OPERATOR'S MANUAL

H5410
Crop Merger



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NEW HOLLAND AGRICULTURE

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3 - OPERATING INSTRUCTIONS

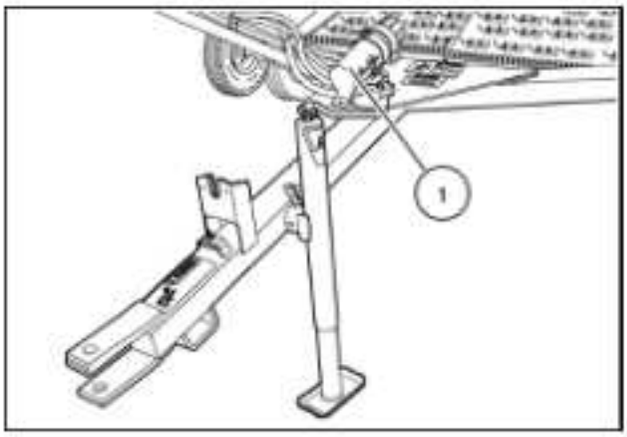
COMMISSIONING THE UNIT

Prior to operation

1. Remove the Operator's Manual from the Operator manual storage area **(1)**. All operators should carefully read this manual and keep it available for ready reference.

2. Check entire unit carefully before first operation. Tighten bolts and set screws that might have come loose in handling. Lubricate as recommended, See page **5-12** .

3. Adjust tractor drawbar to allow for maximum clearance between drawbar and ground. Attach merger to tractor with a hitch pin that has a safety locking device.



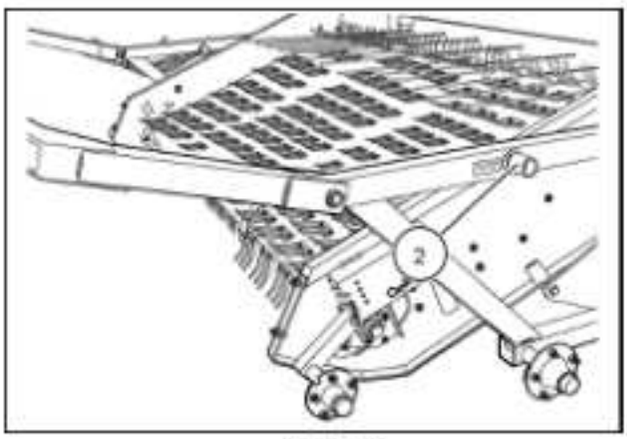
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4. Remove weight from lift jack and move jack to storage position **(2)**.

5. Connect hydraulic hoses, See page **3-2**.

6. Check tires and inflate to recommended pressure of **303 kPa** (**44 psi**) .

7. Run pickup and conveyor for several minutes to ensure proper assembly and lubrication. Successful operation will be achieved by periodic adjustments and experience of the operator. Make sure to read and understand all adjustments.



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5 - MAINTENANCE

GENERAL INFORMATION

General Information

Complete all checks and services in this section daily or at eight hour intervals:

⚠ CAUTION ⚠

Never lubricate or service machine while it is moving. Keep away from power-driven parts while running. Disengage all power before performing maintenance.

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- The pickup and conveyor belts should be inspected daily for wear or damage.
- Inspect all hydraulic hoses and connections for leaks or damage.
- Check the tire pressure. Refer to the Specifications section of this manual for recommended pressures.

NOTICE: *Failure to complete the required maintenance at the intervals shown can cause unnecessary downtime.*

The recommended maintenance intervals are for average conditions. Perform maintenance more often when operating under adverse conditions.

MAINTENANCE

It is recommended that lubrication be performed at the end of the day or after operations are completed, while the unit is still warm. Always lubricate the unit before storing.

⚠ WARNING ⚠

Always replace or close all shields after making repairs, adjustments, or after lubricating. Shields are for your protection. Keep them in place! Failure to comply could result in death or serious injury.

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6 - SPECIFICATIONS

General specification

Description	Specifications
Tractor remote hydraulic-powered unit	Standard
Self-contained hydraulic system unit (with PTO pump)	Optional
Pickup	
Width	**2743 mm (108 in)**
Type	Spliced belt w/plastic fingers
Pick-up tooth type	Replaceable 3-prong plastic
Separate belt sections	0.9 m X 0.9 m (3ft X 3ft)
Adjustable pick-up and conveyor speed- tractor driven	Tractor remote flow control
Adjustable pick-up and conveyor speed- self-contained	Tractor PTO speed
Floating pickup	Standard, on gauge wheels
Lift System	Hydraulic
Gauge wheels	Standard
Gauge wheel size	5.70 x 8
Drive Type	Hydraulic
Flexible rod-type windguard with plastic deflector	Standard
Roller windguard	Optional
Cross Conveyor	
Width	**1067 mm (42 in)**
Length	**4337 mm (170.75 in)**
Drive Type	Hydraulic
Belt type	Spliced
Discharge Side	Right- left to invert only
Shiftable cross conveyor	Not Available
Inverter chute option	Yes
Optional conveyor extension	**610 mm (24 in)**
Optional conveyor	Fixed
Conveyor extension shut-off	Not Available
Cross-conveyor shut-off kit	Not Available
Merging Capability- m (ft) of cut	
Base unit	**2.7 - 3.7 m (9 - 12 ft)**
With **0.6 m (2.0 ft)** extension	**3.4 - 4.3 m (11 - 14 ft)**
Frame and Tongue	
Type pull	Center
Tongue swing	Not Available
Ground clearance under raised pick-up	**254 mm (10 in)**
Parking stand or jack	Jack
Transport safety chain	Standard
Transport lights	Standard
# of rear remote valves required when merger is powered by the tractor	2
Recommended operating speeds	**3 - 19 km/h (2.0 - 12.0 mph)**
Maximum transport speed	**32 km/h (20 mph)**
Tractor control box	Not required
Wheels and Tires (size)	(3) 6.70 x 15
Single Axle	Standard

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