BOMAG
FAYAT GROUP

Service - Training

BF 300_C

S/N 821 837 57 1001 ....
S/N 821 837 69 1001 ....
S/N 821 837 82 1001 ....
S/N 821 891 03 1001 ....
S/N 821 891 04 1001 ....



Road Finisher

Catalogue number
008 922 07

02/2013

PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com

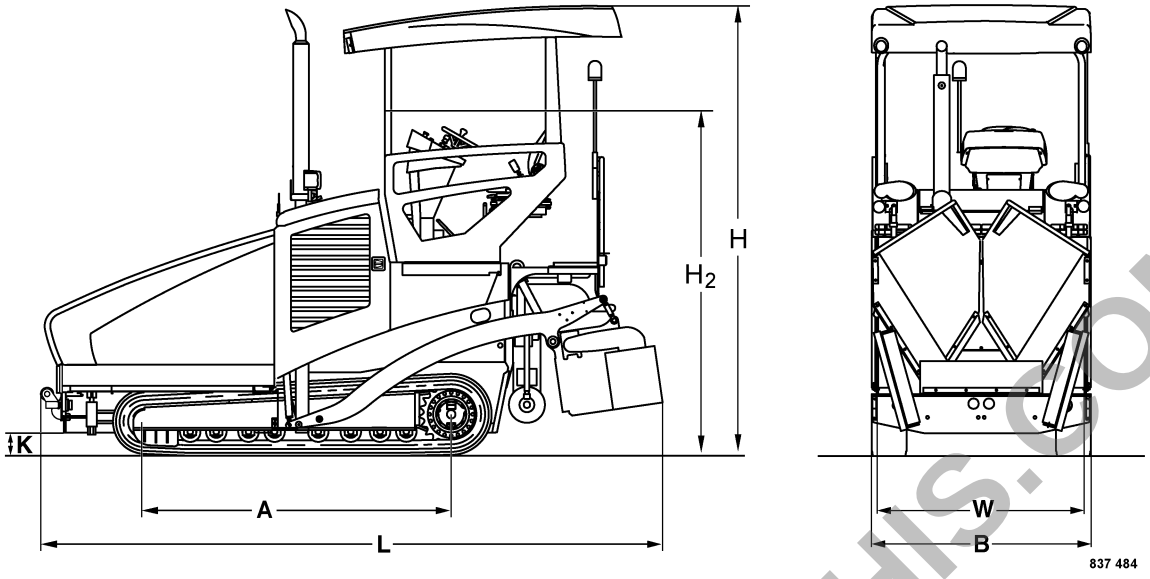


Fig. 12

Dimensions in mm	A	B	H	H_2	K	L	W
BF 300 C, S340	2200	1740	3350	2700	170	4950	1700

*

		BF 300 C, S340
Weights		
Operating weight (CECE)	kg	8000
Travel characteristics		
Travel speed	km/h	0 - 4.9
Working speed	m/min	0 - 26
Max perm. inclination (ramp) front/rear	°	19/13
Max. theoretical inclination (working/transport speed)	%	72/31
Drive		
Engine manufacturer		Kubota
Type		V 3307 T
Cooling		Water
Number of cylinders		4
Rated power ISO 3046	kW (HP)	55,4 (75)
Rated speed	rpm	2200
Hopper		
Capacity	m^3	4.8
Width (wings open/closed)	mm	3075/1740
Length	mm	1660
Filling height (middle)	mm	540
Scraper belt / auger		
Quantity		2
Width	mm	220
Rated speed	m/min	30
Conveyor auger		

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

3.1 General notes on maintenance

When performing maintenance work always comply with the appropriate safety regulations.

Thorough maintenance of the machine guarantees far longer safe functioning of the machine and prolongs the lifetime of important components. The effort needed for this work is only little compared with the problems that may arise when not observing this rule.

The terms right/left correspond with travel direction forward.

- Always clean machine and engine thoroughly before starting maintenance work.
- Do not touch hot engine parts.
- For maintenance work stand the machine on level ground.
- Always remove the main battery switch for all maintenance work.
- Perform maintenance work only with the engine shut down.
- Relieve hydraulic pressures before working on hydraulic lines.
- Before working on electric parts of the machine disconnect the battery and cover it with insulation material.

Environment

During maintenance work catch all oils and fuels and do not let them seep into the ground or into the sewage system. Dispose of oils and fuels environmentally.

Keep used filters in a separate waste container and dispose of environmentally.

Catch biodegradable oils separately.

Notes on the fuel system

The lifetime of the diesel engine depends to a great extent on the cleanliness of the fuel.

- Keep fuel free of contaminants and water, since this will damage the injection elements of the engine.
- Drums with inside zinc lining are not suitable to store fuel.
- When choosing the storage place for fuel make sure that spilled fuel will not harm the environment.
- Do not let the hose stir up the slurry at the bottom of the drum.
- The fuel drum must rest for a longer period of time before drawing off fuel.
- The rest in the drum is not suitable for the engine and should only be used for cleaning purposes.

Notes on the performance of the engine

On diesel engines both combustion air and fuel injection quantities are thoroughly adapted to each other and determine power, temperature level and exhaust gas quality of the engine.

If your engine has to work permanently in "thin air" (at higher altitudes) and under full load, you should consult the customer service of BOMAG or the customer service of the engine manufacturer.

Notes on the cooling system

Prepare and check coolant with highest care, since otherwise the engine may be damaged by corrosion, cavitation and freezing.

The coolant is prepared by mixing a cooling system protection agent (ethylene glycol) into the coolant.

Mixing with cooling system protection agent is necessary in all climatic zones. It prevents corrosion, lowers the freezing point and raises the boiling point of the coolant.

Notes on the hydraulic system

During maintenance work on the hydraulic system cleanliness is of major importance. Make sure that no dirt or other contaminating substances can enter into the system. Small particles can produce flutes in valves, cause pumps to seize, clog nozzles and pilot bores, thereby making expensive repairs inevitable.

- If, during the daily inspection of the oil level the hydraulic oil level is found to have dropped, check all lines, hoses and components for leaks.
- Seal external leaks immediately. If necessary inform the responsible customer service.
- Do not store drums with hydraulic oil outdoors, or at least under a cover. Water can be drawn in through the bunghole when the weather changes.
- We recommend to use our filling and filtering unit with fine filter to fill the system. This ensures finest filtration of the hydraulic oil, prolongs the lifetime of the hydraulic oil filter and protects the hydraulic system.
- Clean fittings, filler covers and the area around such parts before disassembly to avoid entering of dirt.
- Do not leave the tank opening unnecessarily open, but cover it so that nothing can fall in.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

4.1 Understanding E-Plan circuit diagrams

Electric circuit diagrams

Electric circuit diagrams are graphic presentations of control logical conditions in the electric system. They do not contain any information on the type of wiring, their purpose is solely the clarification of control logics.

The wiring diagram is indispensable for effective and systematic trouble shooting in the vehicle wiring system. This plan provides the following information:

- Number and type of individual elements in the examined electric circuit, such as plug connectors, fuses, switches, consumers, relays, etc.
- The sequence in which current flows through the individual elements in the electric circuit.
- Connections between the examined electric circuit and other circuits in the vehicle wiring system.
- Pin assignment of plug-and-socket connections.

Structure of a wiring diagram

- Cover sheet, see section "Cover sheet"
- Table of contents, see section "Table of contents"
- Structuring symbol overview, see section "Structuring symbol overview"

i Note

The structuring symbol overview is NOT present in circuit diagrams, which are sorted by systems and local identification!

