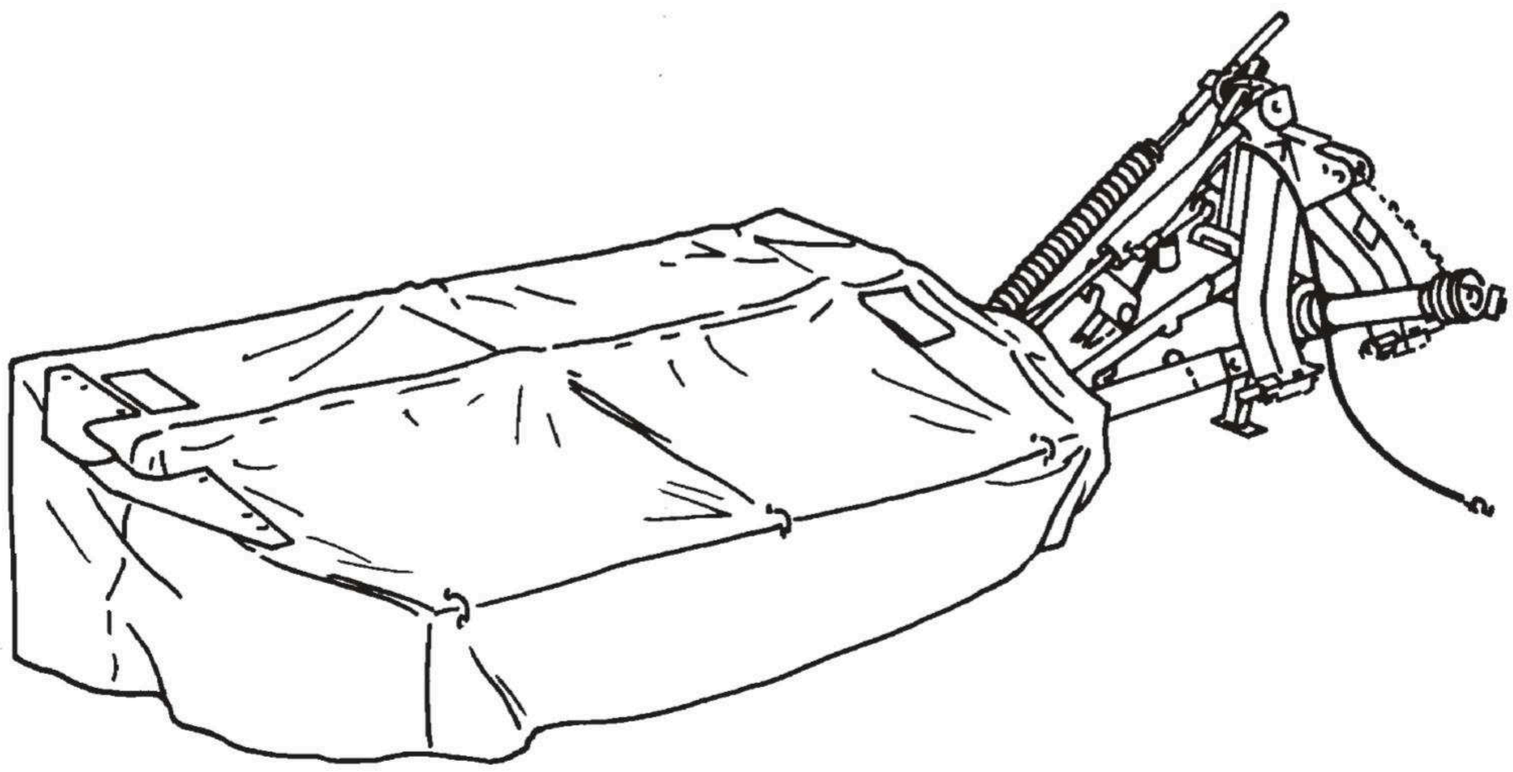
OPERATOR'S MANUAL

H6730
H6740
H6750
Disc Mower



Part number 84360892
2nd edition English
July 2011
Replaces part number 87638168

NEW HOLLAND AGRICULTURE

MidWestTech | New Holland H6730, H6740, H6750 Disc Mower Operator's Manual | Publication 84360892
Order the manual at mid-west-tech.com >

Contents

1 GENERAL INFORMATION

Note to the Owner 1-1
Foreword - Ecology and the environment 1-2
International symbols 1-3
CROP PROCESSING - Product identification 1-4
Attaching to Tractor 1-5
Removing the Mower from the Tractor 1-18

2 SAFETY INFORMATION

Safety rules 2-1
Safety rules - Personal safety 2-2
Safety signs 2-3
Road Transport Signs 2-10

3 OPERATING INSTRUCTIONS

COMMISSIONING THE UNIT

CUTTING - Operating 3-1

4 TRANSPORT OPERATIONS

ROAD TRANSPORT

TRANSPORTING THE MACHINE 4-1

5 MAINTENANCE

GENERAL INFORMATION

Lubrication 5-1
Torque - Minimum tightening torques for normal assembly 5-7
CUTTING Rotary disc cutting - Basic instructions — Maintenance 5-9

STORAGE

CUTTING Rotary disc cutting - Storing 5-18

6 TROUBLESHOOTING

SYMPTOM(S)

CUTTING Rotary disc cutting - General specification 6-1

7 SPECIFICATIONS

CROP PROCESSING - General specification - Specifications 7-1

MidWestTech | New Holland H6730, H6740, H6750 Disc Mower Operator's Manual | P... Order the manual at mid-west-tech.com >

8 ACCESSORIES
CUTTING Rotary disc cutting - Operating 8-1

9 FORMS AND DECLARATIONS
Delivery report - owner copy 9-1
Delivery report - dealer copy 9-3

MidWestTech | New Holland H6730, H6740, H6750 Disc Mower Operator's Manual | P... Order the manual at mid-west-tech.com >

International symbols

As a guide to the operation of the machine, various universal symbols have been utilized on the instruments, controls, switches, and fuse box. The symbols are shown below with an indication of their meaning.



