370 True-Tandem (19 - 37 Foot)

Tandem Disk

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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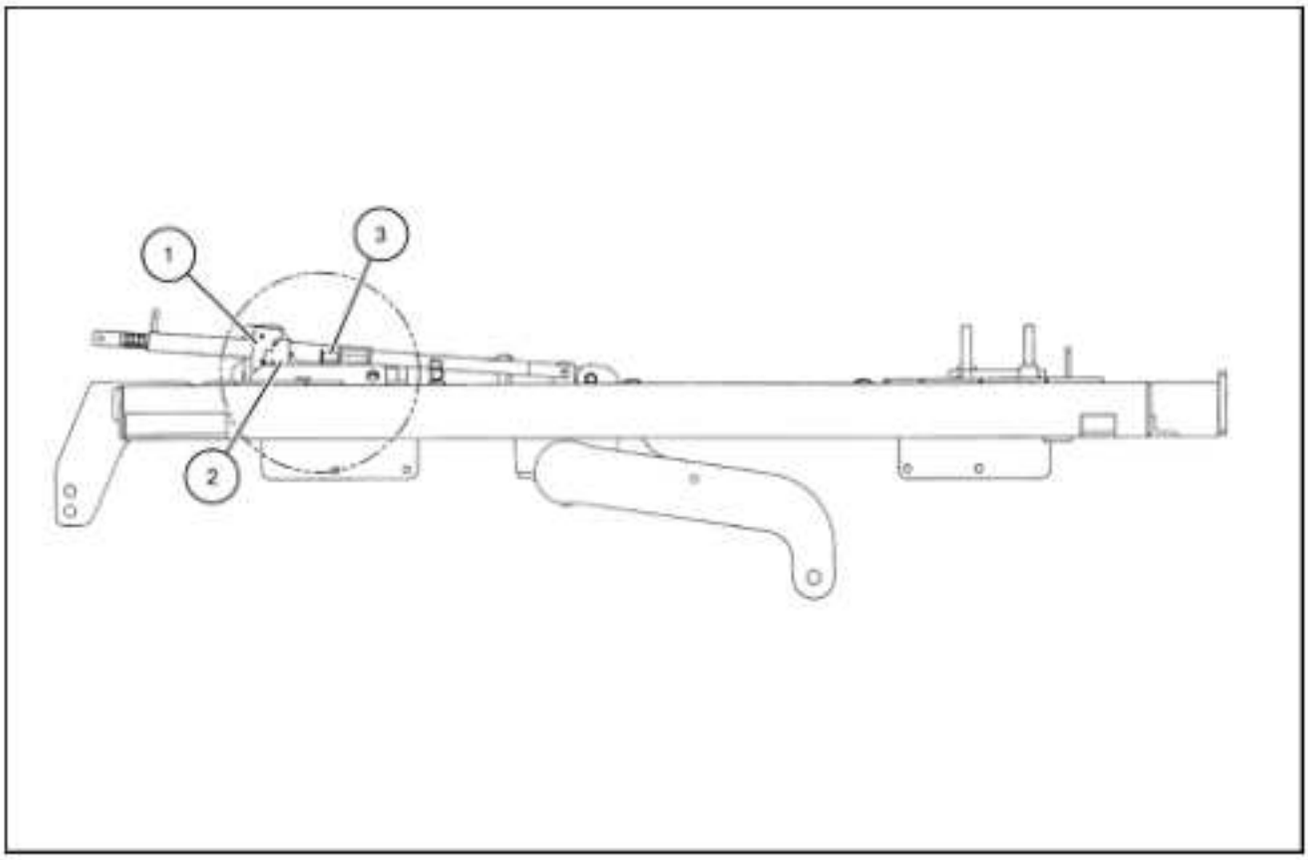
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Single point depth control alignment

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

NOTE: *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	Nb. of pts	Adjust	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		
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	5-18	Wheel bearings						X	
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	5-42	Disk blade and cushion bearing spool assembly		X					
	5-43	Disk blade and rigid bearing spool assembly		X					

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Weight

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

Disk size	Rigid gang	Cushion gang
5.8 m (19 ft):	**4128 kg (9100 lb)**	**4395 kg (9690 lb)**
6.7 m (22 ft)	**4552 kg (10035 lb)**	**4853 kg (10698 lb)**
7.6 m (25 ft)	**6036 kg (13306 lb)**	**6300 kg (13890 lb)**
8.5 m (28 ft)	**7151 kg (15765 lb)**	**7485 kg (16502 lb)**
9.4 m (31 ft) (26 bearings)	**7494 kg (16521 lb)**	**7928 kg (17479 lb)**
10.4 m (34 ft) (28 bearings)	**7776 kg (17143 lb)**	**8244 kg (18175 lb)**
11.3 m (37 ft)	**8391 kg (18500 lb)**	**8860 kg (19532 lb)**

Highway transport chain

Capacity:	
5.8 — 7.6 m (19 — 25 ft):	**88964 N (20000 lb)**
8.5 — 11.3 m (28 — 37 ft):	**133446 N (30000 lb)**

Hydraulics

Lift cylinders	
Disk **5.8 — 7.6 m (19 — 25 ft)**	
Main frame	Two **102 x 203 mm (4 x 8 in)**
Wing fame	Two **95 x 203 mm (3–3/4 x 8 in)**
Disk **8.5 — 10.4 m (28 — 34 ft)**	
Main frame	Two **108 x 203 mm (4–1/4 x 8 in)**
Wing frame	Two **102 x 203 mm (4 x 8 in)**
Disk **11.3 m (37 ft)**	
Main frame	Two **114 x 203 mm (4–1/2x 8 in)**
Wing frame	Two **108 x 203 mm (4–1/4 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)**
Disk **11.3 m (37 ft)**	Two **114 x 1067 mm (4–1/2 x 42 in)**
Leveling cylinder (if equipped)	**127 x 203 mm (5 x 8 in)**

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