- Sheets with illustration of function, see section"Sheets with illustration of function"
- List of fuels and lubricants, see "List of fuels and lubricants"
- Terminal strip overview, see section "Terminal strip overview"
- Plug overview, see section "Plug overview"
- Pin overview, see section "Pin overview"

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

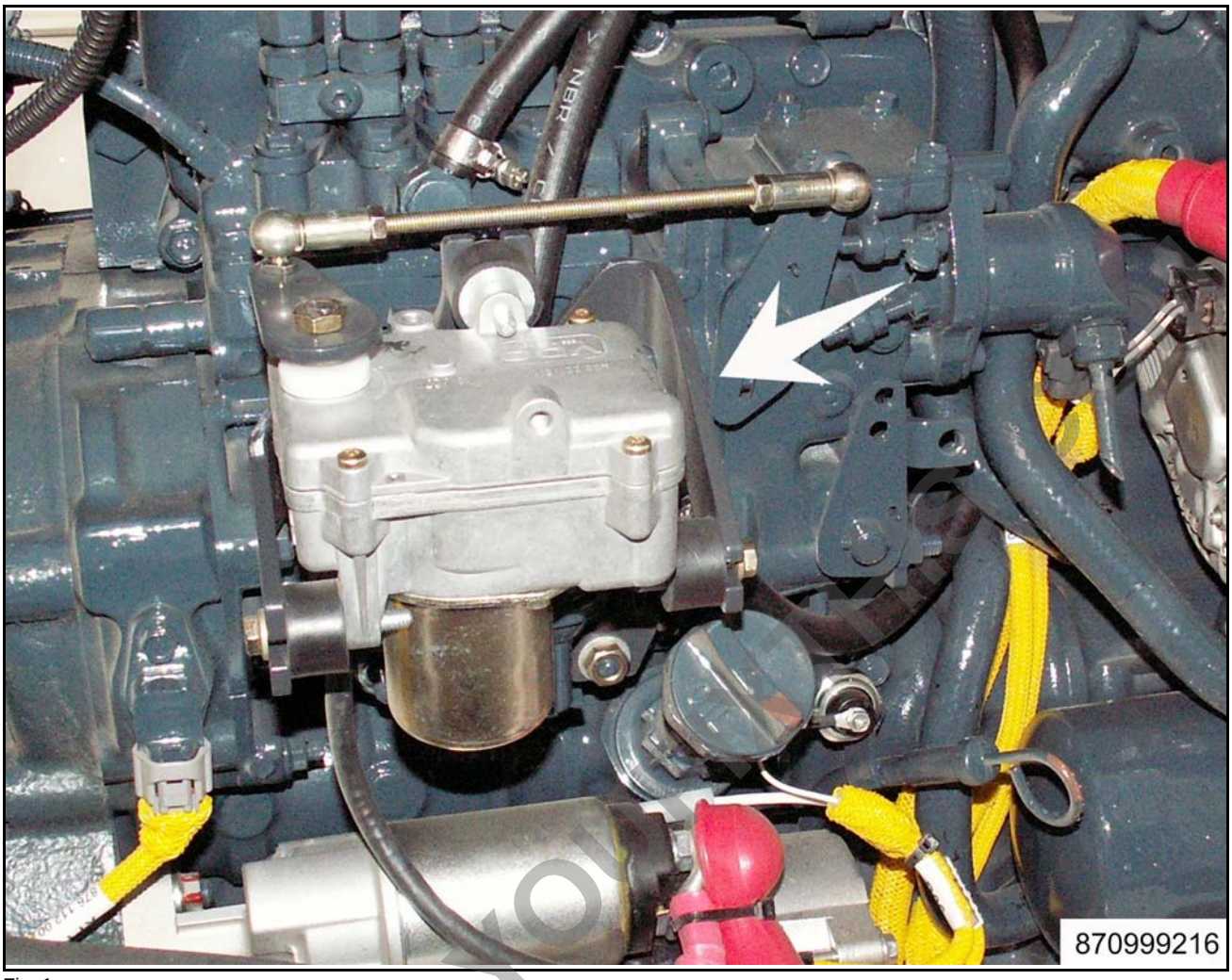


Fig. 1

The standard BOMAG ECOMODE ensures a clean environmental balance. Due to the active engine management power is made available for the driver when it is needed and is reduced again when permitted by the application. Intelligent sensors in connection with an ingenious control immediately detect the actual power requirement and the engine speed of the well proven KUBOTA engine is automatically adapted. A nice side effect – the noise sensation inside the cabin is also very pleasant.

PREVIEW - YOU

Download full manual at youfixthis.com

Display functions and operation

The main LC-display (Fig. 23):

- Display of operating hours as well as error and input codes (1)
- Button right (2)
- Button left (3)
- Tool symbol (4) (only visible in Service mode)

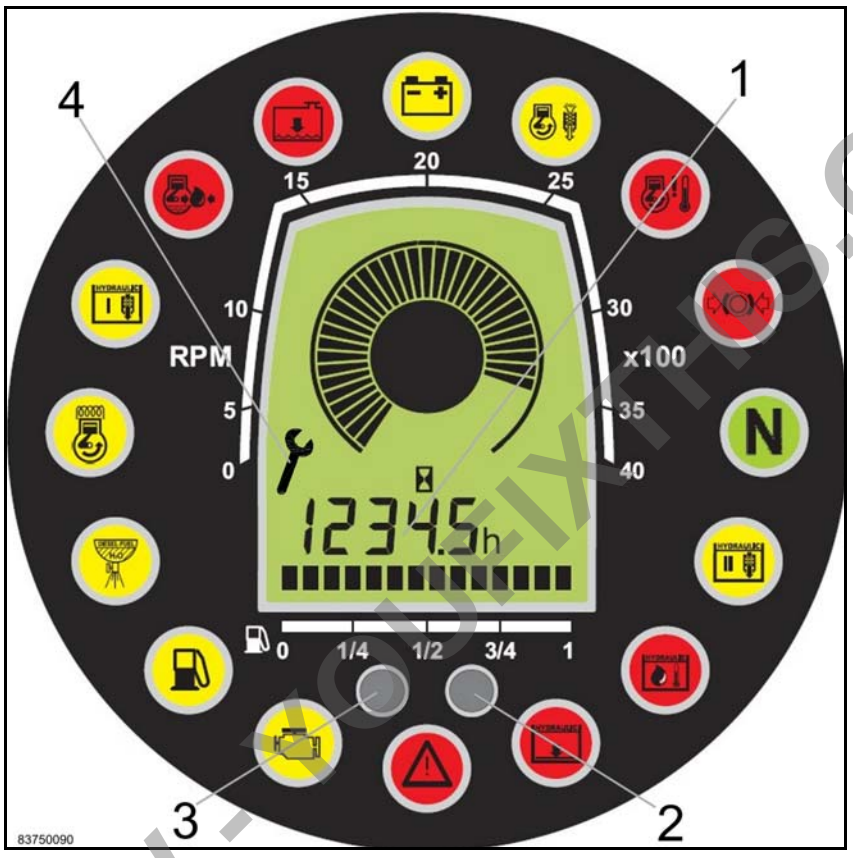


Fig. 23 LC-Display

Input of codes (input codes)

i Note

The brake needs to be activated to be able to access input mode!

Calling up input mode

Action	Result
-- Press button left and button right **at the same time** for at least **two** seconds.	-- The display shows **"0000"** -- The left **"0"** is flashing.

i Note

One can change the numerical value of the display by using the buttons one after the other:

The left hand button to change the numbers in ascending mode (0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 0, ...).

*The right hand button to move on to the next digit (**0**000, 0**0**00, 00**0**0, 000**0**, **0**000, ...)*

Calling up service mode

Action	Result
-- Enter code **0001**.	-- The system changes to service mode. -- The display shows the tool symbol.

PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com

Foreword

Each machine is adjusted individually ex factory. Should the replacement of machine parts become necessary during the operating period of the machine, there is always a possibility to repeat these adjustments.

BOMAG thereby does without any expensive special tools, but gives the service personnel the possibility tom make adjustments and settings easily and simply by just using the display on the machine. The chapter "Electrics finisher input codes" contains a detailed description of the steps required to correctly adjust the replaced component to to re-establish the operability of the machine.

Replacing the contgrol (ESX)

Since the central control (ESX) saves all data and values, all teach procedures listed in the chapter "Electrics finisher input codes" must be carried out.

i Note

Compliance with the specified sequence of procedures is mandatory!

Carry out the following teach procedure(s):

- Input codes -- reset to factory settings (Code: **7861** for BF300**P**. Code: **7865** for BF300**C**)
- Input codes - automatic calibration of currents for travel system (**only** BF300**C**)
- If necessary: Input codes - manual calibration of currents for travel system (**only** BF300**C**)
- Input codes -- teaching E-throttle function
- If necessary: Input codes - adapt engine speed.

