

### For guidance on managing construction health risks go to www.hse.gov.uk/construction

- Insert the tip of the wire into and through the wire guide and into the feed gears. Push the wire through until the tip appears out of the feeder arm, or until the wire stops at the inner edge of the feeder arm. 7.
- If the wire guide is not visible, clean inside the window with a soft cloth (see cleaning).
- Press the release catch so the release lever is free to re 9. to its normal position. This allows the feed gears to clamp the tie wire.
- 10. Remove the tape completely from the new reel!
- 11. Turn the reel anti clockwise to take up any slack in the tie wire. Make sure the wire is within the reel flanges and not redaed over one side
- 12. Insert the battery pack.
- **13.** NOTE. Keep hands clear. When switching on the main switch the tool will immediately initialise.

#### USING THE RE-BAR TIER

- Wear protective equipment including ear defenders. 1. goggles and gloves.
- Keep fingers away from the trigger until ready to operate. Set main switch to off, lock the trigger, and remove the battery pack when doing any check, adjustment or wire replacement or when the tool is not in use.
- Keep the tool clean and dry keep it free of oil and grease 3 For best tying results hold the tool at right-angles to the re-bar framework, and rotate it to 45° to the angle formed by the two re-bars being tied.





projection at the dack of the knod and insert the reel until a

Rotate the reel until one of the four grooves locates into the

Locate the new reel into place with the white marks on the reel to the left of the tool and the irregular flange side of the

Peel off enough tape to expose 50mm (2") of the tie wire on the new reel. Stretch and straighten the wire out ready on the new reel. Stretch and straighten the wire out to the peel of the wire outlet.

Hemove the wire reel and any remaining wire, from the reel

e the top of the handle; push it forwards to relea

The reel stopper is located on the right side of the tool just

Press the release lever on the top of the tool, and ensure it is held in by the release catch. This will unclamp the feed geers so that any where remaining can be extracted.

Inm the reel anti clockwise to take up any slack in the te wire.

Press the release catch so the release lever is free to return to its normal position. This allows the feed gears to clamp

If the wire guide is not visible, clean inside the window with

Insert the tip of the wire into and through the wire guide and into the feed gears.

With the larger diameter of the reel upward and the tip of the wire aimed at the wire guide, place the reel into the magazine with the central hole fitting over the spindle.

Unhook and straighten out the tirst 50mm (2") of wire on

Press the release lever and ensure it cilicks into the release catch. This will unclamp the feed gears so any remaining

те тадагіле сочег юск сюскмізе ала орел те тадагіле

Place the tool down with the left side facing upward. Turn

cover, this exposes the wire reel and the release leven

we the wire reel and any remaining wire, and dispose

2450 Regents Court The C lihull B37 7YE

CIICK IS DESIG. (PIU)

reel fitting against the reel holder.

holder and dispose of it sensibly.

to teed into the wire guide.

#### Grasp the re-bar tier firmly with one hand while in operation The twisting action will pull the tool forwards. Use other hand for support, or to grip the reinforcing bar. e you

- Keep hands and body away from the working parts of the tool, and do not allow fingers to be caught between re-bars that are about to be tied.
- DO NOT put oil or grease on any part of the re-bar tier. 7. Never point the tool at anyone in close proximity; do not touch anyone with the tool. The twisting action of the tool could cause injury or damage.
- Do not leave the re-bar tier unattended put it somewhere
- 10. If the tool does not seem to work properly, or works without pressing the trigger, or if the tool smells of burning, do not use it. Switch off the main switch, lock the trigger, and remove the battery pack before contacting the hire evence.

#### CLEANING

- Lock the trigger, switch off and remove the battery before 1.
- Clean the operating parts (wire feed gears, feeder arm and curl bar housing, and wire reel housing) of the tool with either a low-pressure air gun, or a brush, every time the wire reel is changed, or when the tool needs cleaning.
- 3 Take sensible precautions if using an air gun, keep other wear goggles and face mask or use a dust control cabinet
- Clean the inside of the window (RB650 just below the curl guide) (RB392 / RB213 on top of the tool in front of the window again to keep with a soft cloth. Close the window again to keep dirt out.
- (RB392 / RB213 only) clean the sensor inside the reel housing with a soft cloth or a "cotton bud" every time the 5.

#### AT END OF WORK

- At the end of work, lock the trigger, switch off, remove the battery and the wire reel, then return the tool to its container and store it securely overnight. 1.
- 2. Please keep leaflet safe until work is finished





www.hae.org.uk

## ©Copyright Hire Association Europe April 2011

Any unauthorised reproduction – manually or electronically – is STRICTLY prohibited

·C

.S

1

-8

**'**9

.2

....

06988

suj

1001 MOLLOIN

vidiznes ti to

wire can be cut.

apo

81287 / RB213

O IOCK II:

e soft cloth (see cleaning).

уле сотралу.

иоле гие ряцецу раск

77

Useful Reference Points • www.hae.org.uk/businessguard

- Disc only the wire reels supplied, or recommended by the -1
- REPLACING WIRE REELS

ветоге спалділд тле wire reel – юск тле тіддег – switch от

- If the charger cable appears to be cut or damaged in any may, which off and unplug the ranger at the mains before inspecting it. If the cable is damaged, stop using the charger Contact the hire company. ÷
- 3 11. Take care not to accidentally pull the charger plug from the
  - iapoidxa 10. Do not attempt to recharge ordinary batteries. They will some types of pattenes.
  - loxic and flammable tumes are produced when charging circuits may overlaod and the batteries may explode.
  - The battery CANNOT be charged while it is still in use in the tool. DO NOT make any attempt to do so. The electrical -8
- NOTE. Keep hands clear. When switching on the main switch the tool will immediately initialise. If in doubt contact the hire company. the charger will vary depending upon the type of charger you are supplied with. Read and follow these instructions 11. Insert the battery pack.
- The warning lamps and operating instructions printed on ., 10. Close the magazine cover and turn the lock anticlockwise .ti utiw pailqqua time it is used. Reset the rod according to the instructions .6
  - Use the "IESI" button to check that the rod is working each -9 sulty.
  - otect you against electric shock if the cable or charger is Plug the residual current device (rcd) into the 230-volt socket. Plug the charger into the rcd. This will help to · · c
  - -2 anything that may prevent good ventilation Stand the charger in a safe place; do not cover it with
    - y from other people. Use of extension cables avoided. vs 9d blu
    - Charging should be carried out in a dry cool, well-ventilated and safe location with a suitable 230-volt socket 3
  - company and follow any instructions given by the hire Use only the correct charger as supplied by the hire 3
    - olug, or the charger unit. Ensure hands are dry before touching any electrical socket,
      - язрядно
      - sides of the dattery and pulling away from the tool. Remove the battery by squeezing in the latches on both
      - Before removing the battery from the tool, lock the trigger and switch the main switch to OFF.

# 2209 Safety Guidance

## Re-bar Tier RB392/RB213 and RB650

### **READ ENTIRE LEAFLET BEFORE USING RE-BAR TIER**

This leaflet nives s e RB650 is larg eneath the curl quide instructions generally refer to all three models. Where the guidance is specific to one model this will be indicated.

- ad and understand the section INITIALISING THE TOOL before switching on. 2 When charging the batteries remember electricity at 230-yolt and even at low yoltage can be
- The recharging in must always be used with great care. The rechargeable batteries in cordless tools may contain toxic chemicals take care
- 4. This re-bar tier is designed to tie reinforcing bar (re-bar) into the required framework quickly
- and easily. Do not use this tool for anything else. In use, this re-bar tier can cause injury or damage if not used in a careful and controlled way, 5.
- keep fingers and hands clear of the operating parts of the tool. If you have not used a re-bar tier before, familiarise yourself with its controls, then practise using the tool on some scrap re-bar before commencing on the main task.
- DO NOT allow any unauthorised person, especially children to touch or use this tool.
- Bo nor native any unautorised person, especially climiter to took in the training of each to the tool of the termining required: Goggles; Ear muffs or plugs giving protective equipment are the minimum required: 8.
  - 230 volt (mains) supply to charge the batteries This tool must not be used by minors, or by anyone under the influence of drugs or alcohol. This re-bar tier is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek
  - xpert advice before using it.
- WORK AREA
- Do not use this re-bar tier where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders ork while tying the re-2 Make sure that work area is as clear and safe as possible to ensure cle ar access around the re-ha
  - ars together. Check no-one is close by or could cause distraction while working.
- 3. 4 Protect other people from the possible noise and danger. Warn others to keep away.
- Do not use this re-bar tier in the rain or allow it to get wet.

#### **OPERATORS**

10.

- The following items of personal protective equipment (ppe) are the minimum that should be worn whenever using this machine. Particular jobs or environments may require a higher level of protection. Goggles must be worn when working with this machine. Goggles must have side-of-eye protection. This equipment is likely to cause noise levels up to 85 dB(A) appropriate ear muffs or plugs must be worn giving hearing protection for this level as a minimum. Gloves must be worn to protect hands whilst working with the re-bar tier. A seriful helmet meruparite the humon. One conclusion situate a believed must be worn. 1.
- 3.
- 5. A safety helmet may require to be worn. On construction sites a helmet must be worn. Safety boots with good ankle support and rigid sole / instep must be worn.
- 6.
- Anyone working close by will also need to wear appro Ensure a firm footing when operating the tool. (*PTO*) ropriate personal protective equipment.



effort has been made by HAE/EHA to ensure that the information given in this docun is accurate and not misleading. HAE/EHA cannot accept responsibility for any lo to have arisen from the use of any such document/material. Only Acts of Parliament have the force of law and only the source. bility p ent and Statutory Instruments have the force of law and only the courts can authoritatively interpret the law.