MidWestTech | New Holland H6730, H6740, H6750 Disc Mower Operator's Manual | P... Order the manual at mid-west-tech.com >

5 - MAINTENANCE

GENERAL INFORMATION

Lubrication

Adequate lubrication and maintenance on a regular schedule is vital to maintaining your equipment. To ensure long service and efficient operation, follow the lubrication and maintenance schedules outlined in this manual. The use of proper fuels, oils, grease and filters, as well as keeping the systems clean, will also extend machine and component life.

NOTICE: *Always use genuine NEW HOLLAND AGRICULTURE replacement parts, oils and filters to ensure proper operation, filtration of engine and hydraulic systems. See your NEW HOLLAND AGRICULTURE dealer for additional oil quantities.*

General Information

Regular lubrication is the best insurance against delays and repairs. Proper lubrication will extend machine life. Refer to the following charts for lubricants and service intervals.

NOTICE: *Failure to complete the required maintenance at the recommended intervals can cause unnecessary downtime and premature wear of components.*

The intervals listed in the Lubrication Chart are guidelines to be used when operating in normal conditions. Adjust the intervals for operating in adverse environmental and working conditions. The intervals should be shortened for sandy, dusty and extremely hot operating conditions.

⚠ WARNING

Moving parts!
Disengage the Power Take-Off (PTO), turn off the engine, and remove the key. Wait for all movement to stop before leaving the operator's position. Never adjust, lubricate, clean, or unplug machine with the engine running.
Failure to comply could result in death or serious injury.

W0112A

⚠ WARNING

Illustrations in this manual may show protective shielding open or removed to better illustrate a particular feature or adjustment.
Replace all shields before operating the machine.
Failure to comply could result in death or serious injury.

W0012A

Always clean the area around dipsticks, fill caps, and check plugs when checking fluid levels. Failure to clean these areas may allow contamination to enter the system. Drain, flush and refill the system anytime you suspect it is contaminated.

Grease fittings

Wipe dirt from fittings before greasing.

Pump fresh grease into fitting to adequately lubricate the component and force out any contamination from the grease passage.

Wipe off excess grease.

Use a grease gun containing clean high grade of multi-purpose grease.

Chains

Stop all drives before lubricating chains.

MidWestTech | New Holland H6730, H6740, H6750 Disc Mower Operator's Manual | P... Order the manual at mid-west-tech.com >

7 - SPECIFICATIONS

CROP PROCESSING - General specification - Specifications

Cutter Bar

	H6730	H6740	H6750
Cutting Width	**2040 mm (6 ft 8 in)**	**2400 mm (7 ft 10in)**	**2800 mm (9 ft 2 in)**
Cutting Height	**32 - 89 mm (1.25 - 3.5 in)**	**32 - 89 mm (1.25 - 3.5 in)**	**32 - 89 mm (1.25 - 3.5 in)**
Cutter Bar Tilt Angle	0 to –10°	0 to –10°	0 to –10°
Cutter Bar Operating Range	+18 to –32°	+18 to –30°	+18 to –28°
Breakaway Angle	19°	30.5°	30.5°
Type	Modular	Modular	Modular
No. of Discs	5	6	7
Knives Per Discs	2	2	2
Disc Cutting Diameter	**500 mm (19.7 in)**	**500 mm (19.7 in)**	**500 mm (19.7 in)**
Disc Speed	3000 RPM	3000 RPM	3000 RPM

Driveline

	H6730	H6740	H6750
PTO HP Required - (minimum)	**45**	**55**	**60**
Input Speed	**540 RPM**	**540 RPM**	**540 RPM**
Driveline Protection	Belt drive to cutter bar, overrunning clutch on PTO shaft	Belt drive to cutter bar, overrunning clutch on PTO shaft	Belt drive to cutter bar, overrunning clutch on PTO shaft
Belt Tension	Spring loaded tensioner w/adjustment gauge	Spring loaded tensioner w/adjustment gauge	Spring loaded tensioner w/adjustment gauge

Hydraulics and Hitch

	H6730	H6740	H6750
Hydraulic Circuits Required	One remote	One remote	One remote
Minimum Relief Pressure Required	**104 bar (1500 psi)**	**104 bar (1500 psi)**	**104 bar (1500 psi)**
Hitch	Category I	Category II	Category II

Dimensions and Weight

	H6730	H6740	H6750
Overall Width	**3524 mm (138.75 in)**	**4070 mm (160.25 in)**	**4616 mm (181.75 in)**
Overall Length	**1283 mm (50.5 in)**	**1283 mm (50.5 in)**	**1283 mm (50.5 in)**
Height, Transport Position*	**2489 mm (98 in)**	**3035 mm (119.5 in)**	**3581 mm (141 in)**
Hitch	**546 kg (1200 lb)**	**639 kg (1405 lb)**	**698 kg (1535 lb)**

NOTE: ** Transport height is based on hitch pins being **609 mm (24 in)** above ground on Model H6730 and **457 mm (18 in)** above ground on Models H6740 and H6750 as specified earlier in this manual.*

MidWestTech | New Holland H6730, H6740, H6750 Disc Mower Operator's Manual | P... Order the manual at mid-west-tech.com >