OPERATOR'S MANUAL

FENDT

FENDT 9470x

FENDT 9470x AL





Operator's Manual for Fendt 9470x Combine Series

Gene	eral Inf	ormation	11
1.1			
	1.1.1	Appropriate Use	13
	1.1.2	Changes and Improvements	13
	1.1.3	Directives	13
	1.1.4	Preface	
	1.1.5	EC Declaration of Conformity for Combine and Table	15
	1.1.6	Product Identification	18
	1.1.7		
	1.1.8	Disposal	
Safe			
2.1	Safety		
	2.1.1	General Safety Precautions	25
	2.1.2	Attention - Warning Symbols	25
	2.1.3	Safety Precautions	25
	2.1.4	Road Transport	27
	2.1.5	Warning/Instruction Decals	28
	2.1.6	CE Marking and Type Plate on the Combine	31
	2.1.7	Position of CE Markings and Type Plate	41
_			
Opei			
3.1	Before	Start	47
	3.1.1	Before Start	
3.2	Operat		
	3.2.1	Arrangement and Controls	49
	3.2.2	Optional Extra	50
3.3	Safety	Precautions - on the Move	51
	3.3.1	Safety Precautions - on the Move	51
3.4	Startin	g and Stopping the Engine	52
	3.4.1	Starting the engine	52
3.5	Drive C	Controls	55
	3.5.1	Multifunction Lever	55
	3.5.2	Adjustable Armrest and Control Panel	56
	3.5.3	Gearshift	57
	3.5.4	Reduced Engine Revolutions in Road Transport (Speed Matching System)	58
	3.5.5	Steering column	58
	3.5.6	Brakes	59
3.6	Seats		60
	3.6.1		
	3.6.2		
	3.6.3		
3.7			
	3.7.1		
3.8			
			67
	1.1 Safe 2.1 Oper 3.1 3.2 3.3 3.4 3.5	1.1 Dear C 1.1.1 1.1.2 1.1.3 1.1.4 1.1.5 1.1.6 1.1.7 1.1.8 Safety 2.1 Safety 2.1.1 2.1.2 2.1.3 2.1.4 2.1.5 2.1.6 2.1.7 Operation, 3.1 Before 3.1.1 3.2 Operat 3.2.1 3.2.2 3.3 Safety 3.3.1 3.4 Startin 3.4.1 3.5 Drive C 3.5.1 3.5.2 3.5.3 3.5.4 3.5.5 3.5.6 3.6.1 3.6.2 3.6.3 3.6.4 3.6.5 3.7.1 3.7.2	1.11 Dear Customer 1.1.1 Appropriate Use 1.1.2 Changes and Improvements 1.1.3 Directives 1.1.4 Preface 1.1.5 EC Declaration of Conformity for Combine and Table 1.1.6 Product Identification. 1.1.7 Sectional Drawing and Parts Identification 1.1.8 Disposal. Safety 2.1.1 General Safety Precautions 2.1.2 Attention - Warning Symbols 2.1.3 Safety Precautions 2.1.4 Road Transport 2.1.5 Warning/Instruction Decals 2.1.6 CE Marking and Type Plate on the Combine 2.1.7 Position of CE Markings and Type Plate Operation, Controls and Cab 3.1 Before Start 3.1.1 Before Start 3.1.1 Before Start 3.2.2 Operator Cab 3.2.1 Arrangement and Controls 3.2.2 Optional Extra 3.2.3 Safety Precautions - on the Move 3.3.1 Safety Precountions - on the Move 3.3.1 Safety Brecautions - on the Move 3.3.1 Safety Brecautions - on the Move 3.3.1 Safety Recautions - on the Move 3.3.1 Safety Precautions - on the Move 3.3.3 Safety Precautions - on the Move 3.3.4 Starting and Stopping the Engine 3.5.1 Multifunction Lever 3.5.2 Adjustable Armerst and Control Panel 3.5.3 Gearshift 3.5.4 Reduced Engine Revolutions in Road Transport (Speed Matching System) 3.5.5 Steering column 3.5.6 Brakes 3.6.1 Adjustment of Operator Seat 3.6.2 Adjustment of air-suspended seat 3.6.3 Safety Switch in Operator Seat - (Operator Present Switch) 3.6.5 Instructor seat 3.7.1 Electrically adjustable rearview mirrors 3.7.2 Dead angle mirror 3.7.2 Dead angle mirror 3.8.2 Ladder for Engine Compartment

FENDT 9470x - FAME

FENDT

EENDT 0470× EAME

	3.9	Emerge	ency Situations 6	8
		3.9.1	Emergency Exit	
		3.9.2	Fire Extinguisher	
	3.10		nd Lamps	
	0.10	3.10.1	Lights	
		3.10.1	Main Light and Work Light	
	3.11		e control	
	3.11			
		3.11.1	Maintenance and overview	
		3.11.2	Operation of climate control	
	3.12		7	
		3.12.1	Exchanging Paper and Ribbon in Printer	
		3.12.2	Inserting the Paper Roll	
		3.12.3	Fitting the Ribbon	
	3.13	Optiona	al Extra	7
		3.13.1	Four-Wheel Drive	7
		3.13.2	Reversing camera	9
		3.13.3	Auto-Guide	
				_
4	Oper	ation,	FIELDSTAR 8	1
	4.1	Safety	precautions8	3
		4.1.1	Safety precautions, Operating FIELDSTAR	
	4.2	FIELDS'	TAR	
		4.2.1	DATAVISION, General Description 84	
		4.2.2	Operating FIELDSTAR on Terminal	
		4.2.3	Operating the Terminal by Remote Control in the Multi-Function Lever 8	
		4.2.4	Contrast and Brightness Control	
		4.2.4		
			Cleaning of terminal	
		4.2.6	Data card	
		4.2.7	DATAVISION, Menu Structure 8	
	4.3		t Menu9	
		4.3.1	Instrument Reading 9	
	4.4		l enu	
		4.4.1	Main menu structure	
	4.5	Monito	ring	7
		4.5.1	Monitoring in general 9	7
		4.5.2	Shaft Speeds	9
		4.5.3	Engine Monitoring/Alarm	9
		4.5.4	Engine Safety Alarm	9
		4.5.5	Information	
		4.5.6	Shaft Speeds	
	4.6	Harvest	ting Data	2
		4.6.1	Standard data	
		4.6.2	Data Logging in General	
		4.6.3	Using Data Logging	
		4.6.4	Data Logging Setup	
		4.6.5	Using Markers	
	4.7		or's Manual	
	7.7	4.7.1	Harvest Settings	
		4.7.2	Routine Servicing	_
		4.7.3	FIELDSTAR	
	4.8			-
	4.8	Diagnos		
		4.8.1	Troubleshooting in FIELDSTAR	
	4.9	_		
		4.9.1	Coding in general	
		4.9.2	Clock Adjustment	
		4.9.3	Language	
		4.9.4	Area Measuring	
		4.9.5	Table Calibration	
		4.9.6	Returns Volume	8
		4.9.7	Grain Loss Monitor	
		4.9.8	Shaft alarm calibration	8
		4.9.9	Concave Calibration	

1

FENDT 0470× EAME

		4.9.10	Constant Flow	129
		4.9.11	Wheel Track and Auto Level Combine	129
		4.9.12	Coding of Electrical Straw Deflectors	
		4.9.13	Lead Time and Lag Time	
		4.9.14	Calibration of actuator for electrical sieves	
	4.10		S	
	7.10	4.10.1	Harvest Settings	
		4.10.1	Table Settings.	
		4.10.2		
	4 4 4		Machine Settings	
	4.11		s Volume Monitor	
		4.11.1	Returns volume	
		4.11.2	Coding	
	4.12		oss Monitoring	
		4.12.1	Sensors	
		4.12.2	Adjustment of Grain Loss Sensors	
	4.13	Shaft A	Marm Limits	
		4.13.1	Shaft Alarm Calibration	148
	4.14	Yield N	leter	149
		4.14.1	Yield Meter (Isotopic)	149
		4.14.2	Micro-Trak Yield Meter	151
		4.14.3	Yield Meter Calibration	153
	4.15	Moistu	re Meter	
		4.15.1	Limitations in the use of the moisture meter	
		4.15.2	Continuous Moisture Measuring	
		4.15.3	Measuring Principle	
		4.15.4	Using the Moisture Meter	
		4.15.5	Cleaning the Moisture Meter,	
		4.15.6	Calibration of moisture meter	
	4.16		j height control	
	4.10	4.16.1	Adjustment and operation of cutting height control	
		4.16.2	Coding of table	
	4.17		ressure control	
	7.17	4.17.1	Adjustment and operation of field pressure control	
	4.18		tion between the Table Controls	
	4.10	4.18.1	Table controls, an outline	
	4.19		evel Table	
	4.19	4.19.1	Principle of Auto Level table	
		-	•	
		4.19.2	Bleeding	
		4.19.3	Coding of Auto Level Table	
		4.19.4	<u> </u>	169
	4.20	-	ion of Auto Level Table	
	_	4.20.1	Using the Auto Level Table	
	4.21		l sensors	
		4.21.1	Checking and Adjusting the Ground Sensors	
	4.22		nt Flow	
		4.22.1	Constant Flow functional description	
		4.22.2	Start-up and Adjustment of Constant Flow	176
		4.22.3	Constant Flow Engagement	178
_	_			
5	Oper	ation,	Auto Level Combine	181
	5.1	Safety	precautions	
		_		
		5.1.1	Safety precautions, operation of Auto Level Combine	183
		5.1.1 5.1.2	Safety precautions, operation of Auto Level Combine	183
	5.2	5.1.1 5.1.2	Safety precautions, operation of Auto Level Combine	183 184
	5.2	5.1.1 5.1.2	Safety precautions, operation of Auto Level Combine	183 184 184
	5.2 5.3	5.1.1 5.1.2 Attach 5.2.1	Safety precautions, operation of Auto Level Combine	183 184 184
		5.1.1 5.1.2 Attach 5.2.1	Safety precautions, operation of Auto Level Combine	183 184 184 185
		5.1.1 5.1.2 Attach 5.2.1 Combir	Safety precautions, operation of Auto Level Combine Safety System ment of Auto Level Table Attachment of Table to Auto Level Combine nations	183 184 184 185 185
		5.1.1 5.1.2 Attach 5.2.1 Combir 5.3.1	Safety precautions, operation of Auto Level Combine Safety System. ment of Auto Level Table Attachment of Table to Auto Level Combine nations Automatically or manually	183 184 184 185 185
		5.1.1 5.1.2 Attach 5.2.1 Combir 5.3.1 5.3.2	Safety precautions, operation of Auto Level Combine Safety System. ment of Auto Level Table Attachment of Table to Auto Level Combine nations Automatically or manually Selecting Combination	183 184 184 185 185 185
		5.1.1 5.1.2 Attach 5.2.1 Combir 5.3.1 5.3.2 5.3.3 5.3.4	Safety precautions, operation of Auto Level Combine Safety System ment of Auto Level Table Attachment of Table to Auto Level Combine nations Automatically or manually Selecting Combination. Combinations for Auto Level combine and Auto Level table	183 184 185 185 185 185

Table of contents

T	able of	conten	its	FEN	
		5.4.2	Manual Control of Auto Level Combine		188
	5.5		evel Combine/Table		
		5.5.1	Combine		
		5.5.2	Transport		
		5.5.3	Auto Level Table.		
	5.6		tion		
		5.6.1	Calibration of Auto Level Combine		
		5.6.2	Errors during Calibration		
	5.7	Coding			
		5.7.1	Coding of Auto Level Table		
		5.7.2	Zero Cutting Height		194
	5.8	Safety 5	System		195
		5.8.1	Safety System, Auto Level		195
		5.8.2	Automatic Control of the Tilt Sensor Function		195
		5.8.3	About the system		196
		5.8.4	Hose Breach Protection for Auto Level Hydraulics		196
	5.9	Trouble	eshooting		197
		5.9.1	Trouble shooting in general		
		5.9.2	Machine Not Levelling Correctly		198
	5.10	Servicii	ng and User Tips		
		5.10.1	Retrofit of new FIELDSTAR Auto Level Job Computer and Sensors		
		5.10.2	Unintentional Use of Manual Keys in Automatic Mode		
		5.10.3	Diagnostics - Auto Level Combine Functions and Sensors		201
G	Enail	••			200
6	Engiı 6.1				
	O. I	6.1.1	precautions Safety Precautions, Engine		
	6.2		S		
	0.2	6.2.1	Engine Type		
	6.3		ike		
	0.3	6.3.1	Filter System		
	6.4		g System.		
	U. T	6.4.1	Rotary Screen and Dust Aspirator		
		6.4.2	Coolers		
		6.4.3	Coolant		
		6.4.4	Checking the Fan Belt Tension		
	6.5		stem		
		6.5.1	Fuel system		
		6.5.2	Filter Change		
	6.6	SCR			
		6.6.1	The SCR system in general		
		6.6.2	Components and functions		
		6.6.3	Filling and storing AdBlue		215
		6.6.4	Filter Change		216
	6.7	Engine	oil/change		217
		6.7.1	Oil and Filter Change		
	6.8	Cleanin			
		6.8.1	Cleaning of engine compartment		
		6.8.2	Vibration damper		
	6.9		ngine Management		
		6.9.1	Electronic Engine Management and Monitoring		
		6.9.2	Engine Trouble Shooting (Self-Diagnosis)		
		6.9.3	EEM3 Codes		
		6.9.4	SCR failure codes		227
7	C44	na Tak	Nee		222
•	7.1		ples precautions		
	/. I	Sarety 7.1.1	Safety Precautions, Cutting Tables		
	7.2		ment/Removal of Table		
	,. <u>c</u>	7.2.1	Attachment of Table, Standard and Auto Level		
		7.2.1	Removal of Table		
		7.2.2	Supports		
		, 12.13	- Cupports		200

FENDT 0470× EAME

6

FENDT 0470× EAME

	7.3	Table tr	ailer	
		7.3.1	Attachment of combine and trailer	
		7.3.2	Table Trailer Brakes	. 239
	7.4	Reel		. 240
		7.4.1	Safety stop for reel	. 240
		7.4.2	Reel Adjustment Up/Down, Fore/Aft	. 24
		7.4.3	Bleeding	. 242
		7.4.4	Reel Rotation.	
		7.4.5	Reel tine bars	. 243
		7.4.6	Adjustment of the Reel in the Table	. 243
	7.5	Knife	· · · · · · · · · · · · · · · · · · ·	. 244
		7.5.1	Knife and Knife Drive	
	7.6	Feeding		
		7.6.1	Table auger	
		7.6.2	Cut-off strip and distribution strip.	
		7.6.3	Replacement of Feathering Fingers	
		7.6.4	Auger Flight Extensions, 20-22-25-30' Tables	
		7.6.5	Reversing	
	7.7	Transm	ission	
		7.7.1	PowerFlow Table, Knife Drive and Table Auger	
		7.7.2	Slip Clutch for Table Auger	
	7.8	PowerF	low Table	
		7.8.1	PowerFlow belts	
		7.8.2	Inspection and Start-Up of PowerFlow Belts	
		7.8.3	Adjustment of belts	
		7.8.4	Scrapers, front	
		7.8.5	Scrapers, Rear, and Adjustment of Bearing Housings	
		7.8.6	Table bottom	
		7.8.7	Cleaning	
	7.9	Crop Li	-	
		7.9.1	Using Crop Lifters	
	7.10	Vertical	I Knives, Rape Auger and Straw Dividers	
		7.10.1	Vertical knife	
		7.10.2	Mounting of Vertical Knife	
		7.10.3	Rape auger	
			Folding torpedo dividers and bow dividers	
		7.10.4		. Z56
		7.10.4 7.10.5		
		_	Mounting of Straw Dividers	. 257
	7.11	7.10.5 7.10.6	Mounting of Straw Dividers	. 257 . 257
	7.11	7.10.5 7.10.6 Fixed Fi	Mounting of Straw Dividers	257 257 258
	7.11	7.10.5 7.10.6 Fixed Fi 7.11.1	Mounting of Straw Dividers Adjustment of Torpedo Divider. ingers Fitting of fixed table auger fingers	. 257 . 257 . 258
	7.11	7.10.5 7.10.6 Fixed Fi	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers	257 257 258 258 258
	7.11 7.12	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides	. 257 . 258 . 258 . 258 . 258
		7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator	257 257 258 258 258 258 258
		7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain	. 257 . 258 . 258 . 258 . 258 . 260
		7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table	. 257 . 258 . 258 . 258 . 258 . 260 . 260
		7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap.	. 257 . 258 . 258 . 258 . 258 . 260 . 260 . 260
		7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table	. 257 . 258 . 258 . 258 . 258 . 260 . 260 . 260
8	7.12	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap.	. 257 . 258 . 258 . 258 . 258 . 260 . 260 . 260 . 261
8	7.12	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap. Initial Adjustment of Cutting Height Indication	. 257 . 258 . 258 . 258 . 258 . 260 . 260 . 262 . 262
8	7.12 Oper	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4	Mounting of Straw Dividers Adjustment of Torpedo Divider. ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides. op elevator Elevator Chain. Transmission for Table Stone Trap. Initial Adjustment of Cutting Height Indication	. 257 . 258 . 258 . 258 . 258 . 260 . 260 . 262 . 263 . 263
8	7.12 Oper	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4 ation o Safety I 8.1.1	Mounting of Straw Dividers Adjustment of Torpedo Divider. ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap. Initial Adjustment of Cutting Height Indication of Table and Threshing Unit precautions	257 258 258 258 258 260 260 260 260 260 260 260 260 260
8	7.12 Oper 8.1	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4 ation o Safety I 8.1.1	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap. Initial Adjustment of Cutting Height Indication of Table and Threshing Unit precautions. Safety Precautions, Operation of Machine and Cutting Table	. 257 . 258 . 258 . 258 . 258 . 260 . 260 . 260 . 263 . 265 . 265 . 265
8	7.12 Oper 8.1	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4 ation o Safety I 8.1.1 Operati	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap. Initial Adjustment of Cutting Height Indication of Table and Threshing Unit precautions. Safety Precautions, Operation of Machine and Cutting Table on of Table	257 258 258 258 258 260 260 260 260 260 260 260 260 260 260
8	7.12 Oper 8.1	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4 ation o Safety I 8.1.1 Operati 8.2.1	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap. Initial Adjustment of Cutting Height Indication of Table and Threshing Unit precautions Safety Precautions, Operation of Machine and Cutting Table on of Table Table Height and Table Automatic Control	25% 25% 25% 258 258 260 260 260 260 260 260 260 260 260 260
8	7.12 Oper 8.1	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4 ation o Safety I 8.1.1 Operati 8.2.1 8.2.2	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap. Initial Adjustment of Cutting Height Indication of Table and Threshing Unit precautions. Safety Precautions, Operation of Machine and Cutting Table on of Table Table Height and Table Automatic Control Cutting Height Control	25% 25% 258% 258% 258% 258% 260% 260% 260% 260% 260% 260% 260% 260
8	7.12 Oper 8.1	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4 ation o Safety I 8.1.1 Operati 8.2.1 8.2.2 8.2.3	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap. Initial Adjustment of Cutting Height Indication of Table and Threshing Unit. precautions. Safety Precautions, Operation of Machine and Cutting Table on of Table Table Height and Table Automatic Control Cutting Height Control Field Pressure Control	25% 25% 25% 25% 25% 25% 26% 26% 26% 26% 26% 26% 26% 26% 26% 26
8	7.12 Oper 8.1	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4 ation o Safety I 8.1.1 Operati 8.2.1 8.2.2 8.2.3 8.2.4	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap. Initial Adjustment of Cutting Height Indication of Table and Threshing Unit. precautions Safety Precautions, Operation of Machine and Cutting Table on of Table Table Height and Table Automatic Control Cutting Height Control Field Pressure Control Preset cutting height	257 258 258 258 258 260 260 260 260 260 260 260 260 260 260
8	7.12 Oper 8.1	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4 ation o Safety I 8.1.1 Operati 8.2.1 8.2.2 8.2.3 8.2.4 8.2.5 8.2.6	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap. Initial Adjustment of Cutting Height Indication of Table and Threshing Unit. precautions Safety Precautions, Operation of Machine and Cutting Table on of Table Table Height and Table Automatic Control Cutting Height Control Field Pressure Control Preset cutting height Auto Level Table	257 258 258 258 258 260 260 260 260 260 260 260 260 260 260
8	7.12 Oper 8.1 8.2	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4 ation o Safety I 8.1.1 Operati 8.2.1 8.2.2 8.2.3 8.2.4 8.2.5 8.2.6	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain. Transmission for Table Stone Trap. Initial Adjustment of Cutting Height Indication of Table and Threshing Unit precautions. Safety Precautions, Operation of Machine and Cutting Table on of Table Table Height and Table Automatic Control Cutting Height Control Field Pressure Control Preset cutting height Auto Level Table Table Engagement - Emergency Stop ng Unit Transmission	25% 25% 25% 25% 25% 25% 26% 26% 26% 26% 26% 26% 26% 26% 26% 26
8	7.12 Oper 8.1 8.2	7.10.5 7.10.6 Fixed Fi 7.11.1 7.11.2 7.11.3 Main cr 7.12.1 7.12.2 7.12.3 7.12.4 ation o Safety I 8.1.1 Operati 8.2.1 8.2.2 8.2.3 8.2.4 8.2.5 8.2.6 Threshi	Mounting of Straw Dividers Adjustment of Torpedo Divider ingers Fitting of fixed table auger fingers Using Fixed Table Auger Fingers High Table Sides op elevator Elevator Chain Transmission for Table Stone Trap Initial Adjustment of Cutting Height Indication of Table and Threshing Unit precautions Safety Precautions, Operation of Machine and Cutting Table on of Table Table Height and Table Automatic Control Cutting Height Control Field Pressure Control Preset cutting height Auto Level Table Table Engagement - Emergency Stop	257 258 258 258 258 260 260 260 260 260 260 260 260 260 260

Table of contents

<i>5.0 0</i>				Je
8.4	Concav	e Setting, Electrically Adjustable		
	8.4.1	Operation of Concave	 	
	8.4.2	Concave Setting	 	
8.5	Threshi	· ·		
	8.5.1	Concave filler plates		
	8.5.2	•		
		Rotors		
8.6		Chopper and Spreader Hood		
	8.6.1	Straw chopper		
	8.6.2	Adjustment of Spreader Hood	 	
	8.6.3	Counter Knives and Cross Bar	 	 ٠
	8.6.4	Replacement of Knives		
8.7		g Mill and Sieves		
0. /	8.7.1	Fanning mill		
	8.7.2	Shaker shoe		
	8.7.3	Shaker Shoe with Electrical Sieves		
	8.7.4	Manual Adjustment of Sieves		
	8.7.5	Cleaning of main grain pan and sieves		
	8.7.6	Cleaning of main grain pan		
	8.7.7	Cleaning the Sieves		
	8.7.8	Shaker Shoe Light		
	8.7.9	Special sieves		
8.8		l Grain Transport		
	8.8.1	Auger Housing/Elevators	 	
	8.8.2	Returns thresher	 	 ٠
	8.8.3	Tank filling auger	 	
	8.8.4	Grain tank		
	8.8.5	Unloading auger		
	8.8.6	Unloading Auger Clutch		
	8.8.7	Unloading tube		
8.9	Rotor F	eeder	 	
	8.9.1	Adjustment of Rotor Feeder	 	
	8.9.2	Rotor Feeder Concave		
	8.9.3	Reversing		
8.10		hood		
0.10	8.10.1	Light in straw hood		
		•		
8.11		spreader		
	8.11.1	Setting		
8.12	Maxi S∣	preader	 	
	8.12.1	Adjustment and operation	 	
	8.12.2	Adjustment of sensors		
8.13		Γhreshing		
J. 1 J	8.13.1			
		Maize Threshing in General		
	8.13.2	Attachment of Maize Header		
	8.13.3	Area measuring	 	
	8.13.4	Main crop elevator	 	
	8.13.5	Concave/Initial Settings	 	
	8.13.6	Threshing cylinder	 	
	8.13.7	Rotor Feeder		
	8.13.8	Shaker shoe		
	8.13.9	Rotors		
	8.13.10	Bottom auger cover plate		
	8.13.11	Scrapers	 	
	8.13.12	Straw chopper	 	
	8.13.13	Maxi Spreader		
8.14		t settings		
J	8.14.1	Suggested Harvest Settings		
0 4 5		•		
8.15		ing		
	8.15.1	Threshing Directions	 	 ٠
_				
Iran	smissi	ons	 	 ٠
9.1	Safetv	precautions	 	
	_	Safety Precautions, Transmissions		

FENDT 9470× EAME

FENDT 0470× EAME

9.2	Adjustr	nent of Transmissions	322
	9.2.1	General	
	9.2.2	Threshing unit clutch	
	9.2.3	Hydrostatic transmission	
9.3		issions	
0.0	9.3.1	Rear beater	
	9.3.2	Crop Elevator and Table	
	9.3.3	Straw chopper	
	9.3.4	Threshing cylinder	
	9.3.5	Unloading auger	
	9.3.6	Shaker shoe and chaff spreader counter drive	
	9.3.7	Countershaft for Rotors	
	9.3.8	Variator Belt for Rotors	
	9.3.9	Filling and Returns System Countershaft.	
	9.3.10	Returns Elevator and Returns Thresher	
	9.3.11	Tank Filling Elevator and Tank Filling Auger	
	9.3.12	Dust aspirator	
	9.3.13	Rotary screen	
	9.3.14	Fanning mill	
	9.3.15	Rotor Feeder	
	9.3.16	Alternator and Fan	
	9.3.17	Climate control	
9.4		ission Diagrams	
	9.4.1	Transmission Diagram, Left-Hand Side	
	9.4.2	Transmission Diagram, Right-Hand Side	
10Hydr	aulics		. 337
10.1	Safety	precautions	. 339
	10.1.1	Safety Precautions, Hydraulic System	. 339
10.2	Hydraul	lic System	. 340
	10.2.1	Hydraulic system, standard combine	. 340
	10.2.2	Hydraulic System, Four-Wheel Drive	. 341
10.3	Oil chai	nge	. 342
	10.3.1	Draining and refilling hydraulic oil	. 342
10.4	Filter C	hange	
	10.4.1	Filter change in general	
	10.4.2	Return Oil Filter	
	10.4.3	Storage of Hydraulic System	
10.5		ry Hydraulics	
	10.5.1	Auxiliary hydraulics in general	
	10.5.2	Functions and Auxiliary Hydraulics	
	10.5.3	Reel Adjustment Fore/Aft - Up/down	
10.6	=	lics Diagrams	
	10.6.1	Hydraulics Diagram, Standard Combine	
	10.6.2	Hydraulics Diagram, Auto Level Combine	
	10.6.3	Hydraulics Diagram for Chaff Spreader	
	10.6.4	Hydraulics diagram for Maxi Spreader	. 352
1 1 N/a:m	.		٥٢٢
		Be	
11.1	-	Precautions.	
44.0	11.1.1	Safety Precautions, Maintenance	
11.2		arriage	
	11.2.1	Undercarriage in general	
	11.2.2	Wheel Nut Torques	
44.0	11.2.3	Tyre Pressure	
11.3		tion Intervals	
	11.3.1	Lubrication chart, time intervals	
	11.3.2	Lubrication chart, right- and left-hand side	
	11.3.3	Lubrication chart, main crop elevator and front axle	
	11.3.4	Lubrication points, left-hand machine side	
	11.3.5	Lubrication points, right-hand machine side	
	11.3.6	Lubricants and Operating Fluids	. 39/

_		•			
12	nıa	Ωŧ	con	tents	
1 41		o_{i}	COII	LOILLS	,

	SA ii	-	-
	Les	21.5	

11.4	Mainto	enance Schedules	398
	11.4.1	Preliminary Service Inspections	
	11.4.2	Maintenance Required	
11.5	Oil Ch	ange, Gear	402
	11.5.1	Gearbox	402
	11.5.2	Final drives	
	11.5.3	Right-angle gear for returns thresher	403
	11.5.4	Right-Angle Gear for Rotors	403
11.6	Climat	te control	
	11.6.1	Diagram for Climate Control System	
	11.6.2	Maintenance	
11.7	Cleani	ng and Off-Season Storage	
	11.7.1	Cleaning	
	11.7.2	Off-season Storage	
	11.7.3	Storage of Engine, Fuel System, SCR System and Hydraulic System	407
	11.7.4	Periodical Start-Up	407
	11.7.5	Removal of Crop Elevator	
	11.7.6	Removal of Elevator Chains	408
	11.7.7	After Off-Season Storage	408
11.8	Adjust	tment of Brakes	
	11.8.1	Adjustment of Foot Brakes, Disc Brakes	
	11.8.2	Adjustment of Parking Brake	409
12 Elec	trical S	System	411
12.1		y precautions	
	12.1.1	Safety Precautions, Electric System	
12.2	Electri	ical System	
	12.2.1	Charging system	
	12.2.2	Electric Boxes and Main Switch	
	12.2.3	External connectors 12V	416
12.3	Electro	o-Hydraulic System	
	12.3.1	Electro-Hydraulic System in General	
12.4	Key to	Signatures for Wiring Harness	419
	12.4.1	Wire Codes	419
	12.4.2	Component Codes	419
12.5	Overvi	iew, Electric Box and Cab	420
	12.5.1	Position of Connectors in Electric Boxes	420
	12.5.2	Fuses and Relays, Electric Box and Cab	42
12.6	Wiring	J Diagrams	423
	12.6.1	Key to symbols	423
	12.6.2	Diagrams Overview	424
	12.6.3	Fuse Ratings	
	12.6.4	Components	425
	12.6.5	Wiring Diagrams	434
13Spec	eificati	ions	44
13.1		ications	
	-	Dimensions and Specifications.	

Thank you so much for reading. Please click the "Buy Now!" button below to download the complete manual.



After you pay.

You can download the most perfect and complete manual in the world immediately.

Our support email: ebooklibonline@outlook.com