Heavy-Offset 790
Disk Harrow

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YAB79000 and after

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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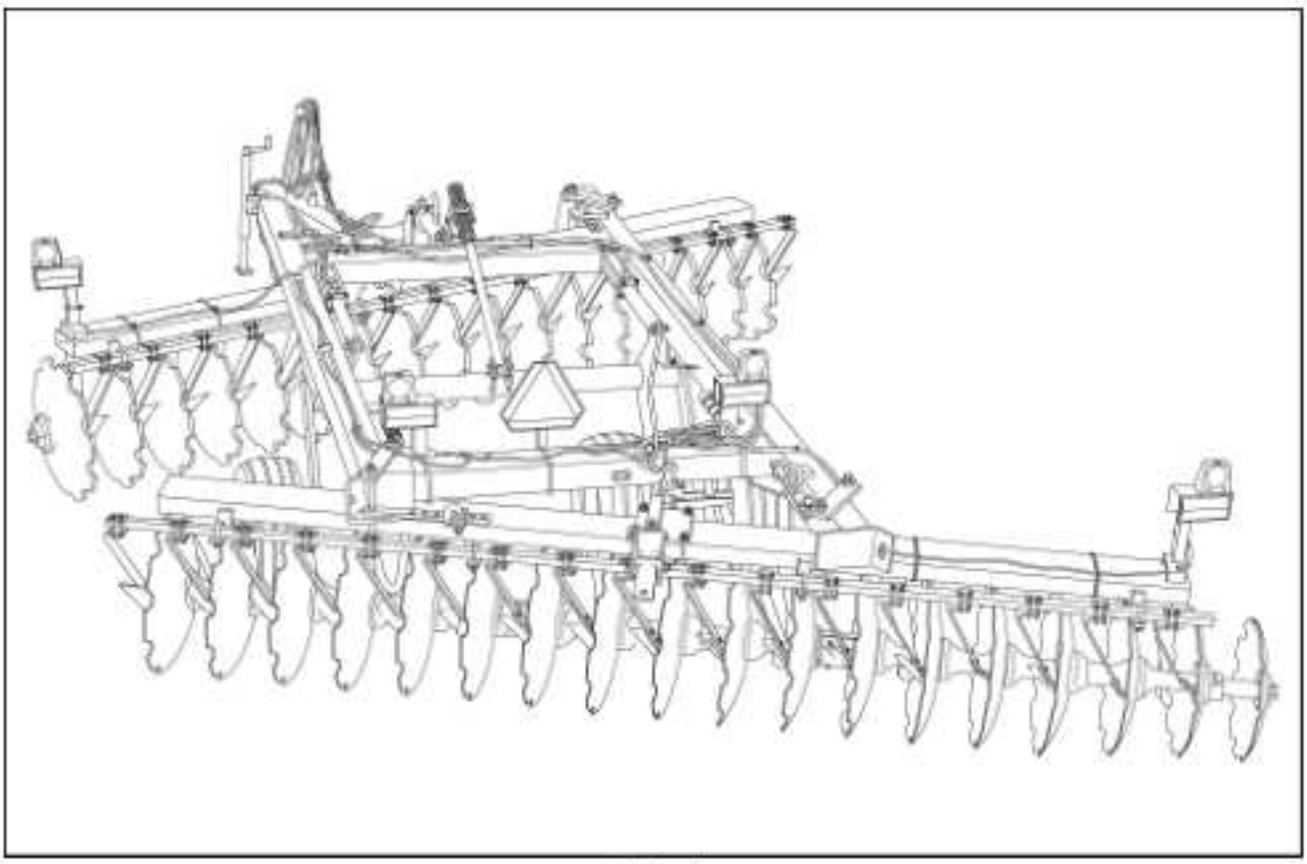
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3 - OPERATING INSTRUCTIONS

COMMISSIONING THE UNIT

Field operation



1

Complete the following steps before operating your heavy-offset disk:

1. Lubricate the heavy-offset disk according to instructions in the "Lubrication and maintenance chart" on **6-17** in this manual.
2. Check all hardware and pins for wear.
3. Torque hardware to the specifications listed in "Torque" starting on **6-4** or "Special bolt torque" on **6-9**.
4. Check the routing of all hoses and wiring to prevent damage during operation.
5. Check tires for correct air pressure. Refer to the specifications in "Wheels and tires" on **8-4**.
6. Check all safety equipment.
7. Read and understand the operating instructions in this manual.

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MAINTENANCE CHART

Lubrication and maintenance chart

Maintenance action	Adjust			Grease		Page no.
		Tire inflating	Check		Lubricate	
As required maintenance						
Lubrication points	x					6-18
Tire pressure		x				6-19
Cushion leveling assembly spring length			x			6-20
Disk blades	x					6-22
Arbor bolts	x					6-23
All-purpose disk gang assembly	x					6-24
Plowing disk gang bearing assembly	x					6-26
Disk gang layouts	x					6-29
After the first 10 hours						
Wheel bolt torque	x					6-42
Every 10 hours of operation or daily						
Upper rockshaft bearing grease locations				x		6-43
Lower rockshaft bearing grease locations				x		6-43
Wing gang hinge grease locations				x		6-44
Wing cylinder extension grease locations				x		6-44
Every 50 hours or weekly						
All-purpose disk gang bearing grease locations				x		6-45
Plowing disk gang bearing grease locations				x		6-45
60-8 mainframe wheel bearings				x		6-46
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Every 500 hours or yearly						
Repack the main frame wheel bearings					x	6-47
Single point depth control (SPDC) lubrication point					x	6-50

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Weight

Implement size	Weight
3.4 m (11 ft)	**3715 kg (8190 lb)**
4.3 m (14 ft)	**3856 kg (8500 lb)**
5.2 m (17 ft)	**4309 kg (9500 lb)**
6.1 m (20 ft)	**4672 kg (10300 lb)**
6.4 m (21 ft)	**5941 kg (13097 lb)**
7.3 m (24 ft)	**6583 kg (14514 lb)**
8.2 m (27 ft)	**7096 kg (15644 lb)**

Highway transport chain

Implement size	Capacity
3.4 – 4.3 m (11 – 14 ft) all-purpose and plowing	**89.0 kN (20000 lb)**
5.2 – 6.1 m (17 – 20 ft) all-purpose	**133.4 kN (30000 lb)**
5.2 – 6.4 m (17 – 21 ft) plowing	**133.4 kN (30000 lb)**
7.3 – 8.2 m (24 – 27 ft) all-purpose	**133.4 kN (30000 lb)**

Hydraulic cylinders

Lift cylinders	
Main frame	Two **89 x 406 mm (3-1/2 x 16 in)**
Wing fold cylinders	
6.4 – 7.3 m (21 – 24 ft)	Four **89 x 406 mm (3-1/2 x 16 in)**
8.2 m (27 ft)	Four **102 x 406 mm (4 x 6 in)**

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