

MAXXUM 100
MAXXUM 110
MAXXUM 115
MAXXUM 125
MAXXUM 140

Value and Limited Model Tractors

Operator's Manual

Print No. 84264981

3rd edition

English - April 2010

Replaces p/n 87717173

CASE II
AGRICULTURE

ORIGINAL INSTRUCTIONS

MAXXUM 100

MAXXUM 110

MAXXUM 115

MAXXUM 125

MAXXUM 140

Value and Limited Model Tractors

Operator's Manual

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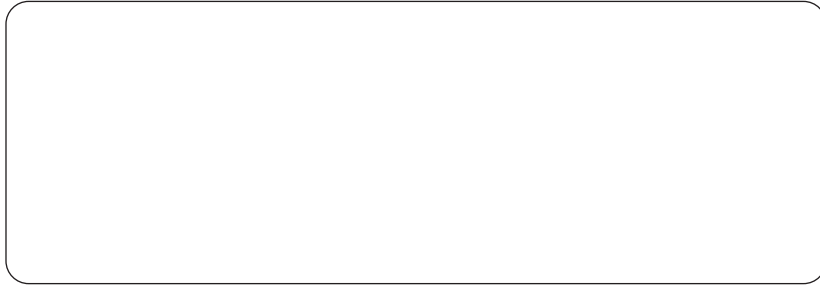
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Dealer's stamp



SECTION SUMMARY

1 - General Information and Safety

2 - Controls, Instruments and Operation

3 - Field operation

4 - Lubrication and Maintenance

5 - Fault Finding

6 - Accessories

7 - Specifications

8 - Delivery Report and First 50 hour Service Forms

9 - Index

TO THE OWNER

This manual contains information concerning the adjustment and maintenance of your Case IH Maxxum 100, 110, 115, 125 and 140 Value and Limited Tractors. You have purchased a dependable machine, but only by proper care and operation can you expect to receive the performance and long service built into this tractor. Please have all operators read this manual carefully and keep it available for ready reference.

This machine was designed to power and propel itself. It is intended to load and move materials with a variety of buckets and forks. Allied attachments built and supplied by other manufacturers can be used on the tractor where recommended and approved by Case IH.

Your Case IH dealer will instruct you in the general operation of your tractor. (Refer to the "Delivery Report" at the back of this manual.) Your dealer's staff of factory-trained service technicians will be glad to answer any questions that may arise regarding the operation of your tractor.

Your Case IH dealer carries a complete line of genuine Case IH service parts. These parts are manufactured and carefully inspected to insure high quality and accurate fitting of any necessary replacement parts. Be prepared to give your dealer the model and PIN number of the engine and tractor, when ordering parts. Locate these numbers now and record them below. Refer to the "General Information" section of this manual for the location of the model and PIN numbers of your tractor.

Model _____ Engine Model _____
PIN Number _____ Engine Serial Number _____

IMPROVEMENTS

CNH America LLC is continually striving to improve its products. We reserve the right to make improvements or changes when it becomes practical and possible to do so, without incurring any obligation to make changes or additions to the equipment sold previously.

CONTENTS

Title	Page
Section 1 - General Information and Safety	
To the Owner	1-1
Product Identification	1-4
Ecology and the Environment	1-6
Safety Precautions	1-8
Safety Decals	1-15
International Symbols	1-22
Section 2 - Controls, Instruments and Operation	
Cab	2-9
Seats	2-26
Handbrake, Throttle and Foot Controls	2-33
Instrument Console	2-35
Analog/Digital Instruments	2-38
Synchro Shift Transmission (12 x 12)	2-68
Two-speed Powershift Transmission (24 x 24)	2-74
Semi-Powershift Transmission (16 x 16 and 17 x 16))	2-85
Differential Lock and Four Wheel Drive	2-104
Section 3 - Field Operation	
Important Information	3-2
Using Jump Leads (Booster Cables)	3-7
Starting the Engine	3-8
Stopping the Engine	3-13
Turn Assist	3-15
Rear Power Take-Off	3-17
Front Power Take-Off and Hydraulic Lift	3-37
Mechanical Lower Link Sensing Hydraulics	3-45
Electronic Hitch Control	3-51
Hydraulic Remote Control Valves	3-63
Load Sensing Remote Control Valves	3-72
Electro-Hydraulic Remote Control Valves	3-82
Using Remote Hydraulic Equipment	3-96
Three-point Hitch	3-98
Quick Hitch	3-105
Linkage stabilizers	3-110
Drawbars and Towing Attachments	3-112
Hydraulic Trailer Brakes	3-128
Air-Operated Trailer Brakes	3-129
Front Wheel Track Adjustment	3-133
Rear Wheel Track Adjustment	3-142
Ballasting and tires	3-149

Section 4 - Lubrication and Maintenance

General Information	4-1
Guard Removal	4-8
Lubrication and Maintenance Chart	4-12
Servicing: When Warning Lights Illuminate	4-14
10-hour/daily service	4-18
50-hour service	4-20
100-hour service	4-32
300-hour service	4-32
600-hour service	4-36
1200-hour/12 month service	4-45
1200-hour/24 month service	4-53
1800-hour service	4-59
Every 3 years	4-60
General Maintenance - as required	4-62
Protecting tractor electrical systems	4-83
Storing the tractor	4-84

Section 5 - Fault Finding

Introduction	5-1
Engine	5-2
Transmission - 12 x 12 Synchro Shift	5-5
Transmission - 24 x 24 Two-speed Powershift	5-6
Transmission - 16 x 16 (17 x 16) Semi-Powershift	5-7
Hydraulics	5-8
Rear Three-Point Hitch	5-9
Brakes	5-10
Cab	5-10
Electrical	5-11

Section 6 - Accessories

Auxiliary Headlights	6-2
Battery Isolator Switch	6-2
Loader Subframe and Control Valve (Joystick)	6-3
Rear Remote Valve Zero Detent Kit	6-6

Section 7 - Specification

General Dimensions 7-2

Vehicle Weights 7-10

Lubricant and Fluid Capacities 7-12

Engine 7-14

Fuel System 7-14

Cooling System 7-15

Transmission Options 7-15

Brakes 7-16

Rear Power Take-Off 7-16

Front Power Take-Off 7-17

Steering 7-17

Maximum Operating Angle 7-17

Hydraulic System 7-18

Three-Point Hitch 7-19

Remote control valves 7-25

Front Three-Point Hitch 7-25

Front Remote Valves 7-26

Electrical Equipment 7-26

Hardware Torque Tables 7-28

Section 8 - First 50-hour Service Forms 8-5

Section 9 - Index 9-1

METRIC AND IMPERIAL UNITS ABBREVIATIONS

TYPICAL APPLICATIONS	RECOMMENDED SI (METRIC) UNITS		IMPERIAL UNIT	
	NAME	SYMBOL	NAME	SYMBOL
AREA				
Land area	hectare	ha	acre	ha
	square meter	m ²	square foot	ft ²
	square millimetre	mm ²	square inch	in ²
ELECTRICITY				
	ampere	A	ampere	A
	volt	V	volt	V
	microfarad	μF	microfarad	μF
	ohm	Ω	ohm	Ω
FORCE				
	kilonewton	kN	pound	lb
	newton	N	pound	lb
FORCE PER LENGTH				
	newton per metre	N/m	pound per inch	lb/in
FREQUENCY				
	megahertz	MHz	Megahertz	MHz
	kilohertz	kHz	kilohertz	kHz
	hertz	Hz	hertz	Hz
FREQUENCY - ROTATIONAL				
	revolution per minute	r/min	revolution per minute	r/min ^(a)
		rpm		rpm
LENGTH				
	kilometre	km	mile	mi
	meter	m	foot	ft
	centimetre	cm	inch	in
	millimetre	mm	inch	in
	micrometer	μm		
MASS				
	kilogram	kg	pound	lb
	gram	g	ounce	oz
	milligram	mg		

TYPICAL APPLICATIONS	RECOMMENDED SI (METRIC) UNITS		IMPERIAL UNIT	
	NAME	SYMBOL	NAME	SYMBOL
POWER				
	kilowatt	kW	horsepower	Hp
	watt	W	Btu per hour Btu per minute	Btu/hr Btu/min
PRESSURE or STRESS (FORCE PER AREA)				
	kilopascal	kPa	pound per square inch inch of mercury	psi inHg
	pascal	Pa	inch of water	inH ₂ O
	megapascal	Mpa	pound per square inch	psi
TEMPERATURE (other than THERMODYNAMIC)				
	degrees Celsius	°C	degrees Fahrenheit	°F
TIME				
	hour	h	hour	h
	minute	min	minute	min
	second	s	second	s
TORQUE (includes BENDING MOMENT, MOMENT OF FORCE, and MOMENT OF A COUPLE)				
	newton meter	N m N m	pound foot pound inch	lb ft lb in
VELOCITY				
	kilometre per hour	km/h	mile per hour	mph
	meter per second	m/s	foot per second	ft/s
	millimetre per second	mm/s	inch per second	in/s
	meter per minute	m/min	foot per minute	ft/min
VOLUME (includes CAPACITY)				
	cubic meter	m ³	cubic yard	yd ³ cu yd
	litre	l	cubic inch	in ³
	litre	l	US gallon UK gallon US quart UK quart	US gal UK gal US qt UK qt
	millimetre	ml	fluid ounce	fl oz

TYPICAL APPLICATIONS	RECOMMENDED SI (METRIC) UNITS		IMPERIAL UNIT	
	NAME	SYMBOL	NAME	SYMBOL
VOLUME PER TIME (includes DISCHARGE and FLOW RATE)				
	cubic meter per minute	m ³ /min	cubic foot per minute	ft ³ /min
	litre per minute	l/min	US gallon per minute	US gal/min
	millilitre per minute	ml/min	UK gallon per minute	UK gal/min
SOUND POWER LEVEL and SOUND PRESSURE LEVEL				
	decibel	dB	decibel	dB

SECTION 1

GENERAL INFORMATION AND SAFETY

TO THE OWNER

GENERAL

This Manual has been prepared to assist you in the correct procedure for running-in, driving and operating and for the maintenance of your new tractor. Read this Manual carefully. Your tractor is intended for use in normal and customary agricultural applications.

If at any time you require advice concerning your tractor, do not hesitate to contact your authorized dealer. He has factory trained personnel, genuine manufacturers' parts and the necessary equipment to carry out all your service requirements.

Your tractor has been designed and built to give maximum performance, economy and ease of operation under a wide variety of operating conditions. Prior to delivery, the tractor was carefully inspected, both at the factory and by your dealer to ensure that it reaches you in optimum condition. To maintain this condition and ensure trouble-free operation, it is important that the routine services, as specified in Section 4 of this Manual, are carried out at the recommended intervals.

OPERATORS MANUAL

The Operators Manual supplied with your tractor is an important source of information and should be stored safely.

The manual is prepared specifically for your tractor so it is important that you make a note of the print number and issue date which can be found on the cover. In the event the manual is lost or damaged it can be replaced with the correct version.

A storage pocket for the Operators Manual can be found on the rear of the seat. The manual should be kept in this pocket at all times when not in use.

SAFETY

Pages 1-8 to 1-30 inclusive list the precautions to be observed to ensure your safety and the safety of others. Read the safety precautions and follow the advice offered **before** operating the tractor.

CLEANING THE TRACTOR

Your tractor is a state-of-the-art machine with sophisticated, electronic controls. This should be taken into consideration when cleaning the tractor, particularly if using a high pressure washer. Even though every precaution has been taken to safeguard electronic components and connections, the pressure generated by some of these machines is such that complete protection against water ingress cannot be guaranteed.

When using a high pressure washer, do not stand too close to the tractor and avoid directing the jet at electronic components, electrical connections, breathers, seals, filler caps, etc. Never direct a cold water jet at a hot engine or exhaust.

ELECTRO-MAGNETIC INTERFERENCE (EMC)

Interference may arise as a result of add-on equipment which may not necessarily meet the required standards. As such interference can result in serious malfunction of the unit and/or create unsafe situations, you must observe the following:

- The maximum power of emission equipment (radio, telephones, etc.) must not exceed the limits imposed by the national authorities of the country where you use the tractor.
- The electro-magnetic field generated by the add-on system should not exceed 24 V/m at any time and at any location in the proximity of electronic components.

Failure to comply with these rules will render the Case IH warranty null and void.

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