

**OPERATION, SPARE PARTS
AND SERVICE MANUAL**



MANUAL BLOCK SPLITTER

(FBS40M MODEL)



FAIRPORT

CONSTRUCTION EQUIPMENT LIMITED

Blagden Street
Sheffield
S2 5QS
ENGLAND

Tel: +44 (0) 114 276 7921

Fax: +44 (0) 114 272 0965

Email: sales@fairport.uk.com

Web: www.fairport.uk.com

CONTENTS

PAGE	DESCRIPTION
2-3	SAFETY AND OPERATION OF THE BLOCK SPLITTER
4	TECHNICAL DATA & UNDERSTANDING YOUR BLOCK SPLITTER
6	WARRANTY CONDITIONS AND CLAIMS PROCEDURE
7	REPAIRS AND ESTIMATES
7	ENVIRONMENT
8-9	PARTS LIST
12	EC DECLARATION OF CONFORMITY

SAFETY AND OPERATION OF THE BLOCK SPLITTER

DESCRIPTION

The FBS40M block splitter is designed to cut materials such as paving slabs, paving blocks and building blocks etc. with parallel faces. The maximum depth of slab that may be cut is 210mm, the minimum is 45mm and the maximum width is 400mm.

SAFETY

- Ensure splitter is standing on a firm level surface.
- Wear eye protection, gloves and safety footwear.
- Do not allow hands or feet to be between the blades when carrying out any blade adjustments.
- Ensure the Handle is in its fully upright position between cuts.
- Never leave the machine unattended with the Handle in the upright position. The Handle should be left in its lowered position.
- When moving the machine ensure there is no material on the table which will slide off when the machine is tilted.
- Never use additional extension bars other than the one provided with the machine.
- Take care when adjusting the cutting table – there is a risk of trapping fingers.

CAUTION

- Avoid warped or 'green' blocks and slabs. These will break prematurely and not where required. All slabs must have flat parallel faces; riven slabs are unsuitable for splitting.
- Check sharpness of blades regularly. Cut only with blades in good condition. Replace if worn or damaged.
- Do not attempt to cut material of a size outside the range of the splitter.

It is not possible to be specific with regard to the types of materials that are suitable for splitting and that are unsuitable. Generally a material that splits quickly, easily and cleanly with a sharp crack-like noise is suitable; a material that splits irregularly and requires a high level of effort is unsuitable. If the material appears to crush or crumble during the cutting action then this may indicate that the material is too soft and unsuitable. Repeated attempts to cut this material will damage the machine and this will not be covered by warranty.

ADJUSTMENTS

In order to obtain a clean cut (break) it is essential that the upper blade is parallel to the surface of the material to be cut. To ensure this, place the material to be cut across the lower blade, pull the handle downwards so that the top blade just contacts the material. If the top blade is only in contact at one end of the material, slacken the hand screw and continue to operate the handle to create a slight pressure. This will automatically adjust the top blade so that it is parallel to the material surface. Check that the blade contacts all the way along and then retighten the hand screw.

OPERATION

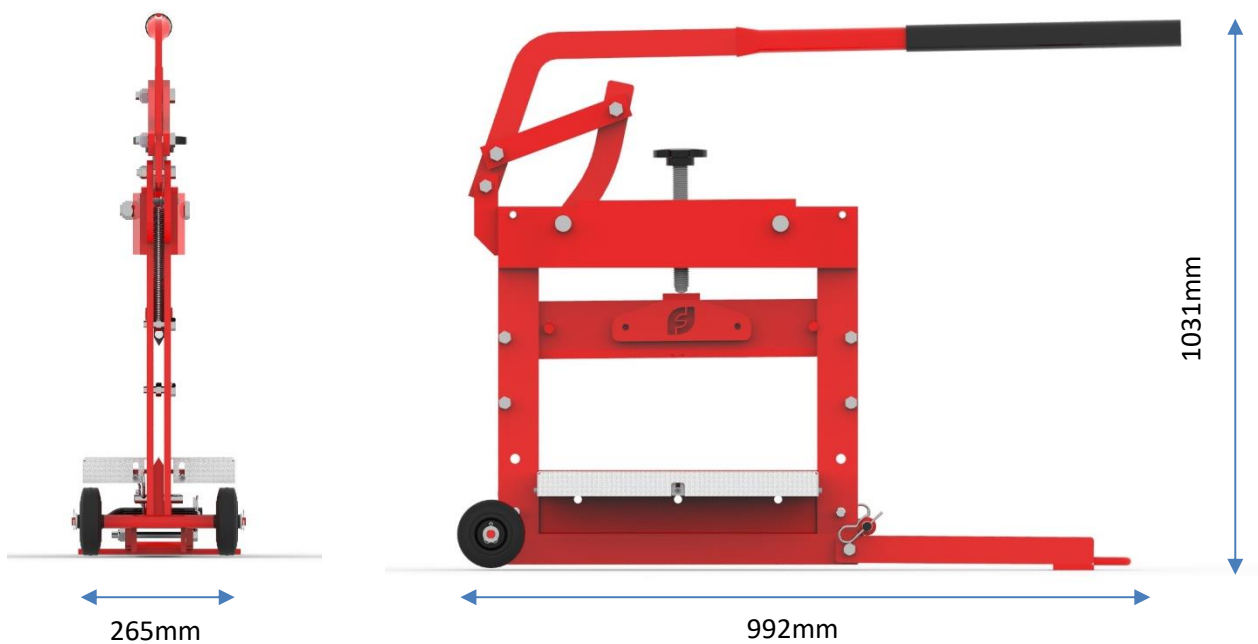
- Before operating the machine, check to ensure there are no loose, missing or damaged parts. Repair or replace parts here necessary.
- Ensure the Stabilising Leg is in its lowered position and locked in position.
- Check the blade adjustment as above.
- Place the material between the blades so that the cutting action is in the centre of the blades and not towards one end.
- Pull the Handle downwards with firm pressure until the material splits. Once split, return the handle to its upright position.
- If the material is difficult to split, the telescopic Handle can be adjusted to give additional cutting force.
- DO NOT attempt to use an alternative extension to that provided with the machine as this may be dangerous and may cause injury to the operator and damage to the machine.
- Clear all debris from around blades after each cut.

SAFETY DECALS

TECHNICAL DATA

MODEL	FBS40M
Length mm	992mm
Width mm	265mm
Height mm	1031mm
Weight Kg	65kg
Max Cutting Length mm	400mm
Max Cutting Depth mm	210mm
Min Cutting Depth mm	45mm

UNDERSTANDING YOUR BLOCK SPLITTER



WARRANTY CONDITIONS AND CLAIMS PROCEDURE

All products supplied by Fairport Construction Equipment Ltd (hereafter referred to as FCE) are warranted to be free of defects due to faulty materials or workmanship for a period of 12 months from the date of original despatch from FCE or 3 months for all spare parts used in repairs carried out by FCE or an authorised dealer or repairer.

If the goods have been purchased through a stockist the above warranty periods also apply from receipt of the goods by the user of the equipment up to a total of a further 6 months from date of despatch from FCE whichever is earlier.

Filter elements, gauges and oils are specifically excluded from this warranty.

FCE shall at their option repair or replace, during normal working hours, goods accepted as faulty free of charge to the user.

For proprietary items such as engines, the original manufacturer's warranty and conditions shall apply.

CONDITIONS

The goods shall be returned at the purchaser's expense to FCE or to a destination FCE may reasonably direct. Carriage costs will be refunded if warranty is accepted.

Warranty claims will not be considered where there is evidence that failure has been caused by carelessness, improper use, negligence, inadequate servicing, incorrect engine speeds, fair wear and tear or non-compliance with instructions issued by the manufacturer.

To the extent permitted by law, the liability of FCE under this section is confined only to providing a remedy for defective goods and does not extend to any consequential loss, loss of profit, injury or damage suffered.

Warranty will not be accepted on dismantled goods unless dismantling was carried out with the written permission of FCE.

No claim shall be considered if other than genuine parts supplied by FCE have been used.

Products are only covered by this warranty in the country to where they were supplied by FCE.

Warranty on products applies only to the original user of the equipment.

This warranty shall not apply if the serial number or other identifying numbers or marks applied by FCE have been removed, defaced or are otherwise illegible.

CLAIMS PROCEDURE

Check that the goods are still under warranty before returning them to FCE (see above for warranty periods).

Return the goods to FCE with an order number for the work to proceed. If warranty is accepted no charge will be made. If warranty is not accepted a quotation will be given for the repair.

In the customer's interest, goods must be accompanied by documentation detailing the nature of the fault or its symptoms. Phrases such as 'Faulty' are unacceptable and will result in delays and possible charges to defray costs incurred in identifying the fault.

REPAIRS AND ESTIMATES

When returning a machine, or an assembly for repair, always include an Advice Note quoting model and serial number of the machine.

A purchase order must also be forwarded to FCE giving detailed instructions. No repair work can be carried out unless covered by a purchase order.

An estimate will be submitted before proceeding with any repair. To partly cover the cost in dismantling, cleaning and inspection, a small charge will be made; this however will be waived upon receipt of your official instructions to proceed with the repair.

In the event of the estimate not being accepted, a further charge will be made to cover the rebuilding of the machine.

Estimates must be treated as approximate only as it may be found necessary to use additional parts on further examination.

ENVIRONMENT

This machine contains materials that can be recycled. We recommend that when the machine is disposed of, it is done safely and in a way that protects the environment.

Part Description	Materials
Frame	Steel
Tables	Steel
Springs	Steel
Fasteners	Steel
Wheels	Plastic/ Rubber
Blade	Steel
Handles	Steel

PARTS LIST

ITEM No.	PART NO.	DESCRIPTION	QTY
1	W172000	FRAME	1
2	W172001	TABLE SUPPORT	2
3	W172002	ADJUSTMENT BRACKET	1
4	W172003	UPPER BEAM	1
5	W172004	CAM BRACKET	1
6	W172005	LINK BRACKET	1
7	W172006	FOOT PLATE	1
8	W172007	CUTTING TABLE	2
9	W172008	LOWER BEAM	1
11	W172010	ADJUSTMENT SCREW	1
12	W172011	HANDLE	1
13	W172015	HANDLE EXTENSION TUBE	1
14	W172012	WHEEL	2
15	W172203	CONICAL SPRING FOR TABLE	8
16	W172204	INNER TENSION SPRING	2
17	W172205	OUTER TENSION SPRING	2
18	W172014	RETAINING BAR	1
19	W172206	TABLE RETAINING PINS	2
20	W172207	12MM CIRCLIP	
21	W172208	R CLIP	2
22		SET OF DECALS	1
23	W172016	TUBE END INSERT	
--		FASTENER KIT	1
--		DECAL SET	

EC DECLARATION OF CONFORMITY

Manufacturer's Name: **Fairport Construction Equipment Ltd**

Manufacturer's Address: **Blagden Street
Sheffield
South Yorkshire
S2 5QS**

Declares that this product: **FBS40M**

Description of Equipment: **MANUAL BLOCK SPLITTER**

Serial Number

Conforms to the following Directive: Machinery Directive: 2006/42/EC
BSEN12100-1: 2010 Safety of Machinery

*Contact Details for Manufacturers:
Signatory etc.:* **Ian Morris
General Manager
Fairport Construction Equipment Ltd
Blagden Street
Sheffield. S2 5QS
Tel: 0114 2767921
Fax: 0114 2720965**

Signature: 

Place of Declaration: As above

Date: