



Yard Scraper

Model - 1876G

**Instruction Manual
& Operating Guide**

Rev 0 – 10/10/2018



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Safety Notes and Warnings

- Allow only experienced drivers to operate this equipment.
- Operate only when bystanders are at a safe distance
- Do not attempt to carry out any procedure on a machine unless you have received the appropriate training or read the instruction manual.
- Retain all instructions in a safe place for future reference.



Introduction and Intended use

The Ritchie Yard Scraper model 1876G has been designed for, and is intended to be used by the agricultural industry, local authorities' parks departments, golf courses etc. Purely to remove mud, muck, snow etc. that has covered the ground making it safer and cleaner to traverse. The scraper can be used either way around allowing it to be pulled or pushed.

Features:

- Variable spans from 1.7m to 2.44m
- Fully galvanised frame
- Durable rubber scrapers
- Designed for push / pull operation

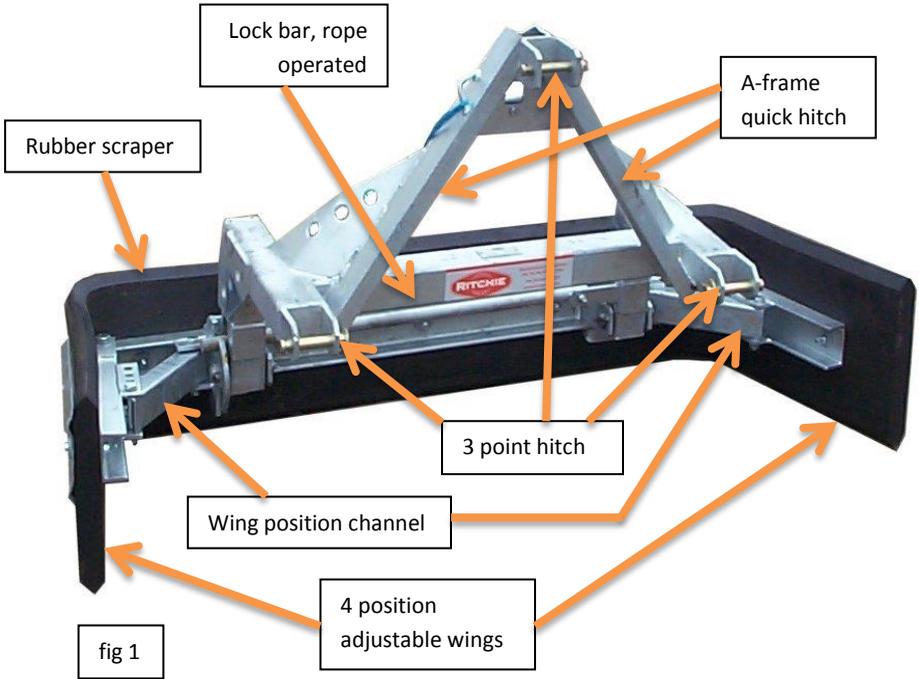
Deviations from the intended use should not take place without the notice and approval of David Ritchie (Implements) Ltd.

Specifications:

- Length - 762mm
- Width - 1799mm to 2501mm
- Height - 1007mm
- Weight - 185 Kg
- 3 point hitch, Cat 1 & 2
- A-frame quick hitch attachment
- Working speed 3 - 4.5mph (5 - 7kph)

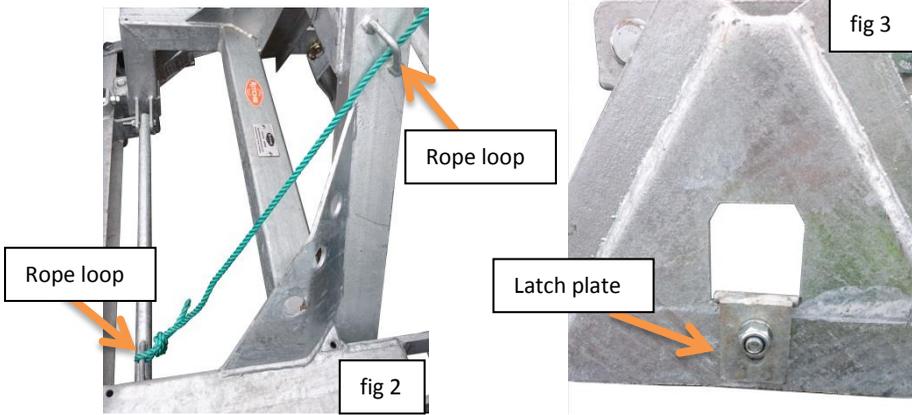


Overview



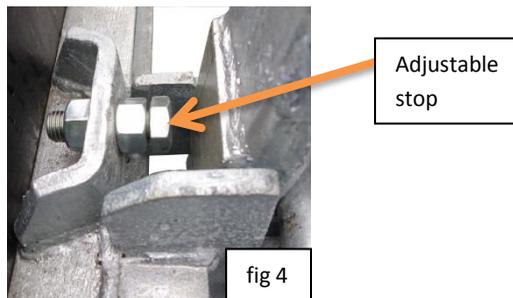
Preparation for Use

Connect the rope securely to the rotating lock bar loop (fig 2). Thread it through the other loop on the side of the main frame (fig 2) and secure the remaining rope out of the way.



Connect the scraper to the mounting points on the vehicle via the 3 point tractor hitch or an A-frame quick hitch. Ensure that all pins are fastened securely or that the latch plate (fig 3) and channel is located properly.

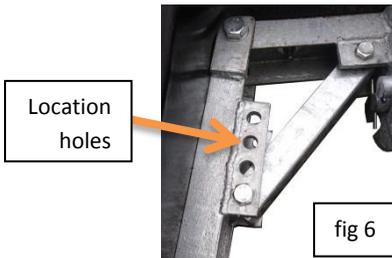
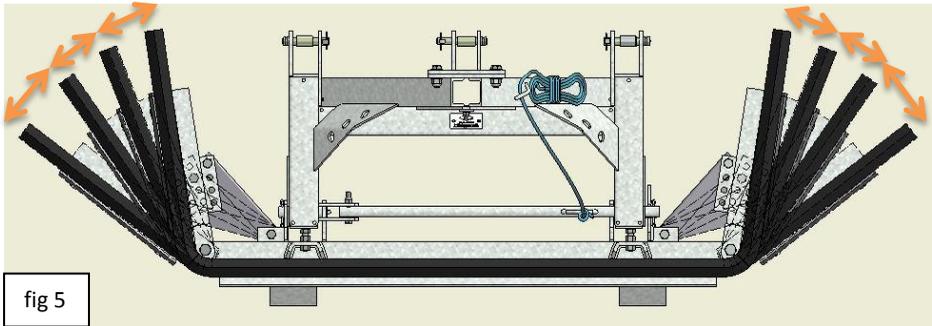
There are four adjustable stops on the scraper. Two for the pulling orientation and two for the pushing orientation. They are located either side of the horizontal channel on the rubber blade, in line with the vertical uprights on the main frame. These are used to set the position of the scraper, to provide float when in operation. The stops can be adjusted by slackening / tightening both nuts to move the bolt in or out dependant on what is required (fig 4).



Operating Instructions

For Pulling (fig 1):

Raise the scraper up so that the position of the wings can be set (fig 5) using one of the four holes on each side and tighten (fig 6). The wings can be set to different positions from each other.

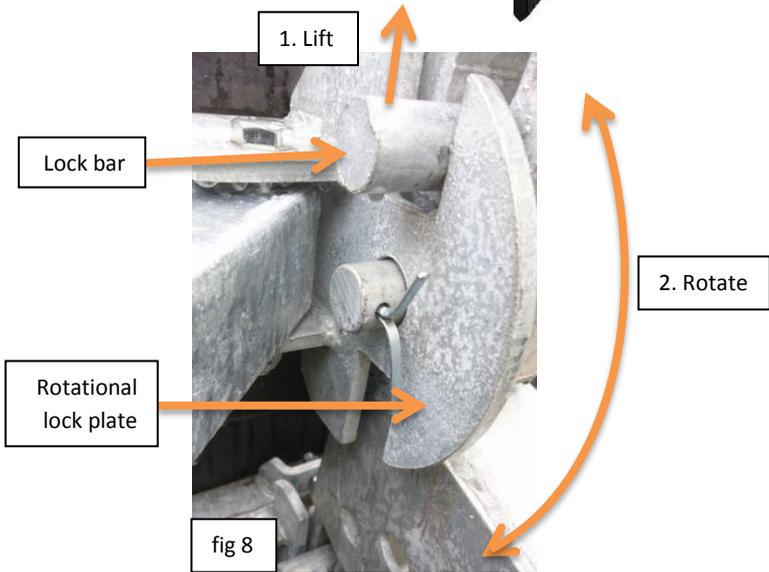
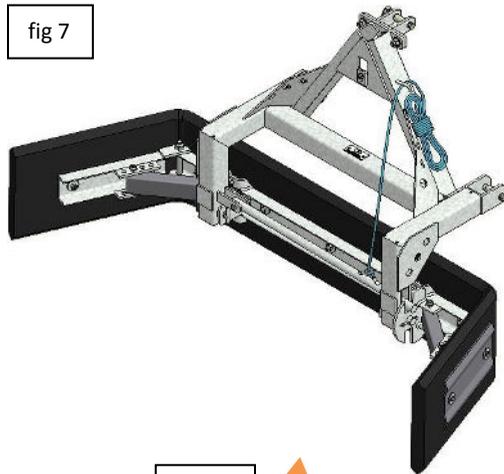


Drive to the location that requires attention, Lower the scraper to the ground and start driving. Ensuring that there is enough pressure to scrape thoroughly.

For Pushing (fig 7):

Pull the rope to release the lock bar (fig 1 & 2) and lift the scraper slowly to allow the rubber blade to gently drop. Once the gap in the locking plate has cleared the lock bar you may release the rope (fig 8). Move backwards and lower the scraper slowly to allow the full 180° turn to be completed. The lock bar will locate when correctly aligned.





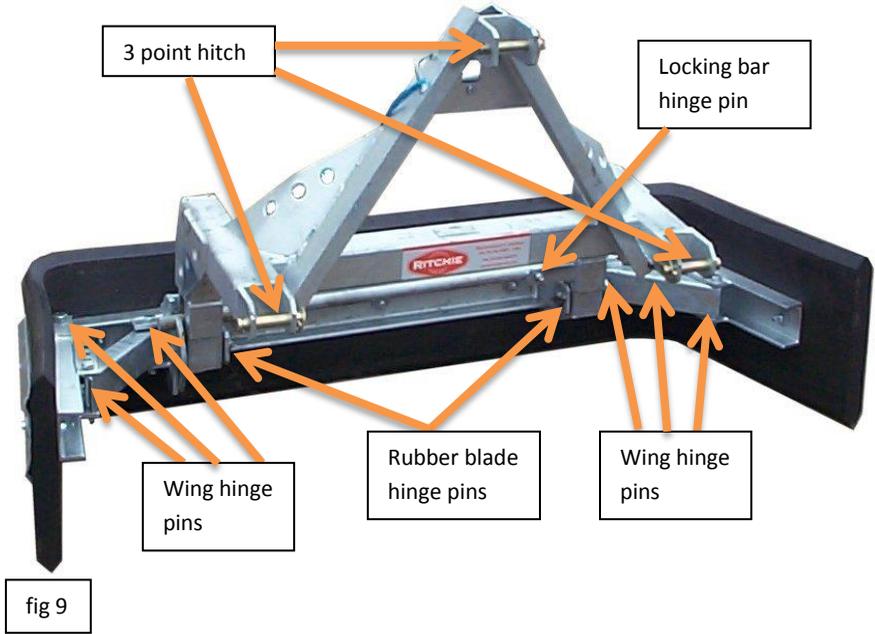
Raise the scraper up so that the position of the wings can be set (fig 5) using one of the four holes on each side and tighten (fig 6). The wings can be set to different positions from each other.

Drive to the location that requires attention, Lower the scraper to the ground and start driving. Ensuring that there is enough pressure to scrape thoroughly.



Maintenance and Lubrication

Clean the scraper at the end of each usage using water with a small amount of washing up liquid or proprietary detergent. Then oil / grease all pins and hinges as required to prolong the life of the scraper (fig 9).

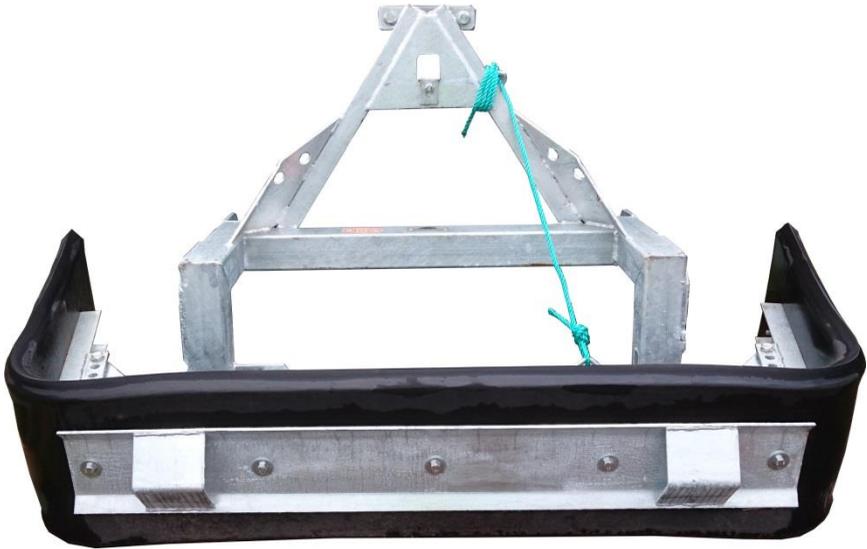


Spare Parts

<u>Part</u>	<u>Ritchie Part No.</u>
Rubber scrapper	RUBSCRAP1876
Lynch pin 7/16"	LYNCHPIN7/16
Lower link pin	LINKPIN54
Upper link pin	LINKPIN74
Lower bush, cat 1 to 2	LINKBUSH351
Upper bush, cat 1 to 2	LINKBUSH353
Wing position channel	1876G-07

If any other parts are required please contact your local David Ritchie supplier or David Ritchie (Implements) Ltd. directly.





the perfect partner

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