENTS	5-7	Cushion leveling assembly spring length		X				
Every 10 hours or daily	5-9	Rockshaft bearing upper			X			
	5-9	Rockshaft bearing lower			X			
	5-9	Wing wheel arm pivot			X			
	5-10	Wing gang hinge			X			
After first 10 hours and periodically	5-11	Wheel bolt torque				X		
	5-12	Arbor bolts				X		
	5-12	Frame bolts				X		
Every 50 hours	5-13	Disk bearings			X			
	5-13	Wheel Hub			X			
	5-14	Pivoting stabilizer wheel			X			
	5-14	Walking tandem pivot			X			
Every 250 hours or yearly	5-15	Cushion leveling assembly screw thread			X			
	5-15	Walking tandem pivot				X		
	5-15	Pivoting stabilizer wheel				X		
	5-16	Wheel Hub					X	
	5-17	Pivoting stabilizer wheel					X	
	5-18	Wheel bearings						X
	5-19	Transport wheel bearings						X
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	5-22	Disk blades				X		
	5-23	Walking tandem pivot				X		
Periodic checks	5-26	Rigid or cushion disk gang assembly		X				
	5-28	Rigid and cushion gang bearing spacing		X				
	5-52	Disk blade and cushion bearing spool assembly		X				
	5-53	Disk blade and rigid bearing spool assembly		X				

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Weight

Weight 191 mm (7–1/2 in) spacing (without rear harrow)

Disk size	Rigid gang	Cushion gang
5.8 m (19 ft):	**3621 kg (7982 lb)**	**3888 kg (8572 lb)**
6.7 m (22 ft)	**3967 kg (8745 lb)**	**4267 kg (9408 lb)**
7.6 m (25 ft)	**5275 kg (11629 lb)**	**5609 kg (12366 lb)**
8.5 m (28 ft)	**5719 kg (12609 lb)**	**6054 kg (13346 lb)**
9.4 m (31 ft) (24 bearings)	**5997 kg (13222 lb)**	**6398 kg (14106 lb)**
10.4 m (34 ft) (28 bearings)	**6356 kg (14013 lb)**	**6824 kg (15045 lb)**

Weight 229 mm (9 in) spacing (without rear harrow)

Disk size	Rigid gang	Cushion gang
5.8 m (19 ft):	**3621 kg (7982 lb)**	**3888 kg (8572 lb)**
6.7 m (22 ft)	**3967 kg (8745 lb)**	**4267 kg (9408 lb)**
7.6 m (25 ft)	**5275 kg (11629 lb)**	**5609 kg (12366 lb)**
8.5 m (28 ft)	**5719 kg (12609 lb)**	**6054 kg (13346 lb)**
9.4 m (31 ft) (24 bearings)	**5997 kg (13222 lb)**	**6398 kg (14106 lb)**
10.4 m (34 ft) (28 bearings)	**6356 kg (14013 lb)**	**6824 kg (15045 lb)**

Highway transport chain

Capacity:	
5.8 — 9.4 m (19 — 31 ft):	**88964 N (20000 lb)**
10.4 m (34 ft):	**133446 N (30000 lb)**

Hydraulics

Lift cylinders	
Disk **5.8 — 6.7 m (19 — 22 ft)**	
Main frame	Two **89 x 203 mm (3–1/2 x 8 in)**
Wing fame	Two **83 x 203 mm (3–1/4 x 8 in)**
Disk **8.5 — 9.4 m (28 — 31 ft)**	
Main frame	Two **102 x 203 mm (4 x 8 in)**
Wing frame	Two **95 x 203 mm (3–3/4 x 8 in)**
Disk **10.4 m (34 ft)**	
Main frame	Two **108 x 203 mm (4–1/4x 8 in)**
Wing frame	Two **102 x 203 mm (4 x 8 in)**
Wing folding cylinders	
Disk **5.8 — 7.6 m (19 — 25 ft)**	Two **89 x 1067 mm (3-1/2 x 42 in)**
Disk **8.5 — 10.4 m (28 — 34 ft)**	Two **102 x 1067 mm (4 x 42 in)**
Leveling cylinder (if equipped)	**127 x 203 mm (5 x 8 in)**

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