Replacement of travel pump(s)

Carry out the following teach procedure(s):

- Input codes - automatic calibration of currents for travel system (**only** BF300**C**)
- If necessary: Input codes - manual calibration of currents for travel system (**only** BF300**C**)

Replacement of E-throttle actuator

Carry out the following teach procedure(s):

- Input codes -- teaching E-throttle function

The following components can be replaced without a subsequent teach procedure:

- The display
- The diesel engine (**Attention:** When converting the E-throttle actuator to match the new engine, teaching of the E-throttle actuator is required).
- All switches in the instrument panel and the lateral contro, panels.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

8.1 Features

General

All BOMAG finishers BF300 are powered by powerful 4-cylinder KUBOTA engines with direct fuel injection, turbocharger and 4-valve technology. Engines which impress by their homogeneous development of power with low fuel consumption and low CO2 emission, as well as excellent smoothness of running and reduced noise. The stringent flue gas standards EPA TIER III or TIER IV interim as well as EU stage IIA are obviously fulfilled.



Fig. 28

The standard BOMAG ECOMODE ensures a clean environmental balance. Due to the active engine management power is made available for the driver when it is needed and is reduced again when permitted by the application. Intelligent sensors in connection with an ingenious control immediately detect the actual power requirement and the engine speed of the well proven KUBOTA engine is automatically adapted. A nice side effect – the noise sensation inside the cabin is also very pleasant.

Engine block

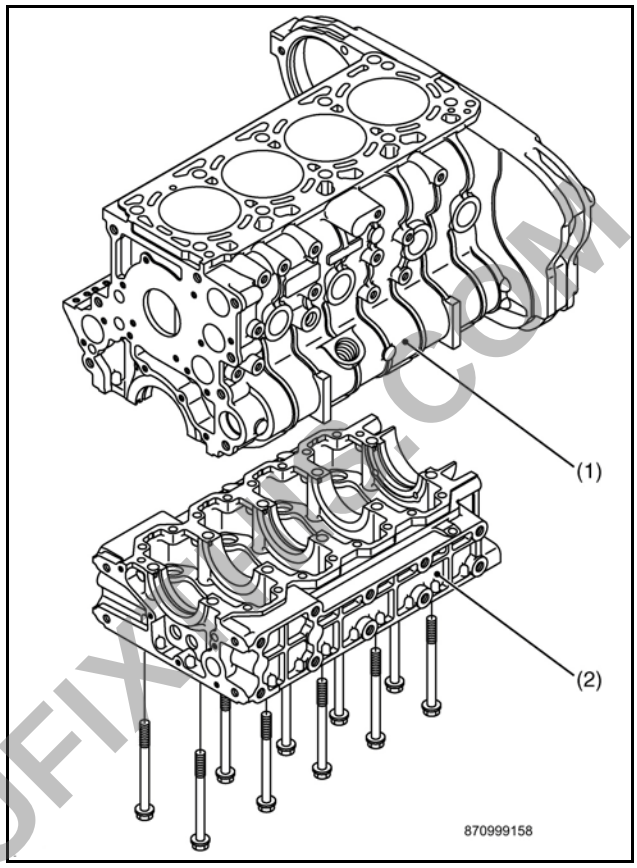


Fig. 29 Engine block

1 Crankcase 1

2 Crankcase 2

The engine has two separate crankcases - crankcase 1 (Fig. 29) with combustion section and crankcase (2) to support crankcase (1) and for the purpose of noise reduction.

The cylinders are designed without liners, which ensures excellent cooling, lower tensions and good abrasion resistance.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Material flow -- overview

The material is mainly conveyed by the following components (Fig. 42):

- The material hopper (1)
- The scraper belts (2)
- The augers (3)

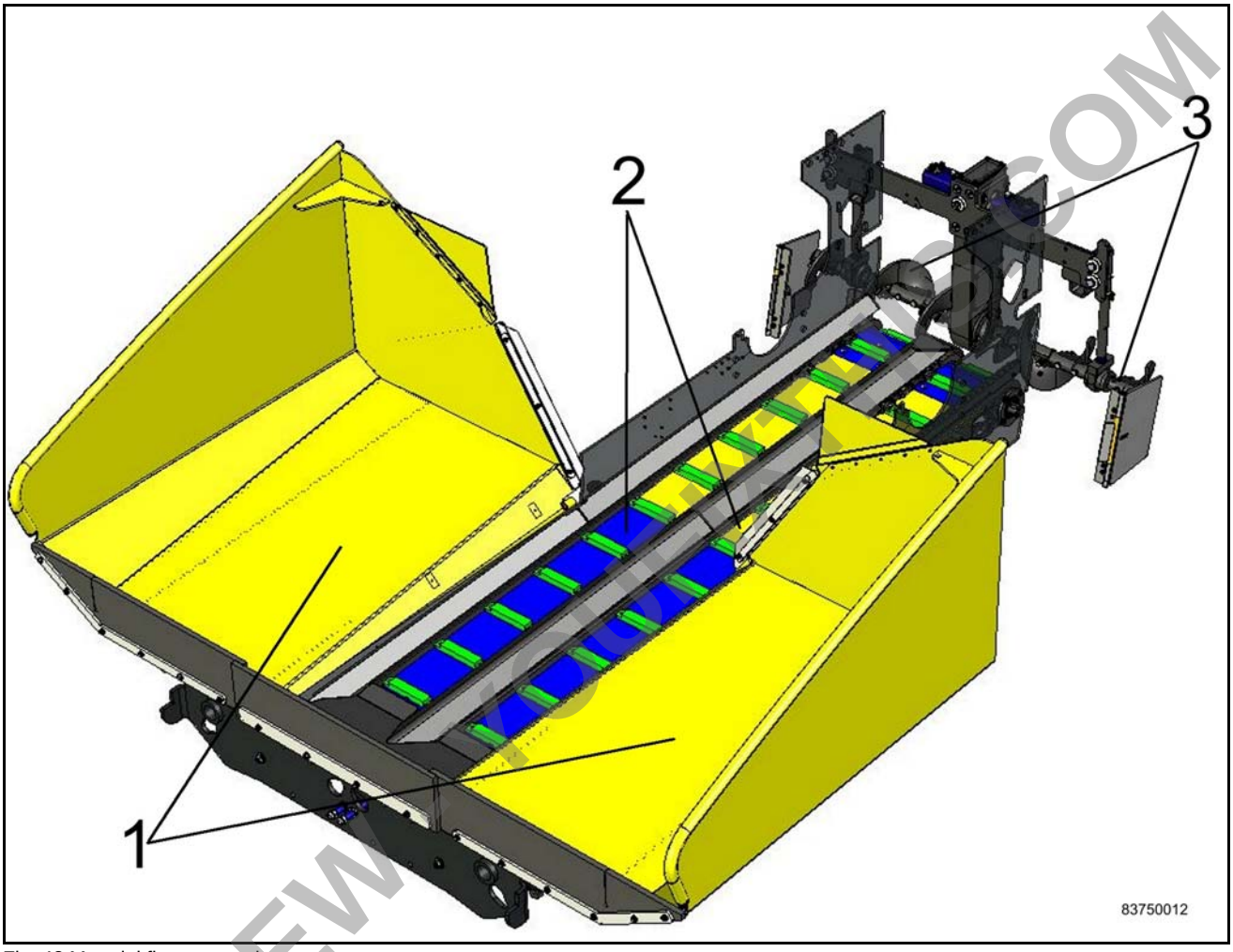


Fig. 42 Material flow -- overview

PREVIEW YOUFIXTHIS.COM

Download full manual at youfixthis.com

Screed -- overview

The screed (Fig. 46) of the finisher mainly consists of:

- The drawing arms (1)
- The screed (2)