I ne need tor this action prevents the trigger being uniocked

The vigger can reasily be locked simply by operating the switch downwards, there is can't as slight resistance. To unlock the trigger, and then operate the switch operate towards the vigger, and then operate the switch operate the second the vigger.

will not tie, use this initialising procedure. DO NOT switch the main switch on and off in rapid succession, the tool will try to initialise each time and jam up.

During use, if the end of the wire becomes damaged and

work, or after a new reel of wire is fitted), the tool will re-vork, or after a new reel of wire is fitted), while see of scape wire is removed with plice hof to unlockuing the trigger function of the second second second second second for the second second second second second second for the second s

Each time the main switch is switched UN (e.g. at start of

Iways switch off when not in use and when cleaning, djusting, or replacing wire reels on the tool.

nain switch is located on top of the body of the tool

all the controls work – You must know what

on all three models. The small l.e.d. just behind the ma

This tool NUCL be oiled or lubricated in any way.

working loose or excess dust in the working parts and no small bits of wire jammed in the tool. Check the reefs of wire, patteres, and the charging unit. If anything is found damaged, do not use the re-bar tier -contact the hire company

Always store the tool with the trigger locked, the main switch 0FF and the battery removed. Check the fool before each use, check there are no screws

This is a precision tool; do not drop it on the ground, or

Do not switch on and off in rapid succession, the tool will

then cuts off) 50mm (2") of wire through the tying mechanism at the front of the tool. Keep hands and body clear.

Every time the tool is switched on it automatically teeds (and

Before switching the tool on the following must be read and understood.

no si nojiwe niem nanw sajenimulii nojiwe

опол со таке и зощений доех миона.

lock is located on the left side of the tool just

The trigger lock is located on the lett behind the trigger on all three models.

KIIPHIADIOOP

TRIGGER LOCK

3

·7

.4

31

·9

3

.s

3

HAIT HAH-AH

dn uml

evewlA Riteriter

HOTIWS NIAM

MOU U

courser the mile company.

Корали и го дег мег оц шладу.

**FHH**IRE GROUP

#### **3YT TEB Iludilos** The Crescent Birmingham Business Park noo sinegen uce vesociation ⊨urope

:lism3 :euoudeie

oberations

са шол

YAJTTAA

continue.

כחאד פחוחד

suonsolida

·g

÷ŧ

3

.s

·ι

- 1

3.

·7

ие ине сошрану

cessive charging.

supplied by the hire company.

TWIST GUIDE COVER (RB650 only)

amount of twist on the wire.

TORQUE DIAL / FEED DIAL

The curl guide on the RB650 is not adjustable.



A good, fully charged battery will last for 350 to 400 tying

DO NOT TRYOW AWAY OLD OF IERKING DATTERIES - FETURE TREM TO

The battery should be discharged as much as possible before recharging. If you repeatedly charge these Mickel-bald House Marker and the discharged, They develop a "memory effect" and only partly recharge.

Do not allow the batteries to get too hot either in the sun of

in use or on charge, it will protect the terminals from dirt, damage and a possible short circuit.

Always keep the battery cap on the battery pack when not

Use only the correct batteries for the equipment as

The twist guide cover is located between the teeder arm and the curl guide. The two thates are sprang based for remain in the closed position; they can be operated for inspection / cleaning. If the twist guide cover is open when the trigger is fulled, the tool will not operate but will emit a beging sound.

sound. Release the trigger and adjust the curl guide to

the tool's capacity (to try accommodate larger diameters of re- bar) the tool will not operate and will emit a beeping

(RB392 / RB213 only) if the curl guide is opened to exceed

Turning the feed dial (SBS) to a higher number increases the length of the wire that is ted through the tool. Use this dial to lengther or shorten the wire used to ensure an even the wire that wire the wire

Entry of the white bound of bound of the white being increases the amount of torque applied to the white the more cause the white thes to specific as they are pulled the object the knob start joclowise to reduce the torque. The RB650 has a value setting, which may prove satisfactory for most instand the setting which may prove satisfactory for most supplications.

Turning the torque dial (RB650 / RB392) clockwise

just behind the main switch. On the RB650 and the RB392 it is a torque dial. On the RB13 it is a feed dial.

There is a control knob located on top of all three