

**INSTRUCTION MANUAL  
AND  
PARTS CATALOGUE  
FOR**

**ALBUTT BALE HANDLERS  
(SQUEEZE VERSIONS)**

**THIS MUST BE USED IN CONJUNCTION WITH THE  
ALBUTT GENERAL OPERATOR'S MANUAL**

# CONTENTS

Certificate.....	3
Safety Instructions.....	4-6
Capabilities.....	7
Operating Instructions.....	8-9
Hydraulic Safety.....	10
Parts Diagrams.....	11-14



**EU CERTIFICATE OF CONFORMITY**

CONFORMING TO EC Machinery Directive 2006/42 EC

**We:**

Albutt Limited  
Great Washbourne  
Tewkesbury  
Glos. UK  
GL20 7AR



declare in sole responsibility, that the product

**Type: F301, F352, F410, F450**

to which this certificate applies, conforms to the basic safety  
and health requirements of the EC Machinery Directive 2006/42 EC,  
and the Transposed Harmonised Standards:

BS EN 1553 (2000)

A handwritten signature in black ink, appearing to read "A. D. Albutt". The signature is stylized and cursive.

Alistair Albutt

**Managing Director**

# SAFETY INSTRUCTIONS

**IMPORTANT – READ BEFORE USE**

This manual is provided to assist you in getting the best results from your machine and ensure that you do so safely. If you have any queries about the use of the machine contact your dealer before use. Please keep this manual for future reference.

## **INTENDED USE**

The intended use of Albutt bale spikes and grabs (F range) is for the safe lifting of compacted bales of straw, hay, haylage and silage both wrapped or unwrapped using user preference to prevent damage to wrap. These products must only be used for this purpose and under no circumstances should be used as a lifting device or access platform.

### **1.1 FUNDAMENTAL PRECAUTIONS**

On delivery, your dealer gave you an explanation of the operation and maintenance of this Albutt attachment. Please read and understand these operating instructions before operating the attachment for the first time. It is essential that you observe all safety instructions.

Incorrect use or mishandling of the machine can endanger:

Life and Limb of the operator, other persons or animals within the vicinity of the machine.

The machine and other material assets of the owner or third persons.

The performance of the machine.

Anyone who is involved in the commissioning, operation or maintenance of the bale grab must read and understand these instructions very carefully and observe them at all times.

**NEVER DISTRACT ANYONE WHO IS USING A MACHINE.**

## 1.2 AUTHORISED OPERATORS

Youths under the age of 16 must not operate this attachment. The owner of the bale handler must provide the operator with the operating instructions and make sure they have read and understood them. Only then may the bale handler be put into operation.

The owner must ensure that only authorised persons operate/work on this bale handler. The owner is responsible for keeping any third persons or animals out of the working area of the machine.

**THE OPERATOR MUST BE FULLY TRAINED BEFORE USING THE IMPLEMENT ESPECIALLY WHEN MOUNTED ON A TRACTOR LOADER OR TELEHANDLER. A SAFE DISTANCE OF AT LEAST 10M MUST BE OBSERVED BY ANYONE WITHIN THE VICINITY OF THE BALE GRAB.**

## 1.3 GENERAL SAFETY AND ACCIDENT PREVENTION REGULATIONS

Ensure the implement is correctly and securely attached to the operating vehicle using loader bracket mounting points. These do not come supplied with the attachment.

Always use the correct mounting bracket and ensure that it is fitted by a trained and competent operator who has been approved by your Albutt dealer. It is recommended to use a bolted connection to attach the mounting bracket.

**NEVER** attach to a tractor which would be rendered unstable when the implement is operated at its full capacity. Take note of the maximum load permissible on loader or linkage arms.

Take extra care when operating machinery on sloping ground. **NEVER** operate on ground where there is a risk of the tractor becoming unstable.

When the unit is stationary always ensure it is lowered to the ground.

When detaching the implement from the tractor always ensure that it is stable and safely positioned on a level surface.

The attaching and detaching of the implement must be carried out by only one operator. There should not be any other people in the vicinity of the implement or in the tractor.

Before operation make yourself familiar with all elements and controls of the machine as well as their functions.

