

**RED BAND
UK**

Operators Manual & Parts List

GH65 BLOCK & SLAB SPLITTER



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Units 41-45

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Red Band GH65 Hydraulic Block & Slab Splitter Operators Manual

The Red Band GH65 Hydraulic Block & Slab 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 265mm, the minimum is 40mm and the maximum width is 640mm.

The machine is fitted with triangular blades that give each blade three cutting edges.

Safety

Ensure cutters are standing on a firm 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.

Disconnect handle when not in use.

When moving the machine ensure that there is no material on the table which will slide off when the machine is tilted.

Never use an extension bar on the jacking handle.

Operation

Place the material between the blades so that the cutting action is in the centre of the blades and not towards one end.

Make sure the hydraulic jacks pressure release valve is tightened by turning clockwise. Insert the jack handle into the jacking lever and pump the blade down to cut the material.

The material will usually break with a sharp audible crack, but see the **CAUTION** note section within this manual.

Release the blade by loosening the pressure release valve at the front of the jack. Retighten the valve when jack has retracted to desired height.

Clear all debris from blades after each cut.

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Hydraulic Jack Maintenance

Monthly maintenance is recommended. Lubrication is critical to jacks as they support heavy loads. Any restriction due to dirt, rust or corrosion can cause either slow movement or rapid jerks damaging the internal components. The following steps are designed to keep the jack maintained and operational.

1. Lubricate the ram, linkages, saddle and pump mechanism with light oil.
2. Visually inspect the jack for cracked welds, bent, lose or missing parts and hydraulic oil leaks.
3. If the jack is found to be damaged in any way or operating abnormally it should be removed from service until repaired.
4. Clean all surfaces and maintain all levels and warnings.
5. Check and maintain the ram oil level.
6. Check the ram every 3 months for signs of rust or corrosion. Clean as needed and wipe with an oily cloth. When not in use always leave the saddle and ram fully retracted.

Always store the jack in the fully lowered position. This will help protect the critical areas from corrosion. Do not use brake or transmission fluids or regular motor oil as they can damage the seals. Always refill with hydraulic jack oil.

Owner/operators should be aware that the repair of this jack requires specialist equipment and knowledge. Only factory authorized parts should be used on this equipment.

System Air Purge

If there is a lack of pressure coming from the hydraulic jack then this may indicate there is an air lock within the system. Follow the steps below to purge the air from the system.

1. Turn the release valve anti clockwise one full turn to open.
2. Pump the handle eight full strokes.
3. Turn the release valve clockwise to close the valve.
4. Pump the handle until the ram reaches maximum height and continue to pump several times to remove air trapped in the ram.
5. Carefully and slowly pinch the oil fill plug to release trapped air.
6. Turn the release valve anti clockwise one full turn and lower the ram to the lowest position. Use force on the saddle if necessary.
7. Turn the release valve clockwise to the closed position and check for proper pump action. It may be necessary to perform the above more than once to ensure all the trapped air is vented.

Changing Cutter Blades

If the cutter blades are worn, then they will need turning or replacing. To change the blades, use a long bar such as a drift and knock each blade out from one end. Turn each blade so that an unused edge is at the cutting position. If all cutting edges are worn and the blade is to be discarded, the new blade may be used as a drift and remain in position after knocking out the worn blade.

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Technical Information

Maximum Cutting Height: 265 mm

Minimum Cutting Height: 40 mm

Maximum Cutting Width: 640 mm

Machine Dimension (L x W x H): 800mm x 1050mm x 750mm

Hydraulic Jack: 15 Tonnes

Weight: 90kg

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.

Do not attempt to cut material of a size outside of the range of the cutter.

The square handle at the top of the machine is for 'HAND USE ONLY' and is NOT a lifting eye for mechanical use.

Please note that soft material will break without any audible noise and the pieces may not fall apart. The impression may be that the material has not broken and there may be the temptation to continue pumping. This could cause the top and bottom blades to become buried and may ultimately damage the machine beyond repair.

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.

WARNING The Red Band GH65 is unsuitable for the cutting of natural stone materials such as (but not limited to) granite and marble.

Damage caused by continued attempts to split unsuitable material is not covered by warranty.

For more information regarding the Red Band GH65 Hydraulic Block Splitter you can:

Call and speak with a member of our sales team on 0116 260 2601

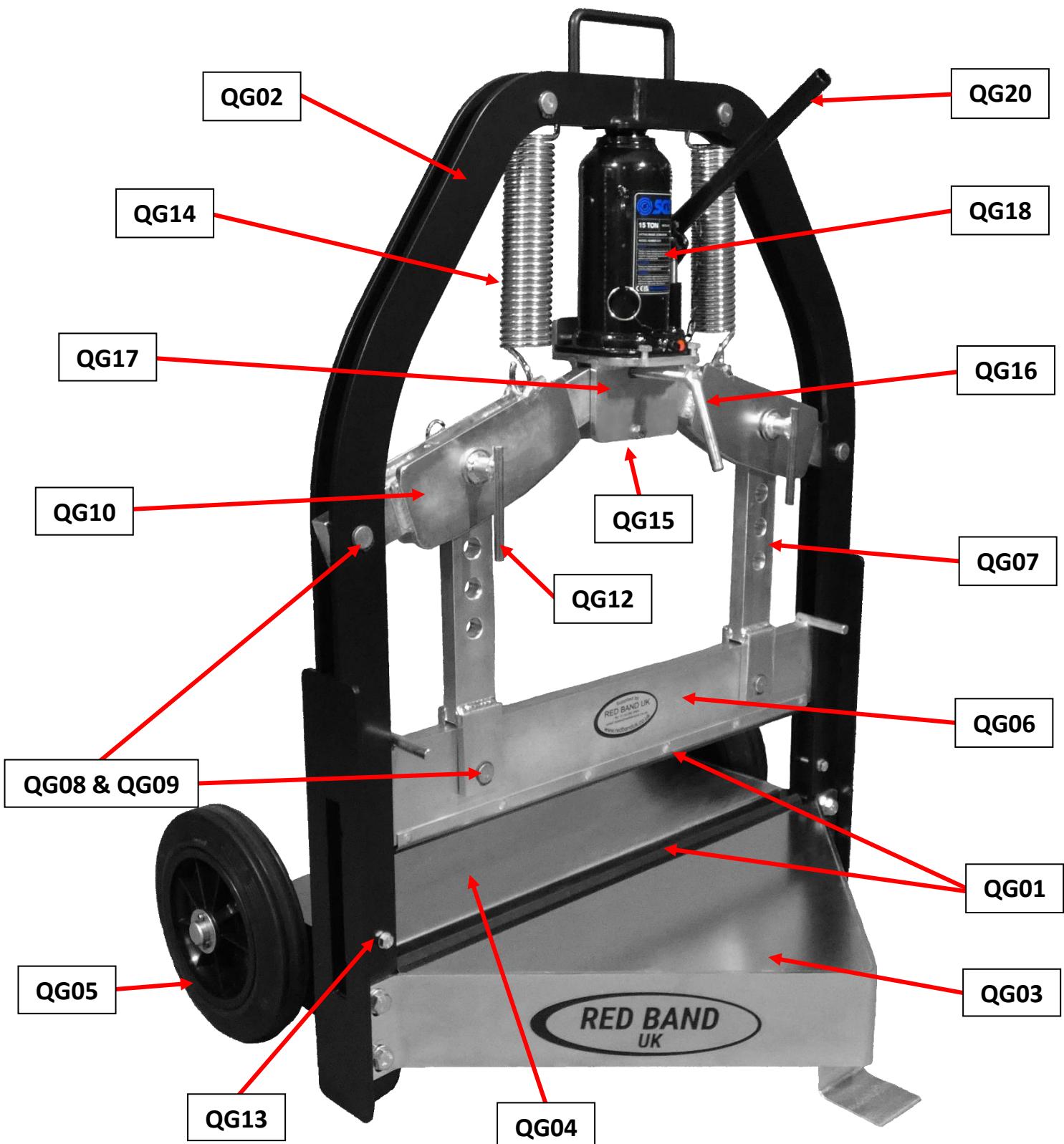
Visit our website: [Red Band GH65 24" Hydraulic Block & Slab Splitter | Red Band UK](https://www.redbanduk.com/red-band-gh65-24-hydraulic-block-slab-splitter)



Watch our demonstration video: [Red Band GH65 Hydraulic Block & Slab Splitter | Demo | YouTube](https://www.youtube.com/watch?v=...)



Red Band GH65 Hydraulic Block & Slab Splitter Parts List



QG01 – BLADE SET (X2)

QG02 – MAIN FRAME

QG03 – FRONT STAND

QG04 – REAR STAND

QG05 – WHEEL (25MM BORE)

QG06 – POWER BEAM

QG07 – HEIGHT ADJUSTER

QG08 – FIXING PIN

QG09 – CIRCLIP

QG10 – PIVOT BAR

QG11 – N/A

QG12 – LOCKING PIN

QG13 – SAFETY BOLT SET (X2)

QG14 – SPRING

QG15 – FULCRUM

QG16 – LOCK HANDLE

QG17 – JACK PLATE

QG18 – JACK ASSY (15T) (C/W JACK HANDLE)

QG19 – N/A

QG20 – JACK HANDLE (CRIMPED END)