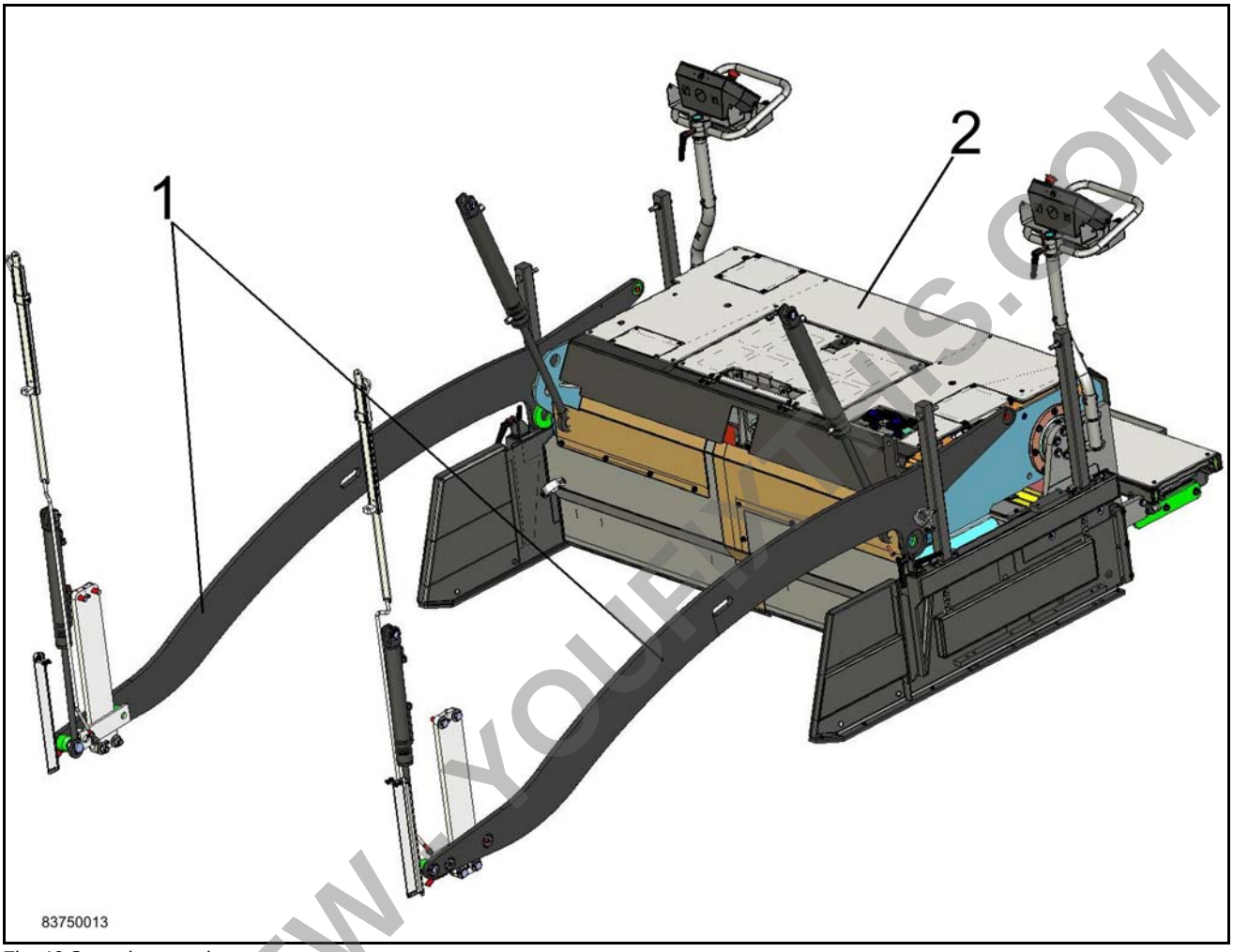


Fig. 46 Screed -- overview

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Track drive -- overview

The crawler track drive (Fig. 49) of the finisher mainly consists of:

- the frame
- the crawler track drive
- the track tensioner
- the drive motor
- the reduction gear



Fig. 49 Track drive

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Provision container

The provision container takes up the cleaning agent. It has a capacity of 25 litres. For filling the cleaning container the driver's stand must be moved fully to the right, so that the filler neck can be accessed.

Filter

The filter protects the spray gun against contamination. It is a wire mesh pre-filter.

Pump

The pump delivers the cleaning agent from the provision container through the filter to the spray gun. The pump is an electrically driven two-piston pump, which is able to generate a maximum pressure of approx. 6.9 bar.

i Note

Further information about the pump, see chapter "Technical data".

Hose reel

The hose reel holds the hose that leads to the spray gun. After cleaning the reel wind the hose up again. Just pull the hose to unwind.

Spray gun

The spray gun serves the purpose of cleaning the machine after finishing work, but also as an aid to apply cleaning/release agent **before** work is started. It is stored inside a tube welded into the holder and dispensed from this tube when it is needed.

Control panel

The cleaning system is switched on and off by the control panel. At the same time one can use the timer to preselect a time for the active period of the cleaning system. Once this time has expired, the cleaning system will switch off. The max. adjustable time is 30 minutes.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Closed circuit

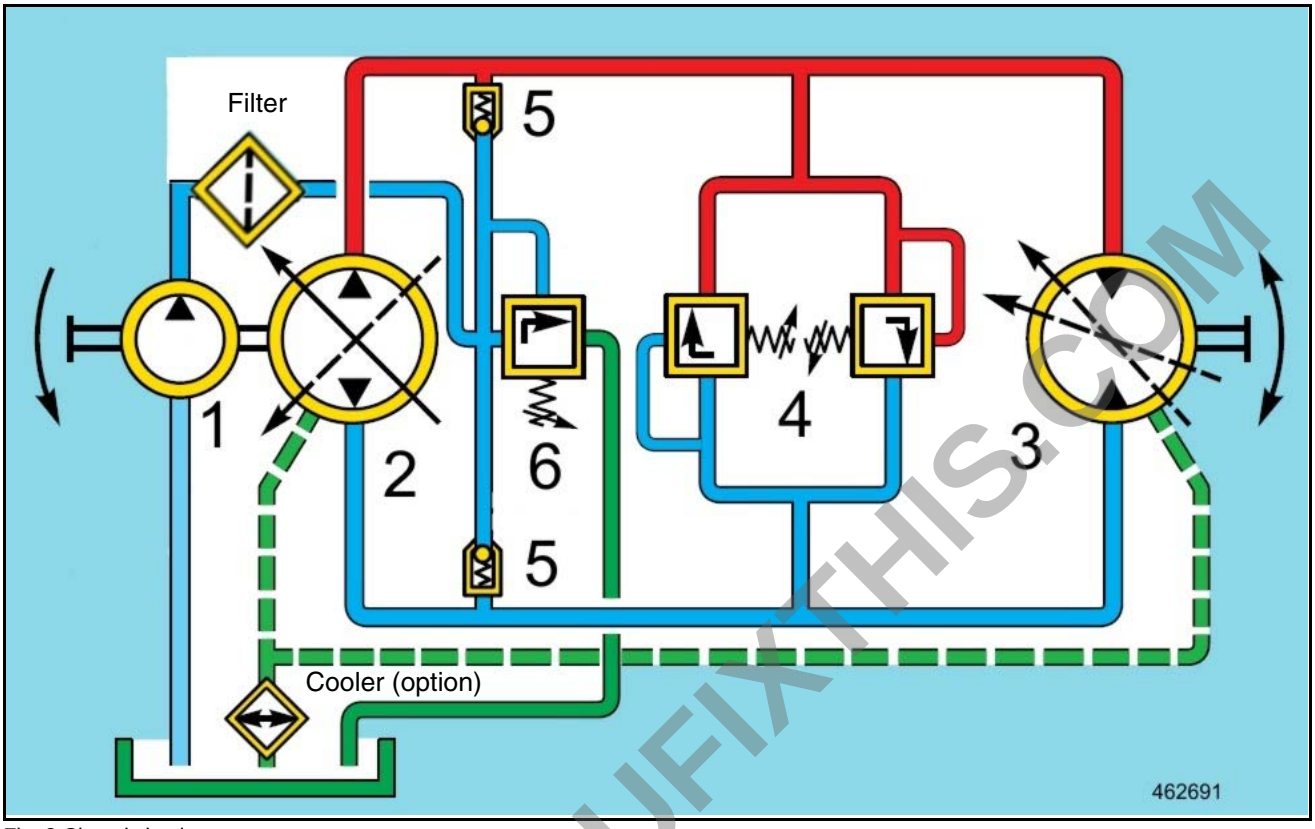


Fig. 2 Closed circuit

One talks about a closed hydraulic system, when the hydraulic oil flows from the **consumer** (3) (Fig. 2) directly back to the **pump** (2).

