



Operator's manual

EN

RF 135 BalePack OC14

RF 135 BalePack OC23

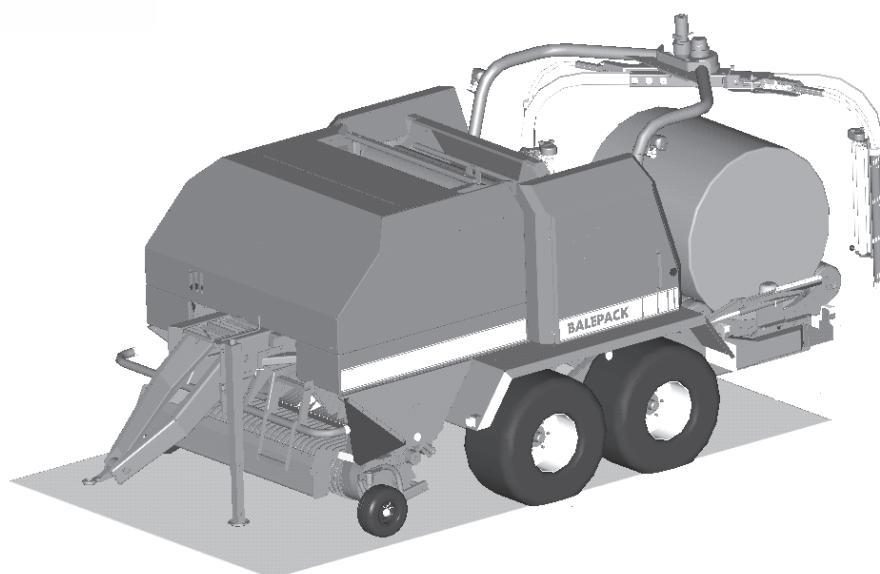


Table of contents

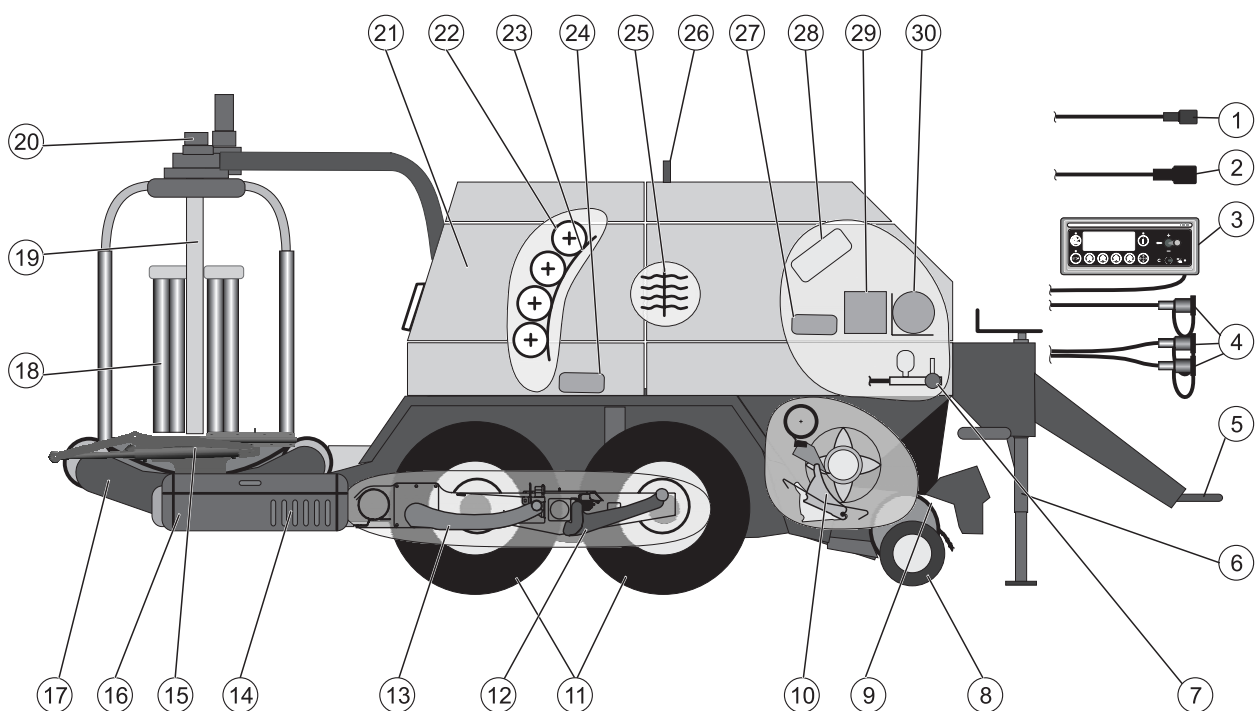
1	Safety	7
1.1	For your safety	7
1.2	Safety instructions in this manual	7
1.3	Type plate	8
1.4	Intended use	8
1.5	Liability	8
1.6	Safety stickers and Warning signs	9
1.7	Overview of safety stickers	10
1.8	Authorised operators	14
1.9	General safety and accident prevention regulations	14
1.9.1	General	14
1.9.2	Trailed implements	15
1.9.3	Power take-off operation	15
1.9.4	Hydraulic system	16
1.9.5	Tyres and brakes	17
1.10	Safety when out of service and in storage	17
1.11	Maintenance	18
1.12	Safety instructions for the MP 135/RF 135 Balepack	18
1.13	Regulations for use on the road	19
2	Technical data	20
2.1	General	20
2.2	Noise measurement	22
3	General description	23
3.1	Mode of operation of the MP / RF 135 Balepack	23
3.2	Important assemblies of the MP / RF 135 Balepack	24
4	Installation and adjustment work	26
4.1	Required tractor equipment	26
4.2	Hydraulic connection	26
4.3	Tractor with load-sensing system	27
4.4	Integrated oil filter	28
4.5	Adjusting oil volume	28
4.6	Functions of the hydraulic valves	30
4.7	Electrical connections	31
4.8	Attaching the AUTOFORM	31
4.9	Adjusting the drawbar	32
4.10	Cardan shaft, clutch	32
4.11	Adjusting the baling pressure	33

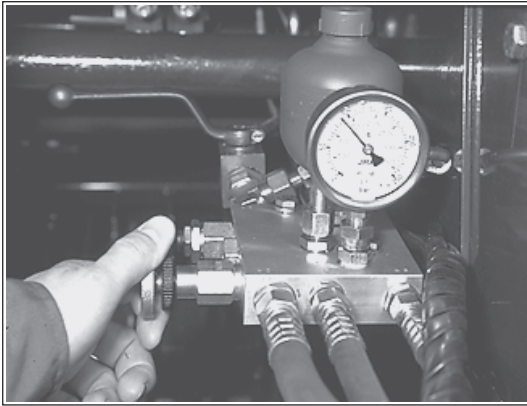
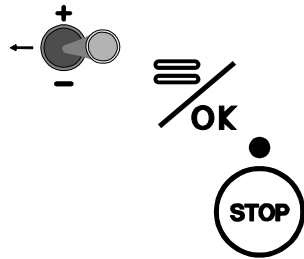
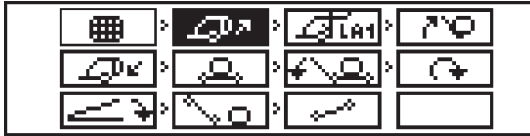
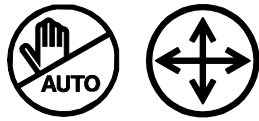
4.12	Pick-up adjustment	35
4.12.1	Pick-up height adjustment	35
4.12.2	Pick-up load relief adjustment	35
4.12.3	Pick-up baffle plate adjustment	36
4.12.4	Pick-up overload protection	36
4.13	Roller drive shearing screws	36
4.14	Adjustment in straw	37
4.14.1	Drop-shaped scraper	37
4.14.2	Displacing the lower roller	37
5	Operation	38
5.1	Controller	38
5.1.1	Connecting the AUTOFORM	38
5.1.2	AUTOFORM general information	38
5.1.3	Key/switch combinations	43
5.2	Basic controller settings	44
5.2.1	User Functions	44
5.2.2	Settings in Stop Mode	47
5.3	Net binding	52
5.4	Cutting system	55
5.4.1	OptiCut 14	55
5.4.2	OptiCut 23	58
5.5	Film wrapper	61
5.5.1	General	61
5.2.3	Adjusting the 3D wrapper (option)	64
5.3	Compressed air braking system	66
5.3.1	Compressed air system components	66
5.3.2	Connection to compressed air braking system	66
5.4	Hydraulic brake system	67
6	Operating modes.....	68
6.1	Manual operating mode ()	68
6.2	Automatic operating mode (AUTO)	68
6.3	Process sequence	69
6.4	Process-independent control in PIA mode (Process Independent Activation)	71
6.5	Measures during faults in the process sequence	74
7	Fault-finding	75
7.1	Fault and warning indications	75
7.1.1	Overview of compressor fault indications	76
7.1.3	Overview of wrapper fault indications	81
7.1.2	Wrapper warning indication	81
7.1.4	Overview of general fault indications	85
7.2	Fault-finding in the hydraulics	87

7.3	Fault-finding in the electrical system	88
7.3.1	Causes of electrical/electronic faults	88
7.3.2	Positions of sensors	89
7.4	Fault-finding in the mechanics	92
7.5	Blockages of OpticCut rotor/cutting system	92
8	Operating instructions	94
8.2	Attaching to the tractor and using on the road	94
8.2	Operation in fields	94
8.3	Shutting down the Balepack	96
9	Care and maintenance	97
9.1	Retightening screws	97
9.2	Checking running wheels	97
9.3	Central chain lubrication	98
9.4	Chain adjuster	98
9.5	Lubrication plan	99
9.6	Maintenance of the hydraulic system	100
9.6.1	Wrapper oil filter (1)	100
9.6.2	Changing tractor hydraulic oil	100
9.6.3	Prestretcher extension arm hydraulic brake	101
9.7	Wintering	101
10	Supplementary equipment	102
10.1	Uncoupling the film wrapper (special equipment)	102
10.2	Attaching film wrapper	103
10.3	Blanking plates	104
10.4	Extension cable for control and operating unit	104
10.5	Flow divider for setting oil flow	104
10.6	Drop-shaped scraper	104
A	Appendix	105
A.1	Tightening torque for screwed connections	105
A.2	Connections to distribution box	106
A.3	Connections to compressor machine box	107
A.4	Connections to wrapper machine box	109
A.5	Compressed air brake	111
A.6	Maintaining the wheel brakes	113

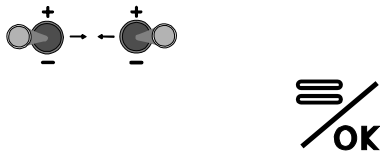
3.2 Important assemblies of the MP / RF 135 Balepack

- 1 Power supply plug for the electronic controller
- 2 7-pin plug for on-road lighting
- 3 AUTOFORM with plug
- 4 Hydraulic lines / one single-acting control unit / one dual-acting control unit, tractor-side
- 5 Drawbar with coupling ring, finely adjustable
- 6 Support foot with adjustment crank
- 7 Pressure gauge for baling pressure
- 8 Pick-up feeler wheel, with pneumatic tyres, 2x6-way height adjustable
- 9 Pick-up with baffle plate
- 10 OptiCut cutting system
- 11 Double axle with running wheels, brake according to equipment
- 12 Loading arm 1 (LA 1, beneath compression chamber)
- 13 Loading arm 2 (LA 2, for transfer from Loading arm 1 to wrapping table)
- 14 Wrapper hydraulic control block
- 15 Film cutter
- 16 Wrapper electronic controller (wrapper machine box)
- 17 Wrapping table
- 18 Film unwrapping (film prestretcher)





Baling pressure adjustment



For basic adjustment, proceed as follows:

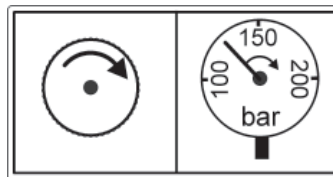
- Adjust the hydraulic circulation and slightly open the tailgate in PIA mode (Chap. 6.4):

Press Operating Mode/Function key (PIA mode)

With the joystick, navigate to the "Open tailgate" icon.

Confirm with the OK key and on pressure drop at the pressure gauge

- Press the STOP key to interrupt the process.
- In this condition, the adjustment screw is pressureless and can easily be screwed out to its end position (minimum pressure).



- Close tailgate in PIA mode
In PIA mode (see above), switch to "Lower tailgate" with the joystick and close the tailgate with the OK key.
- To generate an increase in pressure, the process must be repeated once more.
- The preset pressure can be read off at the pressure gauge on the compressor.
- By turning the adjustment wheel, the baling pressure can now be set and read off directly at the pressure gauge.
- When reducing the pressure, an immediate display of the pressure is not possible!