Combine Range

FENDT 8400 P FENDT 8370 P + Auto Level + Rotary Separator



- **0** Introduction Specifications
- **1** Cutting table
- 2 Reel
- 3 Main crop elevator
- 4 Threshing unit
- **5** Straw walkers
- 6 Shaker shoe Fanning mill
- **7** Elevators
- 8 Engine
- 9 Unloading auger Grain tank
- **10 Drive unit**
- **11 Transmissions**
- 12 Undercarriage
- 13 Cab
- 14 Hydraulics
- 15 Machine housing
- **16 Electrical system**
- **17 Straw chopper**
- **18 General assembly instructions**
- **19 Miscellaneous data**

0 :	Intro	duction - Specifications	1
	0.1	Using the manual	3
	0.2	General specifications	
		0.2.1 Tyre pressure	9
	0.3	Dimensions and weight	.11
	0.4	Safety precautions.	.13
		0.4.1 Safety in the workshop	
		0.4.2 Safety - a word to the mechanic	13
		0.4.3 Safety - danger, warning and caution.	13
		0.4.4 Safety decals	
		0.4.5 General	
		0.4.6 Personal safety	
		0.4.7 Considerations with regard to equipment	
		0.4.8General considerations0.4.9Operational considerations	
		0.4.9 Operational considerations	
	0.5	Practical advice	
	0.5	Start-up instructions	
	0.0	•	
		0.6.1 General. 0.6.2 Pre-delivery checks	
		0.6.3 Instruction of combine operator.	
	0.7	Conversion tables	
	0.7	0.7.1 Conventional units of measurement	
	0.8	Locking and sealing agents	
	0.9	Wheel nut torques	
	0.9	0.9.1 Wheels	
		0.9.1 Wheels	
		0.9.3 Nuts with metric threads	
1:	Cutt	ing table	.31
1:	Cutt 1.1	ing table General	
1:	1.1	General	.33
1:		General	.33 .34
1:	1.1	General	.33 .34 .34
1:	1.1	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly	33 34 34 35
1:	1.1	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly	.33 .34 .34 .35 .36
1:	1.1	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box	. 33 .34 . 34 . 35 . 36 . 42
1:	1.1 1.2	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters	.33 .34 .34 .35 .36 .42 .43
1:	1.1 1.2	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters Table auger 1.3.1 1.3.2 Assembly	. 33 .34 .35 .35 .42 .42 .43 .43 .43
1:	1.1 1.2	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters Table auger 1.3.1 1.3.2 Assembly 1.3.3 Replacing the shaft on the right-hand side	33 34 35 36 42 43 43 43 43
1:	1.1 1.2	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters 1.2.4 Positioning the double fingers, knife and crop lifters Table auger 1.3.1 1.3.2 Assembly 1.3.3 Replacing the shaft on the right-hand side 1.3.4 Replacing the shaft on the left-hand side	.33 .34 .34 .35 .36 .42 .43 .43 .43 .43 .44 .45
1:	1.1 1.2	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters. 1.2.4 Positioning the double fingers, knife and crop lifters. Table auger 1.3.1 1.3.2 Assembly 1.3.3 Replacing the shaft on the right-hand side 1.3.4 Replacing the shaft on the left-hand side 1.3.5 Replacing the crankshaft	.33 .34 .34 .35 .42 .43 .43 .43 .43 .44 .45 .45
1:	1.1 1.2	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters 1.2.4 Positioning the double fingers, knife and crop lifters Table auger 1.3.1 1.3.2 Assembly 1.3.3 Replacing the shaft on the right-hand side 1.3.4 Replacing the shaft on the left-hand side 1.3.5 Replacing the crankshaft 1.3.6 Replacing the feathering fingers, bearings and bushes	.33 .34 .35 .36 .42 .43 .43 .43 .43 .44 .45 .45 .46
1:	1.1 1.2 1.3	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters 1.2.4 Positioning the double fingers, knife and crop lifters Table auger 1.3.1 1.3.1 Removal 1.3.2 Assembly 1.3.3 Replacing the shaft on the right-hand side 1.3.4 Replacing the shaft on the left-hand side 1.3.5 Replacing the crankshaft 1.3.6 Replacing the feathering fingers, bearings and bushes 1.3.7 Adjusting the table auger and feathering fingers	. 33 . 34 . 35 . 36 . 42 . 43 . 43 . 43 . 43 . 44 . 45 . 45 . 46 . 47
1:	1.1 1.2	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters. 1.2.4 Positioning the double fingers, knife and crop lifters. Table auger 13.1 1.3.1 Removal. 1.3.2 Assembly. 1.3.3 Replacing the shaft on the right-hand side 1.3.4 Replacing the shaft on the left-hand side 1.3.5 Replacing the crankshaft 1.3.6 Replacing the feathering fingers, bearings and bushes. 1.3.7 Adjusting the table auger and feathering fingers. Table body	. 33 . 34 . 35 . 36 . 42 . 43 . 43 . 43 . 43 . 43 . 43 . 44 . 45 . 45 . 46 . 47 . 48
1:	1.1 1.2 1.3	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters. 1.2.4 Positioning the double fingers, knife and crop lifters. Table auger	33 34 35 36 42 43 43 43 43 43 43 45 46 48
1:	1.1 1.2 1.3	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters. 1.2.4 Positioning the double fingers, knife and crop lifters. Table auger 13.1 1.3.2 Assembly 1.3.3 Replacing the shaft on the right-hand side 1.3.4 Replacing the shaft on the left-hand side 1.3.5 Replacing the crankshaft 1.3.6 Replacing the feathering fingers, bearings and bushes 1.3.7 Adjusting the table auger and feathering fingers. Table body 1.4.1 1.4.1 Adjusting the cut-off strips. 1.4.2 Adjusting and positioning the ground sensor - PowerFlow	33 34 35 36 42 43 43 43 43 43 43 45 46 46 48 48 48
1:	1.1 1.2 1.3	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters. 1.2.4 Positioning the double fingers, knife and crop lifters. Table auger 1.3.1 1.3.1 Removal. 1.3.2 Assembly. 1.3.3 Replacing the shaft on the right-hand side 1.3.4 Replacing the shaft on the left-hand side 1.3.5 Replacing the crankshaft 1.3.6 Replacing the feathering fingers, bearings and bushes. 1.3.7 Adjusting the table auger and feathering fingers. Table body 1.4.1 1.4.1 Adjusting the cut-off strips. 1.4.2 Adjusting and positioning the ground sensor - PowerFlow. Slip clutch and chain drive Slip clutch and chain drive	
1:	1.1 1.2 1.3	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters. Table auger	
1:	1.1 1.2 1.3	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters Table auger	
1:	 1.1 1.2 1.3 1.4 1.5 	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters Table auger 1.3.1 Removal 1.3.2 Assembly 1.3.3 Replacing the shaft on the right-hand side 1.3.4 Replacing the shaft on the left-hand side 1.3.5 Replacing the shaft on the left-hand side 1.3.4 Replacing the feathering fingers, bearings and bushes 1.3.6 Replacing the feathering fingers, bearings and bushes 1.3.7 Adjusting the table auger and feathering fingers. Table body 1.4.1 Adjusting and positioning the ground sensor - PowerFlow Slip clutch and chain drive 1.5.1 Removal 1.5.2 Assembly 1.5.3 Replacing the bearings and sprockets	
1:	1.1 1.2 1.3	General. Knife drive - wobble box. 1.2.1 Removal. 1.2.2 Assembly. 1.2.3 Reconditioning the wobble box. 1.2.4 Positioning the double fingers, knife and crop lifters. Table auger	
1:	 1.1 1.2 1.3 1.4 1.5 	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters. Table auger	
1:	 1.1 1.2 1.3 1.4 1.5 1.6 	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters. Table auger	
1:	 1.1 1.2 1.3 1.4 1.5 	General Knife drive - wobble box 12.1 Removal 12.2 Assembly 12.3 Reconditioning the wobble box 12.4 Positioning the double fingers, knife and crop lifters. Table auger	33 34 35 36 42 43 45 51 55 55 55 55
1:	 1.1 1.2 1.3 1.4 1.5 1.6 	General Knife drive - wobble box 1.2.1 Removal 1.2.2 Assembly 1.2.3 Reconditioning the wobble box 1.2.4 Positioning the double fingers, knife and crop lifters. Table auger	

		174 175 176	Replacing the rear rollers and bearings, scraper adjustment Replacing and aligning the bearing housing, rear rollers Belt tensioning and running-in	. 62
2:				
	2.1	Reel.		.69
		2.1.1	Removal	
		2.1.2	Assembly	. 70
		2.1.3	Replacing the reel tine bar and plastic bearings	
		2.1.4	Replacing the guide rollers, eccentric, guide ring and bearings.	
		2.1.5	Replacing the reel plates	
	~ ~	2.1.6	Replacing the reel tube, bearings	
	2.2		otor and chain drive	
		2.2.1	Replacing the oil motor	
	~ ~	2.2.2	Replacing the flow divider	
	2.3		ulic cylinders	
		2.3.1	Replacing the cylinder – reel up/down	
		2.3.2	Replacing the cylinder – reel forward/back	
		2.3.3	Reconditioning the hydraulic cylinders	. 79
3:	Mair	o cron	elevator	85
0.	3.1	-	ral	
	3.2		crop elevator.	
	0.2	3.2.1	Removal	
		3.2.1	Assembly	
		3.2.3	Bearing block on machine frame	
		3.2.4	Replacing the lifting ram	
		3.2.5	Reconditioning the hydraulic cylinder	
		3.2.6	Replacing the cutting height preset sensor	
	3.3	Crope	elevator chain	
		3.3.1	Removal	. 93
		3.3.2	Assembly	. 93
		3.3.3	Replacing the slats	
		3.3.4	Replacing the slide rails in the crop elevator	
		3.3.5	Replacing the intermediate plate	
	3.4	Elevat	tor chain top shaft	
		3.4.1	Removal	
		3.4.2	Assembly	
		3.4.3	Replacing the bearings	
		3.4.4	Replacing sprockets	
	0 F	3.4.5	Replacing the shaft protection tube	
	3.5		tor chain front shaft	
		3.5.1		
		3.5.2 3.5.3	Assembly	
	26			
	3.6		tor countershaft	
		3.6.1		
		3.6.2 3.6.3	Assembly	
	3.7		Replacing the bearings and sprockets	
	3.7	3.7.1	Removal	
		3.7.1	Assembly	
		3.7.2	Reconditioning the clutch	
	3.8		ter	
	0.0	3.8.1	Removal	
		3.8.2	Assembly	
		3.8.3	Replacing the cylinder/connecting rod	
		3.8.4	Reconditioning the hydraulic cylinder	
		3.8.5	Replacing the angle sensor	

	3.9	•	ulic reversing	
		3.9.1	Removal	
		3.9.2	Assembly	108
_				
4:		-	unit1	
	4.1		al	
	4.2	Stone	trap	
		4.2.1	Removal	112
		4.2.2	Assembly	
	4.3	Conca	ve	113
		4.3.1	Removal	113
		4.3.2	Assembly	
		4.3.3	Adjusting the concave laterally	
		4.3.4	Concave setting - initial setting	
		4.3.5	Replacing the actuator	
		4.3.6 4.3.7	Replacing the lead-in plate	
	4.4		Replacing the shaft for concave setting	
	4.4	4.4.1	ning cylinder	
		4.4.1	Assembly	
		442	Replacing the bearings.	
		4.4.4	Replacing the rasp bars and backing bars	
		4.4.5	Replacing the shaft and cylinder spiders	
	4.5	-	er variator – table clutch.	
		4.5.1	Removal, hydraulic variator	
		4.5.2	Assembly, hydraulic variator	
		4.5.3	Reconditioning the hydraulic variator pulley	
		4.5.4	Removal, mechanical variator	
		4.5.5	Assembly, mechanical variator	
		4.5.6	Reconditioning the mechanical variator pulley	
		4.5.7	Removal, magnetic clutch	
		4.5.8	Assembly, magnetic clutch	
	• •	4.5.9	Reconditioning the magnetic clutch.	
	4.6		et for counter drive	
		4.6.1	Removal	
		4.6.2	Assembly and alignment	
	4.7		eater	
		4.7.1	Removal	
		4.7.2		
	4.8	4.7.3 Deer h	Replacing the bearings	
	4.0		Deater concave	
		4.8.1 4.8.2	Removal	
	4.9	-	v separator cylinder	
	4.5	4.9.1	Bemoval	
		4.9.1	Assembly	
		4.9.3	Replacing the bearings.	
		4.9.4	Replacing the rasp bars	
	4.10	Rotary	v separator concave	
		4.10.1	Removal	
		4.10.2	Assembly	
		4.10.3	Concave setting - initial setting	
		4.10.4	Replacing the shaft for concave setting	
5:	Strav	w walk	(ers 1	41
	5.1	Gener	al	143
	5.2		walkers	
		5.2.1	Removal	
		5.2.2	Assembly	144

	5.3	Crank	- front	145
	010	5.3.1	Removal	
		5.3.2	Assembly	
		5.3.3	Replacing the bearings	. 146
	5.4	Crank	- rear	
		5.4.1	Removal	
		5.4.2 5.4.3	Assembly	
		5.4.3	Replacing the bearings	. 147
6:	Shak	er sho	e - Fanning mill	149
	6.1		al	
	6.2		ng Mill	
	012	6.2.1	Removal	
		6.2.2	Assembly	
		6.2.3	Replacing the fan blades	
		6.2.4	Replacing the fanning mill deflectors	
	6.3	6.2.5 Main (Replacing the seals	
	0.5	6.3.1	Removal	
		6.3.2	Assembly	
		6.3.3	Replacing the swivel arm and bearings	
		6.3.4	Replacing the seals	. 158
	6.4		d grain pan	159
		6.4.1	Removal	
		6.4.2 6.4.3	Assembly	
		6.4.3 6.4.4	Replacing the swivel arm and bearings Adjusting second grain pan	
	6.5		naker shoe.	