The closed circuit consists of a high and a low pressure side, depending on the load direction (take-off moment on the consumer).

The high pressure side is protected by **pressure relief valves** (4), which release oil into the low pressure side. The medium remains in the circuit.

Only the permanent leakage on pump and motor needs to be replenished. This is accomplished by a **charge pump** (1), which permanently delivers a sufficient amount of fluid (charge capacity) through a **check valve** (5) into the low pressure side of the closed circuit. Any excess oil delivered by the charge pump, which works in an open circuit, runs through a **charge pressure relief valve** (6) back into the tank. Charging the low pressure side enables the **pump** (2) to work with higher operating data.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

14.1 Special tools, tests and adjustments

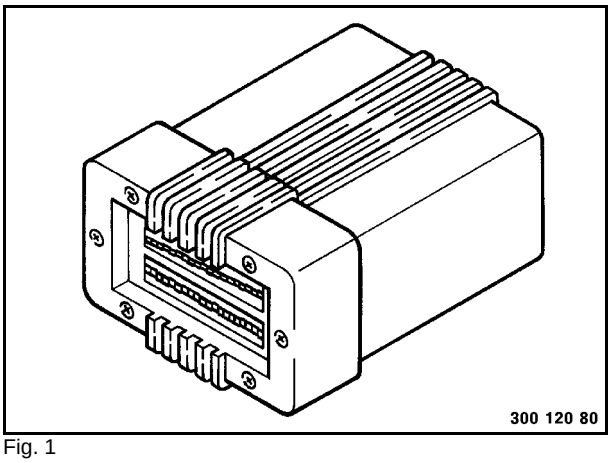


Fig. 1

1. Vibration reed frequency meter

   1000 - 4.000 rpm

   17 - 67 Hz

   BOMAG part-no.: 300 120 80


Fig. 2

2. Frequency counter

   The frequency counter is used for testing the pre-tension of drive belts by frequency measurement.

   10 - 600 Hz

   BOMAG part-no.: 079 901 74


Fig. 3

3. Sirometer (frequency meter)

   800 - 50.000 rpm

   14 - 750 Hz

   BOMAG part-no.: 059 710 02



Fig. 4

4. Anti-freeze tester, quick and accurate measuring, sturdy plastic housing, automatic temperature correction, no after-dripping, instructions for use on unit, reading down to -40 °C. Plastic, temperature range: down to -40 °C

   BOMAG part-no.: 050 100 75

PREVIEW. YOUFIXTHIS.COM

Download full manual at youfixthis.com

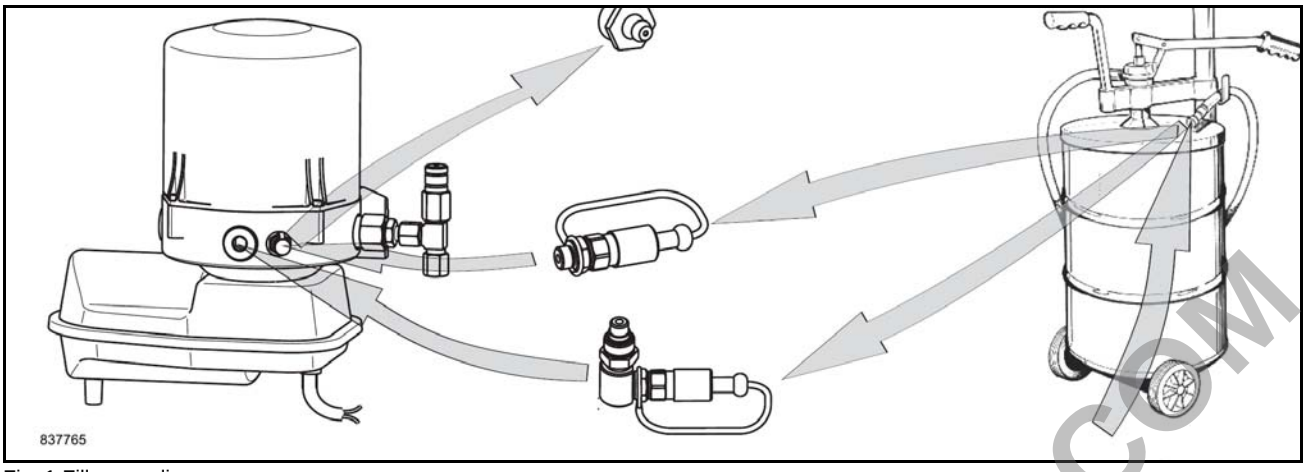


Fig. 1 Filler coupling

(Fig. 1) Through filler coupling.

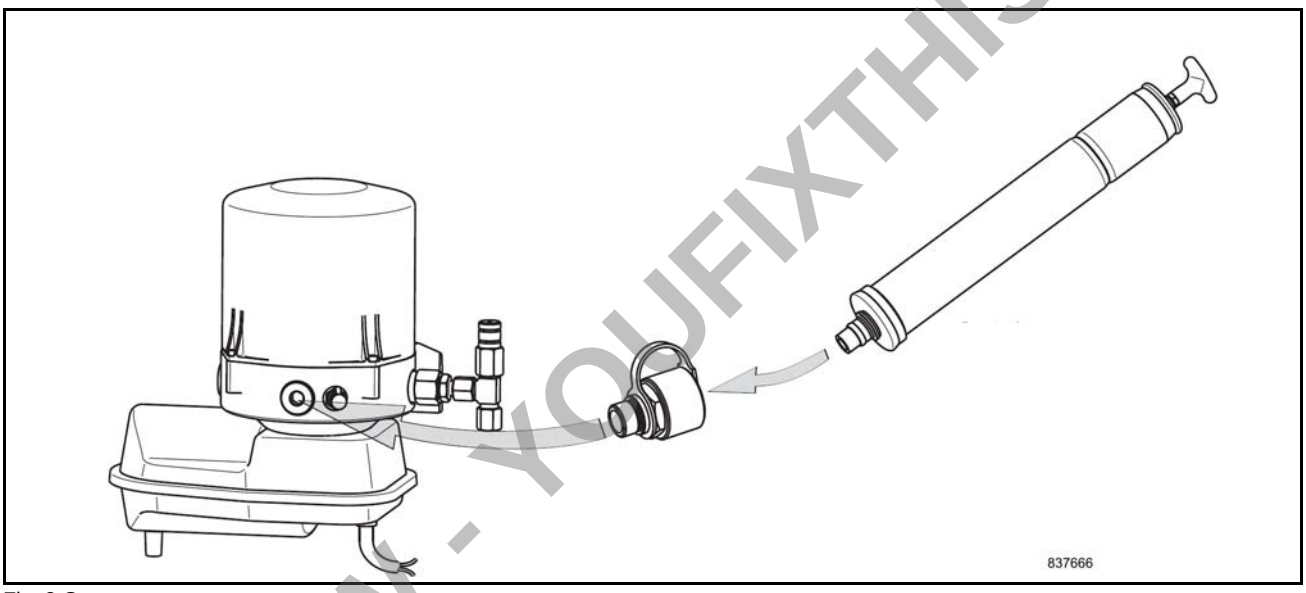


Fig. 2 Grease gun

(Fig. 2) With grease gun

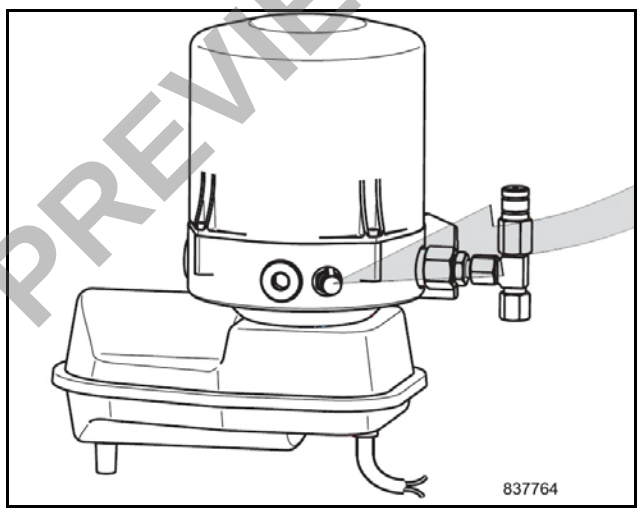


Fig. 3 Grease nipple

(Fig. 3) Through grease nipple with hand-operated or pneumatic grease gun

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Notes:

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

0	1	2	3	4	5	6	7	8	9
		ed. by	name	H. Christ	BF300 C	BOMAG FAYAT GROUP	history	drawing number 83783111	scale
			date	05.03.2009					
		appr.	name					300C_hy_schematic_2009_03_17.VSD	page 2
amendment	date name		date						page 10

5.27 Block diagram screed 99
5.28 Block diagram screed levelling 100
5.29 Block diagram screed heating 101
5.30 Functional block diagram monitoring functions 102
5.31 Block diagram Emergency Stop functions 103
5.32 Checking the voltage supply for the control unit 104
5.33 Diagnostics concept 112
Input codes 115
6.1 Input codes -- display: Functions and operation 116
6.2 Automatic calibration of travel system currents 117
6.3 Automatic calibration of travel system currents 120
6.4 Teaching the E-throttle function: 123
6.5 Teaching the L.C.S. function 124
6.6 Travel signal by button for max. screed relief 126
6.7 Resetting to factory settings 128
6.8 Showing stored faults 129
6.9 Showing saved faults with operating hours 130
6.10 Deleting the fault log 131
6.11 Driving against the closed brake 132
6.12 Adapting the engine speed 133
6.13 Deactivating/activating automatic speed range change when cornering 134
6.14 Deactivating / activating the speed sensor(s) 136
Replacement of components 139
7.1 How to proceed when replacing components? 140
Engine 141
8.1 Features 142
8.2 Cooling system 144
8.3 Removing and installing the thermostat 146
8.4 Checking the thermostat in disassembled state 146
8.5 Check the coolant level 147
8.6 Check the anti-freeze concentration and the condition of the coolant 148
8.7 Change the coolant 148
8.8 Checking radiator hoses and hose clamps 149
8.9 Clean the cooling fins on engine and hydraulic oil cooler 150
8.10 Checking the engine oil level 150
8.11 Changing engine oil and oil filter cartridge 151
8.12 Fuel system 152
8.13 Replace the fuel filter 155
8.14 Checking, cleaning the water separator 156
8.15 Changing the fuel filter, bleeding the fuel system 157
8.16 Check fuel lines and clamps 158
8.17 Check the fuel injection nozzles 158
8.18 Check the fuel injection timing 159
8.19 Check the fuel injection pump 159
8.20 Servicing the generator V-belt 160
8.21 Air filter maintenance 160
8.22 Check the engine mounts 162
8.23 Engine conservation 163

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Automatic calibration of travel system currents:

Action	Result
-- Shift the travel lever to "Neutral"	-- The display shows "0 0 0 0".
-- Enter code **1092**.	The "Travel current teach function" for the **right** side is activated. -- The display shows "4 4 4 4 4".
-- Shift the travel lever **forward**.	-- Teaching starts with the first current value. -- The display shows the actual mA value. -- Once the machine moves, the corresponding mA value is saved. -- Once the value has been saved the display will show "1 1 1 1 1". -- After a short while the display will show 5 5 5 5 5".
-- Shift the travel lever **reverse**.	-- Teaching starts with the first current value. -- The display shows the actual mA value. -- Once the machine moves, the corresponding mA value is saved. -- Once the value has been saved the display will show "1 1 1 1 1".
-- Shift the travel lever to "Neutral"	-- The display shows "3 3 3 3 3" (--> calibration successful). -- This is followed by "2 2 2 2 2" (--> saving completed). -- The machine can now be controlled with the travel lever again. -- Changes only become effective after a restart of the machine. -- END.

i Note

*Should the code "2 2 2 2 2" not appear, the calibration was **not** accepted. In this case the whole procedure must be repeated.*

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

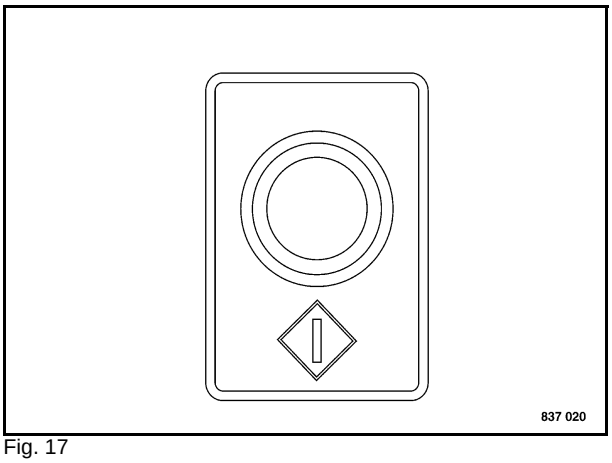


Fig. 17

7. Activate the hydraulic system (Fig. 17).

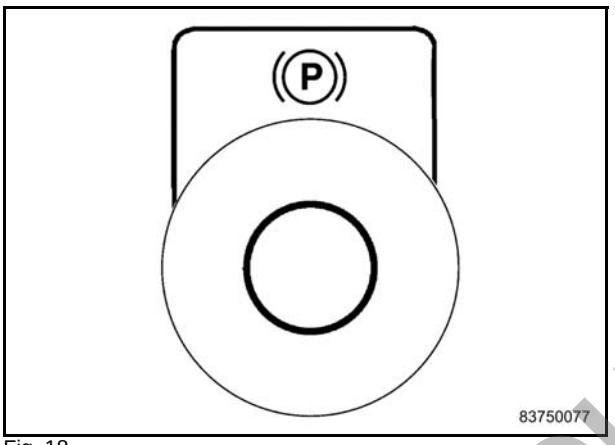


Fig. 18

8. Activate the parking brake (Fig. 18).

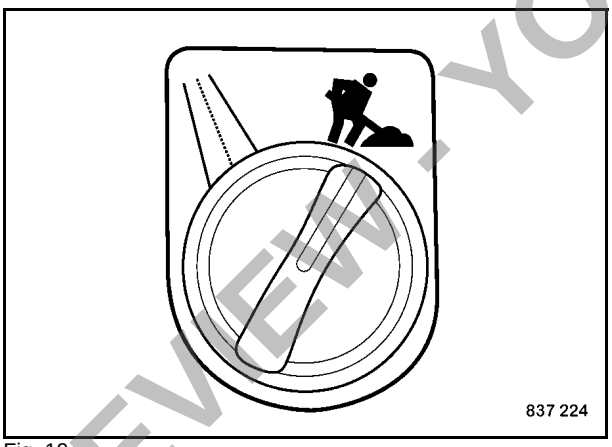


Fig. 19

9. Select "Work"-mode (Fig. 19).

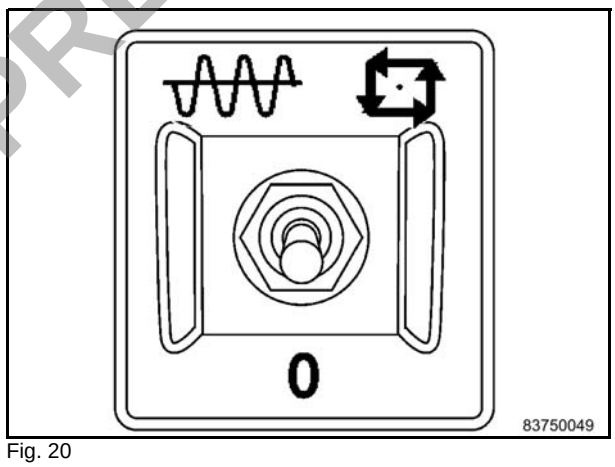
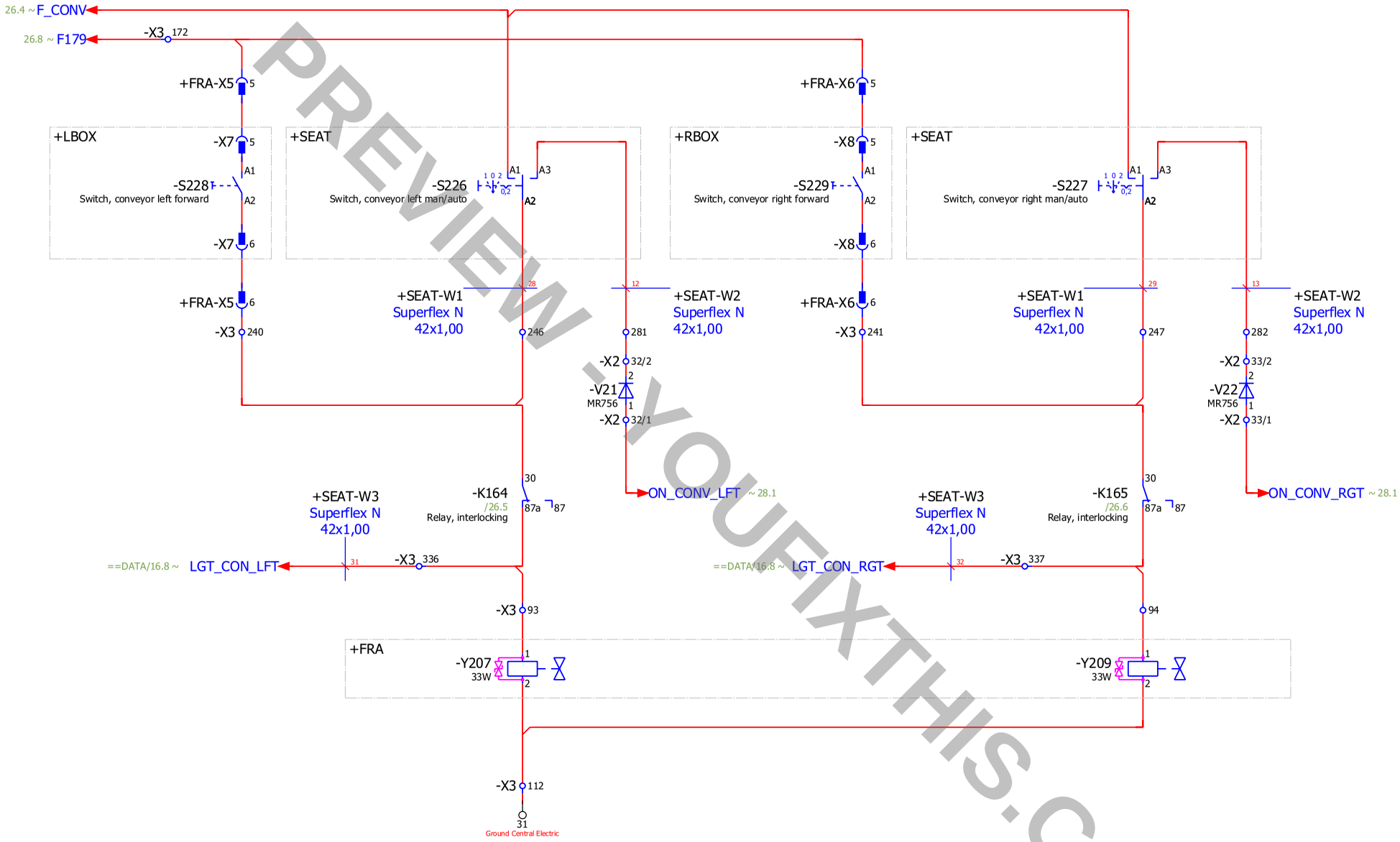


Fig. 20

10. Switch the vibration on (Fig. 20).

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com



PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com

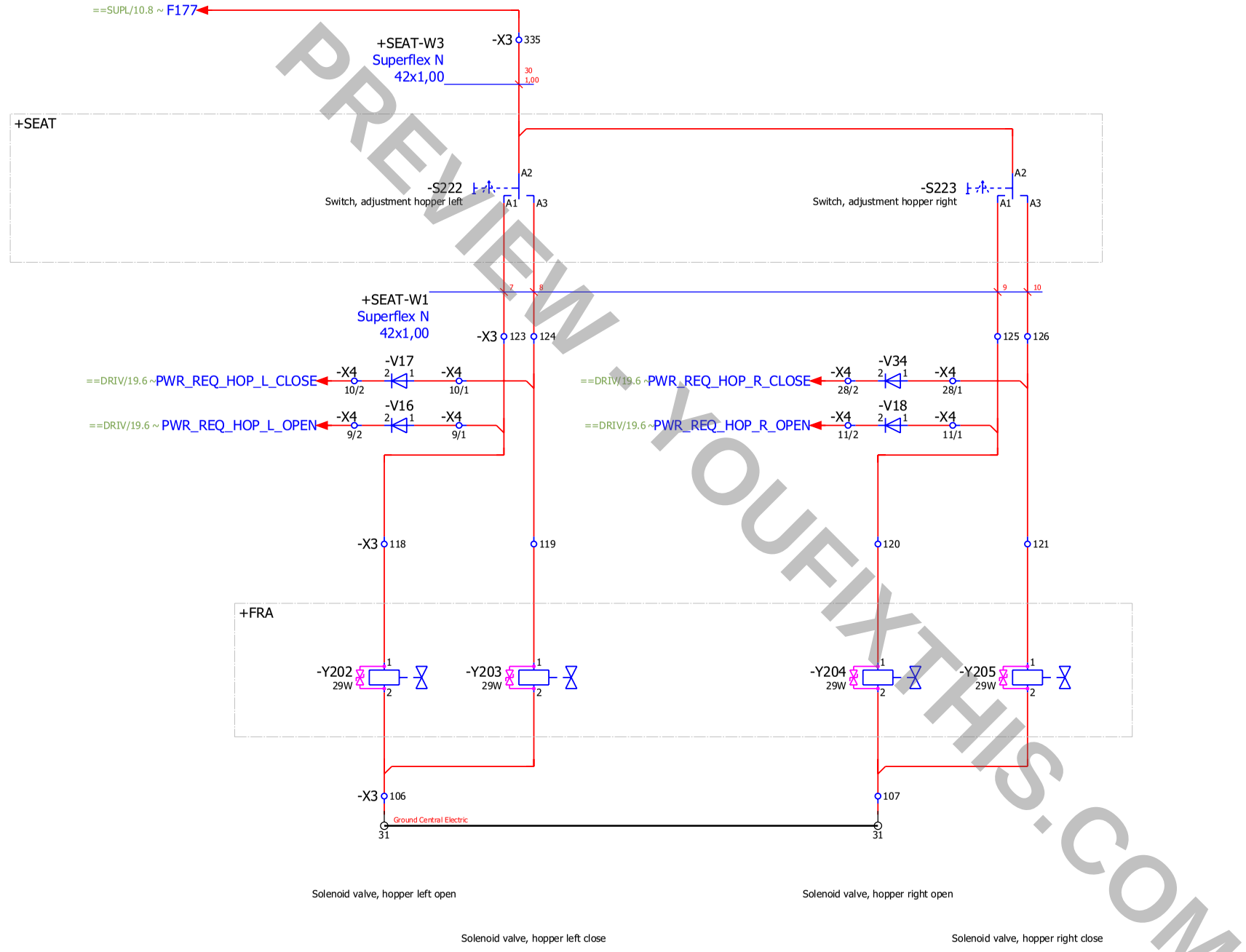
0	1	2	3	4	5	6	7	8	9
Created Realizzato M. Vogt 07/03/2009 Checked Controllato L.Zuccarino 21/04/2009	BF300C		BOMAG FAYAT GROUP	Conveyors				Higher-level function Impianto = BF Function Funzione == PAV Mounting location Montaggio località + EBOX	Page Pagina 27 from pag. 78 22

Pin overview
descrizione di contatto

A15			Monitoring-module 1 controllo del modulo 1		
Pin contatto	Page pagina	Path col	Description descrizione	Signal	segnale
X11 : 1	15	6	Analog In 1	Sensor "Fuel level"	
X11 : 3	15	5	Digital In 1	Switch "Air filter"	
X11 : 4	15	6	Digital In 2	Switch "Engine coolant level"	
X11 : 5	16	8	Dig In 3/Day-Night	Input "Day/Night"	
X11 : 6	13	0	RxD	RxD	RxD
X11 : 7	13	1	TxD	TxD	TxD
X11 : 8	15	7	Digital In 4	Switch "Hydr. oil temperature"	
X11 : 9	15	8	Digital In 5	Switch "Hydraulic oil level"	
X11 : 10	15	9	Digital In 6	Sensor "Hydraulic I"	
X11 : 11	19	1	Digital In 7	Switch Engine Speed 1.1 (low)	
X11 : 12	19	2	Digital In 8	Switch Engine Speed 1.2 (high)	
X11 : 21	14	1	CAN High	CAN High	
X11 : 22	14	2	CAN Low	CAN Low	
X11 : 23	19	2	Digital In 1	Backup alarm	
X11 : 25	12	3	GND	Ground Electronic	
X11 : 26	12	3	+UB	Power supply	

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com



PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com

0	1	2	3	4	5	6	7	8	9
Created Realizzato M.Peri 18/10/2010 Checked Controllato R.Zaniboni 20/10/2010	BF300C		BOMAG FAYAT GROUP	Hoppers				Higher-level function Impianto = BF Function Funzione == PAV Mounting location Montaggio località + EBOX	Page Pagina 25 from pag. 78 65

Plug overview
descrizione del connettore

Designation descrizione	Mounting location montaggio località	Function text testo funzione
XS	=BF+SEAT	Socket

Contact contatto	Page pagina	Path col	Type tipo
	10 1		STH6

Designation descrizione	Mounting location montaggio località	Function text testo funzione
X5	=BF+FRA	Plug, Screed (Screedpanel left)

Contact contatto	Page pagina	Path col	Type tipo
			Deutsch HDP 24-31 31pol
1	18	2	
2	18	3	
3	19	6	
4	19	6	
5	28	2	
6	28	2	
7	29	6	
8	29	6	
9	32	6	
10	32	6	
11	32	7	
12	30	1	
13	30	1	
14	30	2	
15	32	2	
16	32	2	
17	34	3	
18	34	3	
19	34	6	
20	34	6	
21	37	2	
22	37	2	
23	37	3	
24	37	3	
25	37	3	
26	37	3	

Designation descrizione	Mounting location montaggio località	Function text testo funzione
X6	=BF+FRA	Plug, Screed (Screedpanel right)

Contact contatto	Page pagina	Path col	Type tipo
			Deutsch HDP 24-31 31pol
1	18	7	
2	18	8	
3	19	3	
4	19	4	
5	28	6	
6	28	6	
7	29	8	
8	29	8	
9	32	8	
10	32	8	
11	32	9	
12	30	7	
13	30	7	
14	30	8	
15	32	2	
16	32	2	
17	35	3	
18	35	3	
19	35	6	
20	35	6	
21	37	6	
22	37	6	
23	37	7	
24	37	7	
25	37	7	
26	37	7	

Designation descrizione	Mounting location montaggio località	Function text testo funzione
X7	=BF+LBOX	Plug, Screedpanel left

Contact contatto	Page pagina	Path col	Type tipo
			Deutsch HDP 24-31 31pol
1	18	2	
2	18	3	
3	19	6	
4	19	6	
5	28	2	
6	28	2	
7	29	6	
8	29	6	
9	32	6	
10	32	6	
11	32	7	
12	30	1	
13	30	1	
14	30	2	
15	32	2	
16	32	2	
17	34	3	
18	34	3	
19	34	4	
20	34	4	
21	37	2	
22	37	2	
23	37	3	
24	37	3	
25	37	3	
26	37	3	

Download full manual at youfixthis.com

PREVIEW - YOUFIXTHIS.COM

PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com

19.9 ~ F182 — F182 ~ 22.1
==SUPL/10.8 ~ F171

+SEAT

+SEAT-W1
Superflex N
42x1,00
-X3 267
40

+SEAT-W2
Superflex N
42x1,00
300 308
31 39

+FRA

19.1 ~ S120:23

-S04 Switch, brake 11 12
-S217 Switch, transport mode 11 12
-S261 Switch, spin A2 A3
-S220 Switch, speed range selection hydraulic A2 A3
-S216:A2
-S219:A2
-S216:A3
-S219:A3

Reserve Ground 31 31
Reserve Ground 25
Reserve Ground 26

-X58 1 2 3 4
-B191 Sensor, speed left
BN + BU - WH Dir BK Speed



-X59 1 2 3 4
-B192 Sensor, speed right
BN + BU - WH Dir BK Speed

-B12 P Pressure switch, brake 1 2

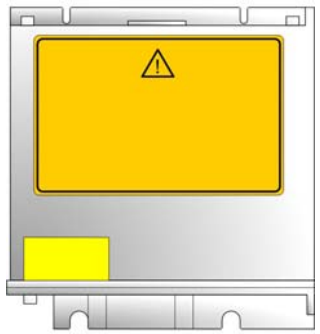
41 60

+SEAT-W2
Superflex N
42x1,00
-X3 310 298 299 309
41 29 30 40

+SEAT-W3
Superflex N
42x1,00
332 45 46 47 48 49 61

-X35 40 37 36 17 35 34 18
-X2 1

X35 40	X35 37	X35 36	X35 17	X35 35	X35 34	X35 18
DI(D)/13	DI(D)/7	DI(D)/5	DI(D)/12	DI(D)/15	DI(D)/16	DI(D)/14
-A34	-A34	-A34	-A34	-A34	-A34	-A34
Machine controller	Machine controller	Machine controller	Machine controller	Machine controller	Machine controller	Machine controller
-ESX2	-ESX2	-ESX2	-ESX2	-ESX2	-ESX2	-ESX2
Push-button "Brake"	Switch, transport-/workingmode	Switch, spin	Switch, hydraulic gear	Sensor "Speed 1 / left"	Sensor "Speed 2 / right"	Switch "Brake pressure"



Ground Central Electric
31 31

0	1	2	3	4	5	6	7	8	9
Created Realizzato L.Zuccarino 18/10/2010 Checked Controllato R.Zaniboni 20/10/2010	BF300C		BOMAG FAYAT GROUP	Traction				Higher-level function Impianto = BF Function Funzione == DRIV Mounting location Montaggio località + EBOX	Page Pagina 21 from pag. 78 71

Cable diagram
lista cavi

Cable name nome cavo	Cable type tipo cavo	No. of conductors n° cond	Cross-section sezione	Remark nota
=BF+SEAT-W3	Superflex N	42	1,00	

Function text testo funzione	Page pagina	Path col	Target designation from destinazione da	Conductor cond	Target designation to destinazione a	Page pagina	Path col	Function text testo funzione
	22	4	X3 332	25		22	4	Reserve Ground
	22	4	X3 332	26		22	4	Reserve Ground
	13	3	X3 333	27	X11 25	13	3	
	13	3	X3 333	28	X12 25	13	6	
	34	3	X3 334	29	S237 A2	34	3	Switch, enable screed extension left
	26	3	X3 335	30	S222 A2	26	3	Switch, adjustment hopper left
	28	3	X3 336	31	X12 3	17	5	
	28	7	X3 337	32	X12 4	17	6	
	31	2	X3 338	33	X12 5	17	5	
	31	6	X3 339	34	X12 8	17	6	
	23	8	X3 340	35	X54 A	23	8	
	17	4	X3 341	36	X12 11	17	4	
	44	5	X3 372	37	X47 1	44	5	
	44	5	X3 372	38	X47 1	44	5	
	44	5	X3 373	39	X47 2	44	5	
	44	5	X3 373	40	X47 2	44	5	
	9	1	X3 260	41	S15 11	9	2	Switch, mechanical gear
				41				Reserve
				GNYE				Reserve

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 25 of 1050 pages

The full manual includes:

- All 1050 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Bomag BF 300 C Service Training

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual