822 and 825 Cutting Platforms



OPERATOR'S MANUAL 822 and 825 Cutting Platforms

OMZ92722 Issue K8 (ENGLISCH)



Introduction

READ THIS MANUAL carefully to learn how to operate and service your machine correctly. Failure to do so could result in personal injury or equipment damage. This manual and the safety decals on the machine are possibly available in other languages (if so, your John Deere dealer can order these for you).

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your machine and should remain with the machine when you sell it.

MEASUREMENTS in this manual are given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

RIGHT-HAND AND LEFT-HAND sides are determined by facing the direction of forward travel.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Specification or Identification Numbers section. Accurately record all the numbers to help in tracing the machine should it be stolen.

Your dealer also needs these numbers when you order parts. File the identification numbers in a secure place off the machine.

BEFORE DELIVERING THIS MACHINE, your dealer performed a predelivery inspection to ensure the machine gives its best performance.

THIS CUTTING PLATFORM IS DESIGNED SOLELY for use in customary agricultural or similar operations ("INTENDED USE").

Use in any other way is considered as contrary to the intended use. The manufacturer accepts no liability for damage or injury resulting from this misuse, and these risks must be borne solely by the user. Compliance with and strict adherence to the conditions of operation, service and repair as specified by the manufacturer also constitute essential elements for the intended use.

THIS CUTTING PLATFORM SHOULD BE OPERATED, serviced and repaired only by persons familiar with all its particular characteristics and acquainted with the relevant safety rules (accident prevention).

The accident prevention regulations, all other generally recognized regulations on safety and occupational medicine and the road traffic regulations must be observed at all times.

Any arbitrary modifications carried out on this CUTTING PLATFORM will relieve the manufacturer of all liability for any resulting damage or injury.

Contents

Page	Page
Identification View	
Safety	Adjusting reel tine position
Safety Decals	Crop dividers
Attaching and Detaching Checking auger stripper location	Adjusting long crop divider
Operating the Platform	Lubricants, Oil and Capacities
Choice of harvesting time25-1Cutting platform operation25-1Reel speed25-1Reel position in standing crops25-2Reel position in down/tangled crops25-2Feeding of crop25-3Cutting platform controls25-3Checking platform speeds25-3Securing header lift cylinder25-4Setting reel safety stops25-4Skid plates25-5Skid plates with sensor straps25-5Wear plates25-6Spare knife25-6Cutting platform stripper25-7	Gear oil
Feeder house stripper plates	Continued on next page

All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

OMZ92722 K8-19-01OCT98

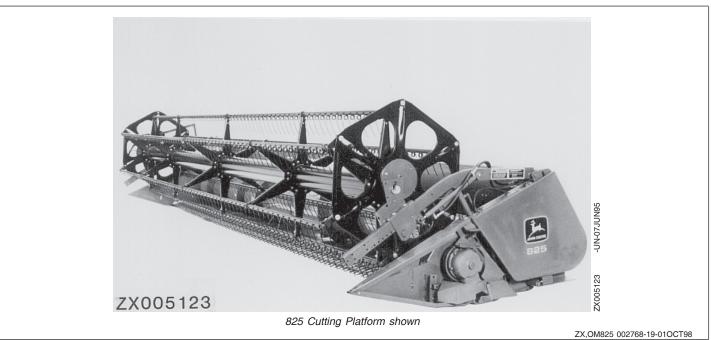
COPYRIGHT© 1998
DEERE & COMPANY
European Office Mannheim
All rights reserved
A John Deere ILLUSTRUCTION®Manual
Previous Editions
Copyright 1995 Deere & Company

Contents

Pag	е
Troubleshooting	
Troubleshooting Cutterbar difficulties 40-	1
Down and tangled crops difficulties 40-	
Feeder house difficulties	
Auger difficulties	
Cutting difficulties	
Reel difficulties 40-	
Service	
Torques	1
Securing header lift cylinders 45-	
Safe cutting platform operation 45-	
Adjusting reel resume control sending	
units	4
Checking sending unit adjustment 45-	
Adjusting reel speed sensor 45-	
Replacing cutterbar knife 45-1	
Adjusting knife 45-1	
Setting knife register 45-1	
Adjusting hold-down clips 45-1	
Adjusting wear plates	
Knife section service kit	
Replacing knife sections	
Aligning knife guards	
Feeder fingers and safety strap	
Replacing stubble light bulb	
Replacing cutterbar drive belt	
Adjusting idler position	
Adjusting auger drive chain	
Adjusting skid plate sensor straps 45-1	
Rephasing reel cylinders	
Bleeding the system	9
Storage	
End of season service50-	1
Beginning of season service 50-	
Specifications	1
Serial Number	
Serial number plate 60-	1
Product identification number 60-	1
Index	

ii

Identification View

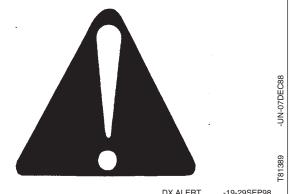


Safety

RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.



-UN-23AUG88

DX READ

-19-03MAR93

UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.

A DANGER

A WARNING

ACAUTION

TS187



OBSERVE ROAD TRAFFIC REGULATIONS

Always observe local road traffic regulations when using public roads.



FX,ROAD

-19-01MAY91

USE SAFETY LIGHTS AND DEVICES

Slow moving tractors, self-propelled equipment and towed implements or attachments can create a hazard when driving on public roads. They are difficult to see, especially at night. Avoid personal injury or death resulting from collision with a vehicle.

If legally permitted, use flashing warning lights or rotary beacons whenever driving on public roads. To increase visibility, use the lights and devices provided with your machine. For some equipment, install additional flashing warning lights.

Keep safety items in good condition. Replace missing or damaged items. An implement safety lighting kit is available from your John Deere dealer.



ZX,FLASH

-19-01OCT91



PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



DX,FIRE2

-19-03MAR93

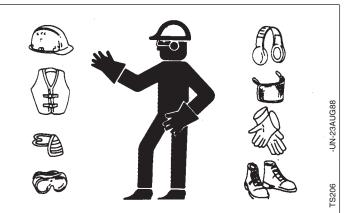
WEAR PROTECTIVE CLOTHING

Wear close fitting clothing and safety equipment appropriate to the job.

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.

Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.



DX,WEAR

-19-10SEP90

STORE ATTACHMENTS SAFELY

Stored attachments such as dual wheels, cage wheels, and loaders can fall and cause serious injury or death.

Securely store attachments and implements to prevent falling. Keep playing children and bystanders away from storage area.



-19-03MAR93

-UN-23AUG88

05 - 3300101



ZX 002418

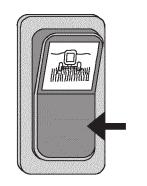
ROAD SAFETY SWITCH

IMPORTANT: Before driving combine on public

roads, make sure that road safety switch is in road position. Also move harvesting unit and unloading auger to

transport position.

This ensures that all hydraulic functions — with exception of the steering system — are not working.



ZX,SWITCHXZCO -19-01MAR95

-UN-16JUN95

ZX002418

DRIVING THE COMBINE

Operate machine only when all guards are correctly installed.

Before moving away, always check immediate vicinity of machine (e.g. for children). Ensure adequate visibility. Use the horn as a warning immediately before moving away.

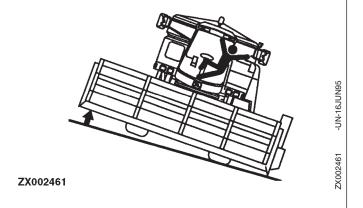
Always adapt ground speed to road or field conditions. Avoid making sharp turns when driving up or down slopes or when driving across a slope. Be especially careful when turning on slopes with full grain tank.

Attach harvesting units and other implements to combine with extreme care.

When making turns, always take into consideration the width of the attachment and the fact that the rear end of the combine swings out. Attachments and ground conditions affect the driving characteristics of the combine.

Reduce ground speed when driving on slopes or over uneven ground and before making sharp turns. Before descending a steep hill, shift to a lower gear.

Avoid holes, ditches and obstructions which may cause the combine to tip, particularly on hillsides.



ZX,DRIVEXZCO -19-27JAN92

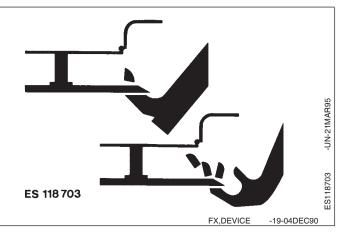


GUARDS AND SHIELDS

Keep guards and shields in place at all times. Ensure that they are serviceable and installed correctly.

Always disengage main clutch, shut off engine and remove key before removing any guards or shields.

Keep hands, feet and clothing away from moving parts.



STAY CLEAR OF HARVESTING UNITS

Cutterbar, auger, reel and feed rolls cannot be completely shielded due to their function. Stay clear of these moving elements during operation. Always disengage main clutch, shut off engine and remove key before servicing or unclogging machine.



KEEP HANDS AWAY FROM KNIVES

Never attempt to clear obstructions in front of or on harvesting unit unless main clutch is disengaged, engine shut off and key removed.

Everyone must be clear of the machine before starting the engine.



STAY CLEAR OF ROTATING DRIVELINES

Entanglement in rotating driveline can cause serious injury or death.

Keep tractor master shield and driveline shields in place at all times. Make sure rotating shields turn freely.

Wear close fitting clothing. Stop the engine and be sure PTO driveline is stopped before making adjustments, connections, or cleaning out PTO driven equipment.



DX,PTO

05-5

This as a preview PDF file from best-manuals.com



Download full PDF manual at best-manuals.com