Before operation inspect the area around you. Keep children away. All visitors and unauthorised persons should be kept well away from work area at all times.

**Under NO circumstances** should anyone, authorised or otherwise attempt to use the bale stacker as a means of personal transport. It is designed as a specialist purpose farm implement and is unsuitable for the safe transportation of passengers. **NEVER** allow anyone especially children to travel anywhere between the tractor and an implement.

**NEVER** use this implement to lift items other than bales of straw, hay or silage. Any attempt to overload the machine will risk life and limb of the operator and immediately invalidate warranty.

To avoid personal injury keep hands and limbs well away from the moving parts.

**ENSURE** the implement and bales, do not restrict the forward vision or important sightlines of the operator when mounted on the front of the tractor.

**ENSURE** that the operator is aware of the large overhang when the implement is mounted on the front of the tractor. **EXTREME CAUTION** must be taken when emerging onto the public roads. We recommend that the attachment is placed on a trailer when travelling on the public highway.

Never unload bales on sloping ground or anywhere where the bales could be unstable. If stacking bales always ensure that the ground is level and stable and the stack is secure and adequately supported.

**NEVER** attempt to move the implement manually.

**We recommend that genuine Albutt bolt on brackets are used on these attachments.**

**Any weld on brackets which adversely affect the structure of the product and may invalidate warranty.**



## 1.4 MACHINE CAPABILITIES

The Albutt bale handlers are capable of handling (bale sizes in cm - widthxheight):

HANDLER	QTY ROUND	QTY 80x90	QTY 120x90	QTY 120x70	QTY 80x70	QTY 80x50	QTY 120x120
F301	1	N/A	N/A	N/A	N/A	N/A	N/A
F352	1	1	1	1	1	1	1
F410	1	N/A	N/A	N/A	N/A	N/A	N/A
F450	1	2	2	2	2	2	1



## 1.4 GENERAL OPERATING INSTRUCTIONS

### F301

- 1) Drive up to the bale and fully open the arms.
- 2) Drive in until the bale is up against the frame with the arms in the position shown below.
- 3) Operate the hydraulics to gently squeeze the bale.
- 4) Lift the bale and crowd so the bale is supported by the back frame. **DO NOT LIFT ANY BALES WHICH ARE UNSUPPORTED THE SUPPORTING BACK FRAME.**
- 5) **Before moving ensure the desired path is clear. Only ever travel in a path which is known to be clear and never allow the bales and handler to come within 10m of a bystander.**
- 6) To place the load position the bales very close to the destination before returning the bales to horizontal to prevent bales tipping off prematurely. Gently place down the bales and when the load is taken by the floor/trailer/other bales, release the hydraulics, lower the attachment and reverse out gently. If the bales begin to move adjust attachment position as necessary to prevent dragging. Do not drop the bale from any height, this may result in personal injury or damage to the bale.



## 1.4 GENERAL OPERATING INSTRUCTIONS

### F410 & F450

- 1) Drive up to the bale and fully open the arms.
- 2) Drive in until the bale is up against the back frame.
- 3) Operate the hydraulics to gently squeeze the bale.
- 4) Lift the bale and crowd so the bale is supported by the back frame. **DO NOT LIFT ANY BALES WHICH ARE UNSUPPORTED BY THE BACK FRAME.**
- 5) **Before moving ensure the desired path is clear. Only ever travel in a path which is known to be clear and never allow the bales and handler to come within 10m of a bystander.**
- 6) To place the load, position the bale very close to the destination before returning the bale to horizontal to prevent bale tipping off prematurely. Gently place down the bale and when the load is taken by the floor/trailer/other bales, release the hydraulics and reverse out gently. If the bale begins to move adjust attachment position as necessary to prevent dragging. Do not drop the bale from any height, this may result in personal injury or damage to the bale.
- 7) When not carrying a bale, the F410 must be fully closed during travelling. When travelling on the road, transport the F410 on a trailer. If this is not possible, ensure it is carrier in the lowest possible position with the arms fully closed.



## 1.4 GENERAL OPERATING INSTRUCTIONS

### F352

- 1) Drive up to the bale and fully open the arm.
- 2) Drive in until the back of the bale is against the bottom tube of the handler and lower until the top tube is resting on the top of the bale.
- 3) Operate the hydraulics to clamp the bale. Lift the bale and crowd so the bale is supported by the back frame. **DO NOT LIFT ANY BALES WHICH ARE UNSUPPORTED BY THE BACK FRAME.**
- 4) **Before moving ensure the desired path is clear. Only ever travel in a path which is known to be clear and never allow the bales and handler to come within 10m of a bystander.**
- 5) To place the load, position the bale very close to the destination before returning the bale to horizontal to prevent bale tipping off prematurely. Gently place down the bale and when the load is taken by the floor/trailer/other bales, release the hydraulics and reverse out gently. If the bale begins to move adjust attachment position as necessary to prevent dragging. Do not drop the bale from any height, this may result in personal injury or damage to the bale.



## 1.5 HYDRAULIC SAFETY

**CAUTION** The hydraulic system is under high pressure.

Ensure that only high-pressure hoses are used to connect supply to the attachments hydraulic cylinder. Check hoses regularly and renew any that are damaged or worn. **Hydraulic** supply must not exceed 207 bar & 80 L/min

Before working on the hydraulics lower the bale handler, release the pressure from the system and stop the tractor engine.

When connecting hydraulic rams make sure that the hydraulic hoses are coupled correctly. Pressure should be released from the system both on the tractor and on the implement side prior to coupling the hoses to the tractor hydraulics.

**CAUTION** Hydraulic oil forced out under pressure can break the skin and cause severe injury. In the event of a hydraulic oil leak stop the tractor flow immediately. **DO NOT PUT HANDS NEAR A LEAKING PIPE.**

## 1.6 MAINTENANCE

As a rule, disengage the driving system and stop the engine prior to carrying out maintenance, servicing, cleaning or repair work. **ALWAYS** remove the ignition key.

Prop the machine with appropriate supports before carrying out any maintenance work. The manufacturer will not be responsible for any damages or injuries caused by unauthorised repair, alterations or mishandling of the product.

Maintain product with care. Check periodically for damage that would affect the safe operation of the implement.

**ALWAYS** ensure all warning stickers are kept clean and in good condition.

Regularly check the bolts at the hinge points and tighten if necessary.

Regularly lubricate the hydraulic cylinder and hinges using clean grease.

Cover the chromed area of the hydraulic cylinder with a layer of grease during prolonged periods of inactivity.



## 2.1 F352 PARTS DRAWING (2018)

**F352 BALE HANDLER EXPLODED PARTS DRAWING**

T.F.W. 12/3/18 1:15

DO NOT SCALE - IF IN DOUBT ASK

60050016

  

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	60050019	MAIN FRAME	1
2	60050034	PIVOT FRAME	1
3	60050041	MAIN ARM	1
4	60050046	FRONT ARM	1
5	60003322	HYD CYLINDER	1
6	60050054	LOWER FRAME PIN	1
7	60050053	TOP FRAME PIN	2
8	60050017	MAIN ARM PIVOT PIN	1
9	9020039	CYLINDER BASE PIN	1
10	9020034	CYLINDER ROD PIN	1
11	5017002	LINCH PIN	3
12	5004917	PIN LOCKING BOLT	3
13	5011554	MAIN ARM PIVOT NUT	1
14	5004082	MAIN ARM PIVOT BOLT	1
15	60004598	FRONT CLAMP SPACER	2
16	60004599	FRONT CLAMP PLATE	1
17	5050163	FRONT CLAMP BOLT	2
18	5215131	PIN CAP	3
19	9020110	MID ARM PIVOT PIN	1

## 2.2 F450 PARTS DRAWING (2014)

**B (1:2)**

Hydraulische mit dem Balken schem.  
Balken 125.025.039 im Arm  
Balken 125.025.039 auf Trägerseite  
schem.  
Balken mit Schrauben, Scheiben und Muttern  
schem.

**D (1:3)**

**E (1:3)**

**G (0.60:1)**

22	ALUBLOCK 80*80	1	124.000.041
23	ALUBLOCK 100*100	1	124.000.042
24	ALUBLOCK 125*125	1	124.000.043
25	ALUBLOCK 150*150	1	124.000.044
26	ALUBLOCK 200*200	1	124.000.045
27	ALUBLOCK 250*250	1	124.000.046
28	ALUBLOCK 300*300	1	124.000.047
29	ALUBLOCK 350*350	1	124.000.048
30	ALUBLOCK 400*400	1	124.000.049
31	ALUBLOCK 450*450	1	124.000.050
32	ALUBLOCK 500*500	1	124.000.051
33	ALUBLOCK 550*550	1	124.000.052
34	ALUBLOCK 600*600	1	124.000.053
35	ALUBLOCK 650*650	1	124.000.054
36	ALUBLOCK 700*700	1	124.000.055
37	ALUBLOCK 750*750	1	124.000.056
38	ALUBLOCK 800*800	1	124.000.057
39	ALUBLOCK 850*850	1	124.000.058
40	ALUBLOCK 900*900	1	124.000.059
41	ALUBLOCK 950*950	1	124.000.060
42	ALUBLOCK 1000*1000	1	124.000.061
43	ALUBLOCK 1050*1050	1	124.000.062
44	ALUBLOCK 1100*1100	1	124.000.063
45	ALUBLOCK 1150*1150	1	124.000.064
46	ALUBLOCK 1200*1200	1	124.000.065
47	ALUBLOCK 1250*1250	1	124.000.066
48	ALUBLOCK 1300*1300	1	124.000.067
49	ALUBLOCK 1350*1350	1	124.000.068
50	ALUBLOCK 1400*1400	1	124.000.069
51	ALUBLOCK 1450*1450	1	124.000.070
52	ALUBLOCK 1500*1500	1	124.000.071
53	ALUBLOCK 1550*1550	1	124.000.072
54	ALUBLOCK 1600*1600	1	124.000.073
55	ALUBLOCK 1650*1650	1	124.000.074
56	ALUBLOCK 1700*1700	1	124.000.075
57	ALUBLOCK 1750*1750	1	124.000.076
58	ALUBLOCK 1800*1800	1	124.000.077
59	ALUBLOCK 1850*1850	1	124.000.078
60	ALUBLOCK 1900*1900	1	124.000.079
61	ALUBLOCK 1950*1950	1	124.000.080
62	ALUBLOCK 2000*2000	1	124.000.081
63	ALUBLOCK 2050*2050	1	124.000.082
64	ALUBLOCK 2100*2100	1	124.000.083
65	ALUBLOCK 2150*2150	1	124.000.084
66	ALUBLOCK 2200*2200	1	124.000.085
67	ALUBLOCK 2250*2250	1	124.000.086
68	ALUBLOCK 2300*2300	1	124.000.087
69	ALUBLOCK 2350*2350	1	124.000.088
70	ALUBLOCK 2400*2400	1	124.000.089
71	ALUBLOCK 2450*2450	1	124.000.090
72	ALUBLOCK 2500*2500	1	124.000.091
73	ALUBLOCK 2550*2550	1	124.000.092
74	ALUBLOCK 2600*2600	1	124.000.093
75	ALUBLOCK 2650*2650	1	124.000.094
76	ALUBLOCK 2700*2700	1	124.000.095
77	ALUBLOCK 2750*2750	1	124.000.096
78	ALUBLOCK 2800*2800	1	124.000.097
79	ALUBLOCK 2850*2850	1	124.000.098
80	ALUBLOCK 2900*2900	1	124.000.099
81	ALUBLOCK 2950*2950	1	124.000.100
82	ALUBLOCK 3000*3000	1	124.000.101
83	ALUBLOCK 3050*3050	1	124.000.102
84	ALUBLOCK 3100*3100	1	124.000.103
85	ALUBLOCK 3150*3150	1	124.000.104
86	ALUBLOCK 3200*3200	1	124.000.105
87	ALUBLOCK 3250*3250	1	124.000.106
88	ALUBLOCK 3300*3300	1	124.000.107
89	ALUBLOCK 3350*3350	1	124.000.108
90	ALUBLOCK 3400*3400	1	124.000.109
91	ALUBLOCK 3450*3450	1	124.000.110
92	ALUBLOCK 3500*3500	1	124.000.111
93	ALUBLOCK 3550*3550	1	124.000.112
94	ALUBLOCK 3600*3600	1	124.000.113
95	ALUBLOCK 3650*3650	1	124.000.114
96	ALUBLOCK 3700*3700	1	124.000.115
97	ALUBLOCK 3750*3750	1	124.000.116
98	ALUBLOCK 3800*3800	1	124.000.117
99	ALUBLOCK 3850*3850	1	124.000.118
100	ALUBLOCK 3900*3900	1	124.000.119
101	ALUBLOCK 3950*3950	1	124.000.120
102	ALUBLOCK 4000*4000	1	124.000.121
103	ALUBLOCK 4050*4050	1	124.000.122
104	ALUBLOCK 4100*4100	1	124.000.123
105	ALUBLOCK 4150*4150	1	124.000.124
106	ALUBLOCK 4200*4200	1	124.000.125
107	ALUBLOCK 4250*4250	1	124.000.126
108	ALUBLOCK 4300*4300	1	124.000.127
109	ALUBLOCK 4350*4350	1	124.000.128
110	ALUBLOCK 4400*4400	1	124.000.129
111	ALUBLOCK 4450*4450	1	124.000.130
112	ALUBLOCK 4500*4500	1	124.000.131
113	ALUBLOCK 4550*4550	1	124.000.132
114	ALUBLOCK 4600*4600	1	124.000.133
115	ALUBLOCK 4650*4650	1	124.000.134
116	ALUBLOCK 4700*4700	1	124.000.135
117	ALUBLOCK 4750*4750	1	124.000.136
118	ALUBLOCK 4800*4800	1	124.000.137
119	ALUBLOCK 4850*4850	1	124.000.138
120	ALUBLOCK 4900*4900	1	124.000.139
121	ALUBLOCK 4950*4950	1	124.000.140
122	ALUBLOCK 5000*5000	1	124.000.141
123	ALUBLOCK 5050*5050	1	124.000.142
124	ALUBLOCK 5100*5100	1	124.000.143
125	ALUBLOCK 5150*5150	1	124.000.144
126	ALUBLOCK 5200*5200	1	124.000.145
127	ALUBLOCK 5250*5250	1	124.000.146
128	ALUBLOCK 5300*5300	1	124.000.147
129	ALUBLOCK 5350*5350	1	124.000.148
130	ALUBLOCK 5400*5400	1	124.000.149
131	ALUBLOCK 5450*5450	1	124.000.150
132	ALUBLOCK 5500*5500	1	124.000.151
133	ALUBLOCK 5550*5550	1	124.000.152
134	ALUBLOCK 5600*5600	1	124.000.153
135	ALUBLOCK 5650*5650	1	124.000.154
136	ALUBLOCK 5700*5700	1	124.000.155
137	ALUBLOCK 5750*5750	1	124.000.156
138	ALUBLOCK 5800*5800	1	124.000.157
139	ALUBLOCK 5850*5850	1	124.000.158
140	ALUBLOCK 5900*5900	1	124.000.159
141	ALUBLOCK 5950*5950	1	124.000.160
142	ALUBLOCK 6000*6000	1	124.000.161
143	ALUBLOCK 6050*6050	1	124.000.162
144	ALUBLOCK 6100*6100	1	124.000.163
145	ALUBLOCK 6150*6150	1	124.000.164
146	ALUBLOCK 6200*6200	1	124.000.165
147	ALUBLOCK 6250*6250	1	124.000.166
148	ALUBLOCK 6300*6300	1	124.000.167
149	ALUBLOCK 6350*6350	1	124.000.168
150	ALUBLOCK 6400*6400	1	124.000.169
151	ALUBLOCK 6450*6450	1	124.000.170
152	ALUBLOCK 6500*6500	1	124.000.171
153	ALUBLOCK 6550*6550	1	124.000.172
154	ALUBLOCK 6600*6600	1	124.000.173
155	ALUBLOCK 6650*6650	1	124.000.174
156	ALUBLOCK 6700*6700	1	124.000.175
157	ALUBLOCK 6750*6750	1	124.000.176
158	ALUBLOCK 6800*6800	1	124.000.177
159	ALUBLOCK 6850*6850	1	124.000.178
160	ALUBLOCK 6900*6900	1	124.000.179
161	ALUBLOCK 6950*6950	1	124.000.180
162	ALUBLOCK 7000*7000	1	124.000.181
163	ALUBLOCK 7050*7050	1	124.000.182
164	ALUBLOCK 7100*7100	1	124.000.183
165	ALUBLOCK 7150*7150	1	124.000.184
166	ALUBLOCK 7200*7200	1	124.000.185
167	ALUBLOCK 7250*7250	1	124.000.186
168	ALUBLOCK 7300*7300	1	124.000.187
169	ALUBLOCK 7350*7350	1	124.000.188
170	ALUBLOCK 7400*7400	1	124.000.189
171	ALUBLOCK 7450*7450	1	124.000.190
172	ALUBLOCK 7500*7500	1	124.000.191
173	ALUBLOCK 7550*7550	1	124.000.192
174	ALUBLOCK 7600*7600	1	124.000.193
175	ALUBLOCK 7650*7650	1	124.000.194
176	ALUBLOCK 7700*7700	1	124.000.195
177	ALUBLOCK 7750*7750	1	124.000.196
178	ALUBLOCK 7800*7800	1	124.000.197
179	ALUBLOCK 7850*7850	1	124.000.198
180	ALUBLOCK 7900*7900	1	124.000.199
181	ALUBLOCK 7950*7950	1	124.000.200
182	ALUBLOCK 8000*8000	1	124.000.201
183	ALUBLOCK 8050*8050	1	124.000.202
184	ALUBLOCK 8100*8100	1	124.000.203
185	ALUBLOCK 8150*8150	1	124.000.204
186	ALUBLOCK 8200*8200	1	124.000.205
187	ALUBLOCK 8250*8250	1	124.000.206
188	ALUBLOCK 8300*8300	1	124.000.207
189	ALUBLOCK 8350*8350	1	124.000.208
190	ALUBLOCK 8400*8400	1	124.000.209
191	ALUBLOCK 8450*8450	1	124.000.210
192	ALUBLOCK 8500*8500	1	124.000.211
193	ALUBLOCK 8550*8550	1	124.000.212
194	ALUBLOCK 8600*8600	1	124.000.213
195	ALUBLOCK 8650*8650	1	124.000.214
196	ALUBLOCK 8700*8700	1	124.000.215
197	ALUBLOCK 8750*8750	1	124.000.216
198	ALUBLOCK 8800*8800	1	124.000.217
199	ALUBLOCK 8850*8850	1	124.000.218
200	ALUBLOCK 8900*8900	1	124.000.219
201	ALUBLOCK 8950*8950	1	124.000.220
202	ALUBLOCK 9000*9000	1	124.000.221
203	ALUBLOCK 9050*9050	1	124.000.222
204	ALUBLOCK 9100*9100	1	124.000.223
205	ALUBLOCK 9150*9150	1	124.000.224
206	ALUBLOCK 9200*9200	1	124.000.225
207	ALUBLOCK 9250*9250	1	124.000.226
208	ALUBLOCK 9300*9300	1	124.000.227
209	ALUBLOCK 9350*9350	1	124.000.228
210	ALUBLOCK 9400*9400	1	124.000.229
211	ALUBLOCK 9450*9450	1	124.000.230
212	ALUBLOCK 9500*9500	1	124.000.231
213	ALUBLOCK 9550*9550	1	124.000.232
214	ALUBLOCK 9600*9600	1	124.000.233
215	ALUBLOCK 9650*9650	1	124.000.234
216	ALUBLOCK 9700*9700	1	124.000.235
217	ALUBLOCK 9750*9750	1	124.000.236
218	ALUBLOCK 9800*9800	1	124.000.237
219	ALUBLOCK 9850*9850	1	124.000.238
220	ALUBLOCK 9900*9900	1	124.000.239
221	ALUBLOCK 9950*9950	1	124.000.240
222	ALUBLOCK 10000*10000	1	124.000.241

Painted RAL 5019 capri blue

Quaderballenlange  
125.025.350

### 2.3 F301 PARTS DRAWING (2017)