	0.0	6.5.1	Removal	
		6.5.2	Assembly	
		6.5.3	Replacing the swivel arm and bearings	
		6.5.4	Replacing the seals	
	6.6	6.5.5 Pottor	Replacing and calibrating the actuator - sieves	
	0.0	6.6.1	Removal	
		6.6.2	Assembly	
		6.6.3	Replacing the swivel arm and bearings	
		6.6.4	Replacing the seals	
	07	6.6.5	Electric sieve setting – initial setting	
	6.7		n augers	
		6.7.1 6.7.2	Removal Assembly	
	6.8		tric drive	
	010	6.8.1	Removal	
		6.8.2	Assembly	
		6.8.3	Adjusting the connecting rod / aligning the shaker shoes	
		6.8.4	Replacing the connecting rod bearing	
	60	6.8.5 Tropor	Replacing the bearings and eccentric shaft	
	6.9	691	nissions	
		6.9.2	Adjusting the fanning mill variator	
		6.9.3	Replacing and reconditioning the counter drive.	
7:				
	7.1		illing elevator	
		7.1.1		
		7.1.2 7.1.3	Assembly	
		7.1.3	Replacing the bottom sprocket	

		7.1.5 7.1.6 7.1.7	Replacing the elevator chain Moisture sensor Yieldmeter sensor	
	7.2	Returr	ns elevator	
		7.2.1	Removal	
		7.2.2	Assembly	
		7.2.3	Replacing the top shaft, bearings and sprockets	
		7.2.4	Replacing the bottom sprocket	
		7.2.5	Replacing the elevator chain	
	7 0	7.2.6		
	7.3	-	ns thresher	-
		7.3.1 7.3.2		
		7.3.2	Assembly	
		7.3.3 7.3.4	Replacing the threshing cylinder	
		7.3.5	Reconditioning the right-angle gear	
	7.4		illing auger.	
	<i>,</i>	7.4.1	Removal	
		7.4.2	Assembly	
		7.4.3	Replacing the top bearing	
		7.4.4	Reconditioning the right-angle gear	
	7.5	Transi	mission	
		7.5.1	Replacing the shaft, bearings and sprockets	192
8:	Engi	ne		193
	8.1		al	
	8.2		cing the engine	
	012	8.2.1	Removing the engine assembly.	
		8.2.2	Fitting the engine assembly.	
9 :			auger - Grain tank	
9:	Unio 9.1	Unloa	ding auger - horizontal	203
9:		Unloa 9.1.1	ding auger - horizontal	
9:	9.1	Unloa 9.1.1 9.1.2	ding auger - horizontal Removal Assembly	203 203 203
9:		Unloa 9.1.1 9.1.2 Unloa	ding auger - horizontal Removal. Assembly ding auger - vertical	
9:	9.1	Unloa 9.1.1 9.1.2 Unloa 9.2.1	ding auger - horizontal Removal. Assembly ding auger - vertical Removal.	
9:	9.1	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.2	ding auger - horizontal	
9:	9.1 9.2	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.2 9.2.3	ding auger - horizontal Removal. Assembly. ding auger - vertical Removal. Assembly. Removal. Assembly. Reconditioning the right-angle gear.	
9:	9.1	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.2 9.2.3 Unloa	ding auger - horizontal	
9:	9.1 9.2	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.2 9.2.3 Unloa 9.3.1	ding auger - horizontal Removal. Assembly ding auger - vertical Removal. Assembly. Reconditioning the right-angle gear. ding tube - horizontal Removal.	
9:	9.1 9.2 9.3	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.2 9.2.3 Unloa 9.3.1 9.3.2	ding auger - horizontal Removal. Assembly ding auger - vertical Removal. Assembly. Reconditioning the right-angle gear. ding tube - horizontal Removal. Assembly.	
9:	9.1 9.2	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.2 9.2.3 Unloa 9.3.1 9.3.2 Unloa	ding auger - horizontal Removal. Assembly ding auger - vertical Removal. Assembly Reconditioning the right-angle gear ding tube - horizontal Removal. Assembly ding tube - horizontal Assembly ding tube - vertical.	
9:	9.1 9.2 9.3	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.2 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1	ding auger - horizontal Removal. Assembly ding auger - vertical Removal. Assembly. Reconditioning the right-angle gear. ding tube - horizontal Removal. Assembly. ding tube - horizontal Removal. Assembly. Bemoval. Assembly. Removal. Assembly. ding tube - vertical. Removal.	
9:	9.1 9.2 9.3	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.2 9.2.3 Unloa 9.3.1 9.3.2 Unloa	ding auger - horizontal Removal. Assembly ding auger - vertical Removal. Assembly. Reconditioning the right-angle gear. ding tube - horizontal Removal. Assembly. ding tube - horizontal Removal. Assembly. ding tube - vertical. Removal. Assembly. ding tube - vertical. Removal. Assembly.	
9:	9.1 9.2 9.3	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.2 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.1 9.4.2	ding auger - horizontal Removal. Assembly ding auger - vertical Removal. Assembly. Reconditioning the right-angle gear. ding tube - horizontal Removal. Assembly. ding tube - horizontal Removal. Assembly. Bemoval. Assembly. Removal. Assembly. ding tube - vertical. Removal.	
9:	9.1 9.2 9.3	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.2 9.4.3	ding auger - horizontal Removal. Assembly ding auger - vertical Removal. Assembly. Reconditioning the right-angle gear. ding tube - horizontal Removal. Assembly. ding tube - horizontal Removal. Assembly. Bemoval. Assembly. ding tube - vertical. Removal. Assembly. Removal. Assembly. Removal. Assembly. ding tube - vertical. Removal. Assembly. Removal. Assembly. Replacing the swivel bearing.	
9:	9.1 9.2 9.3	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.2 9.4.3 9.4.4 9.4.5	ding auger - horizontal Removal. Assembly ding auger - vertical Removal. Assembly. Reconditioning the right-angle gear ding tube - horizontal Removal. Assembly. ding tube - horizontal Removal. Assembly. ding tube - vertical. Removal. Assembly. ding tube - vertical. Removal. Assembly. Removal. Assembly. ding tube - vertical. Removal. Assembly. Replacing the swivel bearing. Replacing the hydraulic cylinder.	
9:	9.1 9.2 9.3 9.4	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.2 9.4.3 9.4.4 9.4.5	ding auger - horizontal Removal. Assembly ding auger - vertical Removal. Assembly. Reconditioning the right-angle gear. ding tube - horizontal Removal. Assembly. ding tube - horizontal Removal. Assembly. ding tube - vertical. Removal. Assembly. Replacing the swivel bearing. Replacing the hydraulic cylinder. Reconditioning the hydraulic cylinder.	
9:	9.1 9.2 9.3 9.4	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.2 9.4.3 9.4.4 9.4.5 Unloa 9.5.1 9.5.2	ding auger - horizontal Removal. Assembly ding auger - vertical Removal. Assembly. Reconditioning the right-angle gear. ding tube - horizontal Removal. Assembly. ding tube - horizontal Removal. Assembly. ding tube - vertical. Removal. Assembly. ding tube - vertical. Removal. Assembly. ding tube - vertical. Removal. Assembly. Replacing the swivel bearing. Replacing the hydraulic cylinder. Reconditioning the hydraulic cylinder. Removal. Assembly. Assembly.	
9:	9.1 9.2 9.3 9.4 9.5	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.2 9.4.3 9.4.4 9.4.5 Unloa 9.5.1 9.5.2 9.5.3	ding auger - horizontal Removal. Assembly ding auger - vertical Removal. Assembly Reconditioning the right-angle gear ding tube - horizontal Removal. Assembly Removal. Assembly Removal. Assembly ding tube - vertical. Removal. Assembly Reglacing the swivel bearing. Replacing the hydraulic cylinder. Reconditioning the hydraulic cylinder ding tube elbow. Removal. Assembly. Removal. Assembly. Reconditioning the hydraulic cylinder ding tube elbow. Removal. Assembly. Removal. Assembly. Reconditioning the right-angle gear	
9:	9.1 9.2 9.3 9.4	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.2 9.4.3 9.4.4 9.4.5 Unloa 9.5.1 9.5.2 9.5.3 Bottor	ding auger - horizontal	
9:	9.1 9.2 9.3 9.4 9.5	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.2 9.4.3 9.4.4 9.4.5 Unloa 9.5.1 9.5.2 9.5.3 Bottor 9.6.1	ding auger - horizontal	
9:	9.1 9.2 9.3 9.4 9.5	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.2 9.4.3 9.4.4 9.4.5 Unloa 9.5.1 9.5.2 9.5.3 Bottor 9.6.1 9.6.2	ding auger - horizontal Removal Assembly ding auger - vertical Removal Assembly Beconditioning the right-angle gear ding tube - horizontal Removal Assembly ding tube - horizontal Removal Assembly ding tube - vertical Removal Assembly ding tube - vertical Removal Assembly Replacing the swivel bearing Replacing the hydraulic cylinder Reconditioning the hydraulic cylinder ding tube elbow Removal Assembly	
9:	 9.1 9.2 9.3 9.4 9.5 9.6 	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.2 9.4.3 9.4.4 9.4.5 Unloa 9.5.1 9.5.2 9.5.3 Bottor 9.6.1 9.6.2 9.6.3	ding auger - horizontal Removal Assembly ding auger - vertical Removal Assembly Reconditioning the right-angle gear ding tube - horizontal Removal Assembly Removal Assembly Removal Assembly ding tube - vertical Assembly ding tube - vertical Assembly ding tube - vertical Removal Assembly ding tube e vertical Replacing the swivel bearing Replacing the hydraulic cylinder Reconditioning the hydraulic cylinder ding tube elbow Removal Assembly Removal Assembly Removal Assembly Reconditioning the right-angle gear n auger and cover plate Removal Assembly Removal Assembly Removal Assembly Replacing the bearings, safety clutch <td></td>	
9:	9.1 9.2 9.3 9.4 9.5	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.2 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.2 9.4.3 9.4.4 9.4.5 Unloa 9.5.1 9.5.2 9.5.3 Bottor 9.6.1 9.6.2 9.6.3 Transi	ding auger - horizontal Removal Assembly ding auger - vertical Removal Assembly Reconditioning the right-angle gear ding tube - horizontal Removal Assembly Removal Assembly Removal Assembly ding tube - vertical Removal Assembly ding tube - vertical Removal Assembly Renoval Assembly Replacing the swivel bearing Replacing the hydraulic cylinder Reconditioning the hydraulic cylinder ding tube elbow Removal Assembly Reconditioning the right-angle gear n auger and cover plate Removal Assembly Removal Assembly Replacing the bearings, safety clutch mission	
9:	 9.1 9.2 9.3 9.4 9.5 9.6 	Unloa 9.1.1 9.1.2 Unloa 9.2.1 9.2.3 Unloa 9.3.1 9.3.2 Unloa 9.4.1 9.4.2 9.4.3 9.4.4 9.4.5 Unloa 9.5.1 9.5.2 9.5.3 Bottor 9.6.1 9.6.2 9.6.3	ding auger - horizontal Removal Assembly ding auger - vertical Removal Assembly Reconditioning the right-angle gear ding tube - horizontal Removal Assembly Removal Assembly Removal Assembly ding tube - vertical Assembly ding tube - vertical Assembly ding tube - vertical Removal Assembly ding tube e vertical Replacing the swivel bearing Replacing the hydraulic cylinder Reconditioning the hydraulic cylinder ding tube elbow Removal Assembly Removal Assembly Removal Assembly Reconditioning the right-angle gear n auger and cover plate Removal Assembly Removal Assembly Removal Assembly Replacing the bearings, safety clutch <td></td>	

	9.8	Grain tank covers
		9.8.1 Removal
		9.8.2 Assembly
10:	Drive	unit
	10.1	Radiator - Intercooler
		10.1.1 Removal
		10.1.2 Assembly
	10.2	Oil cooler
		10.2.1 Removal
		10.2.2 Assembly
	10.3	Condenser – air conditioning
		10.3.1 Removal
	10.4	10.3.2 Assembly
	10.4	Rotary screen
		10.4.1 Removal
		10.4.2 Assembly
		10.4.4 Replacing the drive shaft and clutch
	10.5	Dust aspirator
	1010	10.5.1 Removal
		10.5.2 Assembly
	10.6	Hydrostatic pump
		10.6.1 Removal
		10.6.2 Assembly
		10.6.3 Tensioning device
	10.7	Auxiliary hydraulic pump
		10.7.1 Removal
		10.7.2 Assembly
	10.8	Hydraulic oil tank
		10.8.1 Removal
	10.0	10.8.2 Assembly
	10.9	Fuel tank
		10.9.1 Removal
		10.9.2 Assembly
	10 10	Compressor – air conditioning
	10.10	10.10.1 Removal
		10.10.2 Assembly
	10.11	Power take-off
		10.11.1 Removal
		10.11.2 Assembly
		10.11.3 Replacing the clutch disc
		10.11.4 Replacing the output shaft, bearing and hub 24
	_	
11:	Trans	missions
	11.1	General
	11.2	Countershaft
		11.2.1 Removal
		11.2.2 Assembly
		11.2.3 Replacing the bearings
	11.0	11.2.4 Reconditioning the safety clutch
	11.3	Replacing the belts, right-hand side
		11.3.1 Rear beater - counter drive, cylinder variator 243 11.3.2 Counter drive, variator - threshing cylinder 250
		11.3.2 Counter drive, variator - threshing cylinder 25 11.3.3 Rear beater - rotary separator 25
		11.3.4 Fanning mill - fanning mill variator 25
		11.3.5 Rear beater - fanning mill variator 252

		11.3.6	Unloading auger shaft - unloading auger	253
		11.3.7	Unloading auger shaft - rotary screen clutch	
		11.3.8	Unloading auger shaft - dust aspirator	
		11.3.9	Countershaft - counter drive, elevators	
	11.4	Replac	ing the chains, right-hand side	257
		11.4.1	Counter drive, elevators - returns elevator.	
		11.4.2	Counter drive, elevators - tank filling elevator	
		11.4.3	Counter drive, elevators - tank filling auger	
		11.4.4	Returns elevator - returns thresher	
		11.4.5	Reel drive	. 258
	11.5	Replac	ing the belts, left-hand side	259
		11.5.1	Countershaft - rear beater	. 259
		11.5.2	Countershaft - counter drive, straw chopper	. 259
		11.5.3	Counter drive - straw chopper	
		11.5.4	Engine - countershaft	
		11.5.5	Rear beater - countershaft, shaker shoe drive	
		11.5.6	Countershaft, shaker shoe drive - eccentric shaft	
		11.5.7	Countershaft, shaker shoe drive - straw walker crank	
		11.5.8	Rear beater - elevator chain top shaft	
		11.5.9	Engine - unloading auger shaft.	
			Engine - hydrostatic pump	
			PTO shaft – table countershaft	
			Countershaft - hydraulic pump, chaff spreader	
	11.6		ing the chains, left-hand side	
	11.0	11.6.1	Table countershaft - table auger	
		11.6.2	Elevator chain top shaft - elevator countershaft	
		11.6.3	Table auger - belt rollers (PowerFlow)	
		11.0.0		200
		11.6.4	Hydraulic motor, reversing - elevator countershaft	. ///
		11.6.4 11.6.5	Hydraulic motor, reversing - elevator countershaft	
			Hydraulic motor, reversing - elevator countershaft	
12:	Unde	11.6.5		. 271
12:	Unde 12.1	11.6.5 ercarria	Bottom auger – unloading auger	271 273
12:		11.6.5 ercarria	Bottom auger – unloading auger	271 273 275
12:		11.6.5 ercarria Auto L	Bottom auger – unloading auger	271 273 275 275
12:		11.6.5 ercarria Auto L 12.1.1	Bottom auger – unloading auger	271 273 275 275 275 276
12:		11.6.5 ercarria Auto L 12.1.1 12.1.2	Bottom auger – unloading auger	271 273 275 275 276 276 278 279
12:		11.6.5 ercarria Auto L 12.1.1 12.1.2 12.1.3	Bottom auger – unloading auger	271 273 275 275 276 278 279 280
12:	12.1	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6	Bottom auger – unloading auger	271 273 275 275 276 276 278 279 280 281
12:		11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6	Bottom auger – unloading auger	271 273 275 275 276 278 278 279 280 281 282
12:	12.1	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1	Bottom auger – unloading auger	271 273 275 275 276 278 278 279 280 281 282 282
12:	12.1	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2	Bottom auger – unloading auger	271 273 275 275 276 278 279 280 281 282 282 282 282
12:	12.1 12.2	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3	Bottom auger – unloading auger	271 273 275 275 276 278 279 280 281 282 282 282 282 282 284
12:	12.1	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo	Bottom auger – unloading auger	271 273 275 275 276 278 279 280 281 282 282 282 282 282 284 287
12:	12.1 12.2	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1	Bottom auger – unloading auger	271 273 275 275 276 278 279 280 281 282 282 282 282 282 284 287 287
12:	12.1 12.2	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2	Bottom auger – unloading auger	271 273 275 275 276 278 278 279 280 281 282 282 282 282 282 284 287 287 288
12:	12.1 12.2	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2 12.3.3	Bottom auger – unloading auger	. 271 273 275 275 275 276 278 278 280 281 282 282 282 282 284 287 287 288 287 288 289
12:	12.1 12.2	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2 12.3.3 12.3.4	Bottom auger – unloading auger age evel final drive bracket age Removal assembly Assembly age Replacing the bushing age Replacing the hydraulic cylinder age Reconditioning the hydraulic cylinder adjusting the AutoLevel potentiometer rives age Removal assembly Assembly assembly Removal assembly Removal assembly Removal assembly Removal assembly Removal assembly Removal assembly Assembly assembly Replacing the shifter cylinders and sensor adjusting the shifter cylinders and sensor	. 271 273 275 275 276 278 278 280 281 282 282 282 282 282 284 287 288 287 288 289 290
12:	12.1 12.2	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2 12.3.3 12.3.4 12.3.5	Bottom auger – unloading auger age evel final drive bracket age Removal. Assembly Assembly age Replacing the bushing age Replacing the hydraulic cylinder. age Reconditioning the hydraulic cylinder adjusting the AutoLevel potentiometer. rives. age Removal. assembly. Reconditioning the final drives. age Dx assembly. Replacing the shifter cylinders and sensor adjusting the shifter cylinders and sensor. Replacing the lubrication pump assensor	. 271 273 275 275 276 278 278 280 281 282 282 282 282 282 284 287 288 287 288 289 290 294
12:	12.1 12.2	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2 12.3.3 12.3.4 12.3.5 12.3.6	Bottom auger – unloading auger age evel final drive bracket age Removal assembly Assembly assembly Replacing the bushing assembly Replacing the hydraulic cylinder assembly Reconditioning the hydraulic cylinder adjusting the AutoLevel potentiometer Adjusting the AutoLevel potentiometer assembly Removal assembly Resconditioning the final drives assembly Dx assembly Replacing the shifter cylinders and sensor adjusting the shifter cylinders and sensor Adjusting the shifter cylinders and sensor adjusting the shifter forks	271 273 275 275 276 278 278 280 281 282 282 282 282 282 284 287 288 287 288 289 290 294 294
12:	12.1 12.2	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2 12.3.3 12.3.4 12.3.5 12.3.6 12.3.7	Bottom auger – unloading auger	. 271 273 275 275 275 276 278 280 281 282 282 282 282 282 284 287 288 287 288 289 290 294 295 295
12:	12.1 12.2 12.3	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2 12.3.3 12.3.4 12.3.5 12.3.6 12.3.7 12.3.8	Bottom auger – unloading auger	. 271 273 275 275 276 278 279 280 281 282 282 282 282 284 287 288 287 288 287 288 289 290 294 295 294 295 295 296
12:	12.1 12.2	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.3.3 Gearbo 12.3.1 12.3.2 12.3.3 12.3.4 12.3.2 12.3.3 12.3.4 12.3.5 12.3.6 12.3.7 12.3.8 Hydros	Bottom auger – unloading auger	. 271 273 275 275 276 278 278 280 281 282 282 282 282 284 287 288 288 289 290 294 299 290 294 295 296 300 303
12:	12.1 12.2 12.3	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.3.3 Gearbo 12.3.1 12.3.2 12.3.3 12.3.4 12.3.2 12.3.3 12.3.4 12.3.5 12.3.6 12.3.7 12.3.8 Hydros 12.4.1	Bottom auger – unloading auger Image age Image evel final drive bracket Image Removal Image Assembly Image Replacing the bushing Image Replacing the hydraulic cylinder Image Adjusting the hydraulic cylinder Image Adjusting the AutoLevel potentiometer. Image rives Image Removal Image Assembly Image Removal Image Assembly Image Removal Image Assembly Image Removal Image Assembly Image Replacing the final drives Image OX Image Assembly Image Replacing the shifter cylinders and sensor Image Adjusting the shifter cylinders and sensor Image Adjusting the shifter forks Image Replacing the shifter forks Image Reconditioning the differential Image Reconditioning the gearbox Image Static motor	. 271 273 275 275 276 278 278 280 281 282 282 282 282 284 287 288 288 289 290 294 295 296 300 303 303
12:	12.1 12.2 12.3 12.4	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2 12.3.3 12.3.4 12.3.5 12.3.6 12.3.7 12.3.8 Hydros 12.4.1 12.4.2	Bottom auger – unloading auger age evel final drive bracket Removal Assembly Replacing the bushing Replacing the hydraulic cylinder Reconditioning the hydraulic cylinder Adjusting the AutoLevel potentiometer. rives Removal Assembly Reconditioning the final drives ox Removal Assembly Replacing the shifter cylinders and sensor Adjusting the shifter cylinders and sensor Adjusting the shifter cylinders and sensor Adjusting the shifter cylinders and sensor Replacing the shifter cylinders and sensor Reconditioning the differential Reconditioning the gearbox static motor Removal Assembly	. 271 273 275 275 276 278 278 280 281 282 282 282 282 284 287 288 289 290 294 299 294 295 296 300 303 303
12:	12.1 12.2 12.3	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2 12.3.4 12.3.5 12.3.6 12.3.7 12.3.8 Hydros 12.4.1 12.4.2 Brakes	Bottom auger – unloading auger	. 271 273 275 275 276 278 280 281 282 282 282 282 284 287 288 289 290 294 295 296 300 303 303 304
12:	12.1 12.2 12.3 12.4	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2 12.3.4 12.3.5 12.3.6 12.3.7 12.3.8 Hydros 12.4.1 12.4.2 Brakes 12.5.1	Bottom auger – unloading auger	. 271 273 275 275 276 278 280 280 282 282 282 282 282 284 287 288 287 288 289 290 294 295 294 295 300 303 303 304 304
12:	12.1 12.2 12.3 12.4	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2 12.3.3 12.3.4 12.3.5 12.3.6 12.3.7 12.3.8 Hydros 12.4.1 12.4.2 Brakes 12.5.1 12.5.2	Bottom auger – unloading auger evel final drive bracket. Removal. Assembly . Replacing the bushing . Replacing the hydraulic cylinder. Reconditioning the hydraulic cylinder . Adjusting the AutoLevel potentiometer. rives . Removal. Assembly . Reconditioning the final drives. OX Removal. Assembly . Replacing the shifter cylinders and sensor Adjusting the shifter cylinders and sensor. Adjusting the shifter cylinders and sensor. Replacing the shifter forks. Reconditioning the differential. Reconditioning the differential. Reconditioning the differential. Reconditioning the differential. Reconditioning the differential. Reconditioning the differential. Reconditioning the brake blocks. Replacing the brake blocks. Replacing the brake blocks.	. 271 275 275 275 278 278 280 281 282 282 282 282 284 287 288 287 288 289 290 294 295 294 295 300 303 303 304 304 304
12:	12.1 12.2 12.3 12.4	11.6.5 Auto L 12.1.1 12.1.2 12.1.3 12.1.4 12.1.5 12.1.6 Final d 12.2.1 12.2.2 12.2.3 Gearbo 12.3.1 12.3.2 12.3.4 12.3.5 12.3.6 12.3.7 12.3.8 Hydros 12.4.1 12.4.2 Brakes 12.5.1	Bottom auger – unloading auger	. 271 275 275 275 278 278 280 281 282 282 282 282 284 287 288 287 288 289 290 294 295 294 295 300 303 303 304 304 305 307

	12.6	12.5.6 Adj	blacing the handbrake shoes	. 312
	12.0			
			neral	
			embly	
			placing the king pins and bushings	
			placing the steering cylinder	
			conditioning the hydraulic cylinder	
			usting the toe-in and steering deflection	
13:	Cab.			319
	13.1		ction lever and control panel	
	13.1		ntrol panel	
			neor paner	
			Iti-function lever	
	13.2		the windscreen	
	13.3		anel in roof	
	13.4			
			pection doors	
			placing the windscreen wiper	
			placing the blower	
			placing the heating element/tap	
	10 F			
	13.5		nooting – Climate control	
			nate control faults in general	
			S – Electronic control unit	
		13.5.3 Tro	ubleshooting table	. 330
1 / .	Lluda	oulioo		222
14:				
14:	Hydr 14.1	General.		.335
14:		General 14.1.1 Emp	ptying and filling the hydrostatic system	.335 .338
14:		General 14.1.1 Em 14.1.2 Rur	ptying and filling the hydrostatic system	.335 .338 .340
14:	14.1	General 14.1.1 Em 14.1.2 Run 14.1.3 Run	ptying and filling the hydrostatic system nning in and bleeding the hydrostatic system nning in and bleeding the auxiliary hydraulics	.335 .338 .340 .340
14:		General 14.1.1 Em 14.1.2 Rur 14.1.3 Rur Hydrostat	ptying and filling the hydrostatic system	.335 .338 .340 .340 .340 .343
14:	14.1	General 14.1.1 Employ 14.1.2 Rur 14.1.3 Rur Hydrostat 14.2.1	ptying and filling the hydrostatic system	.335 338 340 340 .340 .343 343
14:	14.1	General Image: Constraint of the second	ptying and filling the hydrostatic system	.335 338 340 340 .343 343 343
14:	14.1	General Image: Constraint of the second	ptying and filling the hydrostatic system	.335 338 340 340 .343 343 343 343
14:	14.1 14.2	General Image: Constraint of the second	ptying and filling the hydrostatic system	.335 338 340 340 .340 .343 343 343 343 343 345
14:	14.1 14.2	General Image: Constraint of the second	ptying and filling the hydrostatic system	.335 338 340 .340 .343 .343 343 343 345 .347
14:	14.1 14.2	General 14.1.1 Em 14.1.2 Rur 14.1.3 Rur Hydrostat Hydrostat 14.2.1 Hyc 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc 14.2.3 Oil 14.2.4 Hyc 14.2.3 Hyc 14.2.4 Hyc Gearshift 14.3.1	ptying and filling the hydrostatic system	.335 338 340 340 .343 343 343 343 345 .347 347
14:	14.1 14.2 14.3	General Image: Constraint of the second	ptying and filling the hydrostatic system	.335 338 340 340 .343 343 343 343 345 .347 .347 347
14:	14.1 14.2	General 14.1.1 Em 14.1.2 Rur 14.1.3 Rur Hydrostat H4.2.1 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc Gearshift H4.3.1 14.3.1 Hyc 14.3.2 Hyc 14.3.4 Hyc 14.3.5 Hyc 14.3.1 Hyc 14.3.2 Hyc	ptying and filling the hydrostatic system	.335 338 340 .343 .343 343 343 343 .345 .347 347 347 .349
14:	14.1 14.2 14.3	General 14.1.1 Employ 14.1.2 Rur 14.1.3 Rur Hydrostat 14.2.1 Hyc 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc Gearshift 14.3.1 14.3.2 Hyc 14.3.4 Hyc 14.3.5 Hyc 14.4.1 Hyc	ptying and filling the hydrostatic system	.335 338 340 .343 343 343 343 343 345 .347 347 347 347 349 349
14:	14.1 14.2 14.3 14.4	General 14.1.1 Employ 14.1.2 Rur 14.1.3 Rur Hydrostat Hydrostat 14.2.1 Hyc 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc Gearshift Ha.3.1 14.3.2 Hyc 14.3.4 Hyc 14.3.5 Hyc 14.4.1 Hyc 14.4.2 Hyc	ptying and filling the hydrostatic system	.335 338 340 .343 343 343 343 343 345 .347 347 347 347 .349 349 349
14:	14.1 14.2 14.3	General 14.1.1 Employ 14.1.2 Rur 14.1.3 Rur Hydrostat Hydrostat 14.2.1 Hydrostat 14.2.2 Oil 14.2.3 Oil 14.2.4 Hydrostat 14.2.3 Oil 14.2.4 Hydrostat 14.3.1 Hydrostat 14.3.2 Hydrostat 14.3.4 Hydrostat 14.4.2 Hydrostat 14.4.1 Hydrostat 14.4.2 Hydrostat	ptying and filling the hydrostatic system	.335 338 340 .343 343 343 343 343 343 .343 .347 347 347 .347
14:	14.1 14.2 14.3 14.4	General 14.1.1 Empl 14.1.2 14.1.2 Rur 14.1.3 Rur Hydrostat Hydrostat 14.2.1 Hyc 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc Gearshift Ha.3.1 14.3.2 Hyc Hand brak H.4.1 14.4.2 Hyc 14.4.1 Hyc 14.4.2 Hyc 14.5.1 Hyc	ptying and filling the hydrostatic system nning in and bleeding the hydrostatic system ining in and bleeding the auxiliary hydraulics ic system draulic pump motor cooler draulic oil filter draulic cylinders - gearshift draulic valves - gearshift ce draulic valves - hand brake draulic cylinder - hand brake draulic cylinder - hand brake draulic pump	.335 338 340 .343 343 343 343 343 345 .347 347 347 347 347 347 347 349 349 349 349 349 351
14:	14.1 14.2 14.3 14.4	General 14.1.1 Empl 14.1.2 14.1.2 Rur 14.1.3 Rur Hydrostat Hydrostat 14.2.1 Hyc 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc Gearshift Ha.3.1 14.3.2 Hyc Hand brak H4.4.1 14.4.2 Hyc Auxiliary H4.5.1 14.5.1 Hyc	ptying and filling the hydrostatic system	.335 338 340 .343 343 343 343 343 343 .343 .345 .347 347 347 .347 .349 349 349 349 349 351 351
14:	14.1 14.2 14.3 14.4	General 14.1.1 Empl 14.1.2 14.1.3 Rur Hydrostat 14.2.1 Hyc 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc Gearshift Hand 14.3.1 Hyc 14.3.2 Hyc 14.3.4 Hyc 14.3.5 Hyc 14.3.1 Hyc 14.3.2 Hyc 14.3.1 Hyc 14.3.2 Hyc 14.3.1 Hyc 14.3.2 Hyc 14.5.1 Hyc 14.5.1 Hyc 14.5.2 Hyc 14.5.3 Oil	ptying and filling the hydrostatic system	.335 338 340 .343 343 343 343 343 343 343 345 .347 347 347 347 347 347 347 347 349 349 349 349 349 351 351
14:	14.1 14.2 14.3 14.4 14.5	General 14.1.1 Empl 14.1.2 14.1.2 Rur 14.1.3 Rur Hydrostat Hydrostat 14.2.1 Hyc 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc Gearshift Ha.3.1 14.3.2 Hyc Hand brak H.4.1 14.4.2 Hyc Auxiliary H.5.1 14.5.2 Hyc 14.5.3 Oil 14.5.4 Hyc	ptying and filling the hydrostatic system	.335 338 340 .343 343 343 343 343 343 345 .347 347 347 347 347 347 349 349 349 349 349 349 351 351 351 351
14:	14.1 14.2 14.3 14.4	General 14.1.1 Empl 14.1.2 14.1.2 Rur 14.1.3 Rur Hydrostat 14.2.1 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc Gearshift 14.3.1 14.3.2 Hyc Hand brak 14.4.1 14.4.2 Hyc Auxiliary 14.5.1 14.5.1 Hyc 14.5.2 Hyc 14.5.3 Oil 14.5.4 Hyc 14.5.4 Hyc	ptying and filling the hydrostatic system	.335 338 340 .343 343 343 343 343 343 343 343 345 .347 347 347 347 347 347 349 349 349 349 349 351 351 351 351 353 .355
14:	14.1 14.2 14.3 14.4 14.5	General 14.1.1 Empl 14.1.2 14.1.2 Rur 14.1.3 Rur Hydrostat Hydrostat 14.2.1 Hydrostat 14.2.2 Oil 14.2.3 Oil 14.2.4 Hydrostat 14.2.3 Oil 14.2.4 Hydrostat 14.3.1 Hydrostat 14.3.2 Hydrostat 14.3.4 Hydrostat 14.4.1 Hydrostat 14.4.2 Hydrostat 14.4.1 Hydrostat 14.5.1 Hydrostat 14.5.2 Hydrostat 14.5.3 Oil 14.5.4 Hydrostat 14.5.4 Hydrostat 14.5.4 Hydrostat 14.6.1 Hydrostat	ptying and filling the hydrostatic system nning in and bleeding the hydrostatic system ic system draulic pump motor cooler draulic oil filter draulic cylinders - gearshift draulic valves - gearshift ce draulic cylinder - hand brake traulic cylinder - hand brake traul	.335 338 340 .343 343 343 343 343 343 343 345 .347 347 347 347 347 349 349 349 349 349 349 351 351 351 351 355 355
14:	14.1 14.2 14.3 14.4 14.5	General 14.1.1 Empl 14.1.2 14.1.2 Rur 14.1.3 Rur Hydrostat Hydrostat 14.2.1 Hydrostat 14.2.2 Oil 14.2.3 Oil 14.2.4 Hydrostat 14.2.3 Oil 14.2.4 Hydrostat 14.3.1 Hydrostat 14.3.2 Hydrostat 14.3.1 Hydrostat 14.3.2 Hydrostat 14.4.1 Hydrostat 14.4.2 Hydrostat 14.4.1 Hydrostat 14.5.1 Hydrostat 14.5.2 Hydrostat 14.5.3 Oil 14.5.4 Hydrostat 14.5.4 Hydrostat 14.6.1 Hydrostat 14.6.2 Presentat	ptying and filling the hydrostatic system . ning in and bleeding the hydrostatic system . ning in and bleeding the auxiliary hydraulics . ic system . draulic pump . motor . cooler . draulic oil filter . draulic cylinders - gearshift . draulic valves - gearshift . draulic valves - gearshift . draulic cylinder - hand brake . draulic cylinder - hand brake . hydraulics . draulic oil tank and return oil filter . cooler . draulic oil tank and return oil filter . cooler . draulic valve - main valve . ble . draulic cylinders - table up/down . ssure accumulators - cutting table .	.335 338 340 343 343 343 343 343 343 343 345 .347 347 347 347 347 349 349 349 349 349 349 351 351 351 351 355 355
14:	14.1 14.2 14.3 14.4 14.5	General 14.1.1 Empl 14.1.2 Rur 14.1.3 Rur Hydrostat Hydrostat 14.2.1 Hyc 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc Gearshift Ha.3.1 14.3.2 Hyc Hand brak H.4.1 14.4.2 Hyc Auxiliary H.5.1 14.5.2 Hyc 14.5.3 Oil 14.5.4 Hyc 14.5.5 Hyc 14.5.4 Hyc 14.6.1 Hyc 14.6.2 Pres 14.6.3 Hyc	ptying and filling the hydrostatic system	.335 338 340 .343 343 343 343 343 343 343 345 .347 347 347 347 347 349 349 349 349 349 349 349 351 351 351 351 355 355 355
14:	14.1 14.2 14.3 14.4 14.5	General 14.1.1 Empl 14.1.2 Rur 14.1.3 Rur Hydrostat Hydrostat 14.2.1 Hyc 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc Gearshift Ha.3.1 14.3.2 Hyc Hand brak H4.4.1 14.4.2 Hyc Auxiliary H 14.5.1 Hyc 14.5.2 Hyc 14.5.3 Oil 14.5.4 Hyc 14.5.5 Hyc 14.5.4 Hyc 14.5.4 Hyc 14.5.4 Hyc 14.5.4 Hyc 14.5.4 Hyc 14.6.1 Hyc 14.6.2 Pres 14.6.3 Hyc	ptying and filling the hydrostatic system	.335 338 340 .343 343 343 343 343 343 343 345 .347 347 347 347 347 347 349 349 349 349 349 349 349 351 351 351 351 355 355 355 355
14:	14.1 14.2 14.3 14.4 14.5	General 14.1.1 Empl 14.1.2 Rur 14.1.3 Rur Hydrostat Hydrostat 14.2.4 Hyc 14.2.3 Oil 14.2.4 Hyc Gearshift Hand brak 14.4.1 Hyc 14.3.2 Hyc Hand brak H4.4.1 14.5.1 Hyc 14.5.2 Hyc 14.5.3 Oil 14.5.4 Hyc 14.5.5 Hyc 14.5.4 Hyc 14.5.5 Hyc 14.5.4 Hyc 14.5.5 Hyc	ptying and filling the hydrostatic system nning in and bleeding the auxiliary hydraulics ic system draulic pump motor cooler draulic cylinders - gearshift draulic cylinders - gearshift draulic valves - gearshift ce draulic valve - hand brake draulic cylinder - hand brake hydraulics. draulic oil tank and return oil filter cooler draulic cylinders - table up/down ssure accumulators - cutting table draulic valve - table up/down (Auto Level machine) draulic valve - table up/down (Auto Level machine) draulic valve - table up/down (Auto Level machine) draulic cylinder - table levelling	.335 338 340 343 343 343 343 343 343 343 343 347 347
14:	14.1 14.2 14.3 14.4 14.5	General 14.1.1 Empl 14.1.2 Rur 14.1.3 Rur Hydrostat 14.2.1 Hyc 14.2.2 Oil 14.2.3 Oil 14.2.4 Hyc Gearshift Hand brak 14.3.1 Hyc 14.3.2 Hyc Hand brak H4.4.1 14.4.2 Hyc Auxiliary H 14.5.1 Hyc 14.5.2 Hyc 14.5.3 Oil 14.5.4 Hyc 14.5.3 Oil 14.5.4 Hyc 14.5.4 Hyc 14.5.4 Hyc 14.5.4 Hyc 14.5.4 Hyc 14.6.1 Hyc 14.6.2 Pres 14.6.3 Hyc 14.6.4 Hyc 14.6.5 Hyc 14.6.6 Pres	ptying and filling the hydrostatic system	.335 338 340 343 343 343 343 343 343 343 343 347 347

	14.7	Auto Level	
		14.7.1 Hydraulic cylinders - machine levelling	
		14.7.2 Hydraulic valve - machine up/down/levelling	
	14.8	Reel	
		14.8.1 Hydraulic cylinders - reel up/down	
		14.8.2 Hydraulic valve - reel up/down	
		14.8.3 Hydraulic cylinders - reel fore/aft	
		14.8.4 Hydraulic valve - reel fore/aft	
		14.8.6 Flow divider	
		14.8.7 Rape auger	
	14.9	Steering	
	14.3		
		14.9.1 Hydraulic cylinders - steering 14.9.2 Orbitrol steering valve	
	1/ 10	Cylinder variator	
	14.10	14.10.1 Cylinder variator	
		14.10.7 Cymruei variator	
	1/1 11	Unloading auger	
	14.11	14.11.1 Hydraulic cylinder - unloading auger	
		14.11.2 Hydraulic valve - unloading auger	
	1/ 12	Reversing	
	17.12	14.12.1 Oil motor	
		14.12.1 Unimotor	
	14 13	Chaff spreader	
	14.15	14.13.1 Hydraulic pump	
		14.13.2 Oil motors	
	14 14	Maxi Spreader	
	14.14	14.14.1 Hydraulic pump	
		14.14.2 Solenoid valves	
		14.14.3 Hydraulic motor	
	14.15	Troubleshooting - hydrostatic transmission	
		14.15.1 Hydrostatic transmission faults in general	
		14.15.2 Pump and motor specifications	
		14.15.3 Functional diagram, HPV pump - HMF motor	
		14.15.4 Connecting test equipment	
		14.15.5 Troubleshooting table	
		14.15.6 Checking the charge pump	
		14.15.7 Checking the high pressure valves	
		14.15.8 Checking the high pressure valve	
		14.15.9 Checking the servo control	
		14.15.10 Checking the hydraulic pump	
		14.15.11 Checking the hydraulic motor	391
15:		nine housing	
	15.1	General	395
16:	Elect	rical system	97
	16.1	General	399
	16.2	Description of FIELDSTAR4	100
	16.3	Electric box	
		16.3.1 Replacing the terminal	
		16.3.2 Replacing the job computers	
	16.4	Calibrations	
		16.4.1 Speed calibration	
		16.4.2 Calibrating the concave	
		16.4.3 Shaft alarm calibration	
		16.4.4 Calibrating the electrical sieves	
		16.4.5 Calibrating the electrical straw deflectors	406
		16.4.6 Calibrating Auto Level Combine.	

	16.11	16.4.7 Table Calibration.40Diagrams overview40Wiring diagrams41Diagrams - computer input/output.42Connectors42W-connecting points43Components.43Key to symbols49Wiring overview.49	9 2 2 5 0 1 3
17:	Strav	v chopper	9
	17.1	General	
		17.1.1 Replacing and calibrating the electric actuator – straw deflectors	0
40	•		_
18:		eral assembly instructions	
	18.1	Fitting gib-head keys	
	18.2	Fitting tightening pins	
	18.3	Fitting hydraulic pipes and screw connections	
	18.4	Fitting a flanged bearing with locking collar	
	18.5	Fitting sliding bushings544	
	18.6	Removing the revolution sensor	
	18.7	Fitting tightening rings	0
19:	ВЛ:	ellaneous data	4
19:	19.1	General	
	19.1	Speeds - adjustment values	
	19.2	Maintenance	
	13.3	Internation chart 55	
		19.3.2 Lubrication points, left-hand machine side	
		19.3.3 Lubrication points, right-hand machine side	
		19.3.4 Recommended lubricants	
		19.3.5 Gear	-
		19.3.6 Air Conditioning	0

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