

RYOBI.



**TOOLS YOU'LL
WANT TO USE**

A CUT ABOVE

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CRICKET SET PROJECT LEVEL BRONZE

It's time to cut your grass, get the stains out of your whites, and practice your spin – it's time for park cricket. So round up the kids, the neighbour's kids and the adults who still think they're kids, and get into gear. You could be standing in the crease ready to face your first ball in just a couple of hours. Just make sure you don't get out for a duck.

TOOLS YOU'LL NEED



CRICKET SET

PROJECT LEVEL BRONZE



BAT

1. Cut to shape

Secure the material in a vice and mark out the shape of the handle and toe. Cut to shape using a jigsaw on the waste side of the line. **Ryobi's tip:** Slow the speed down and reduce the pendulum setting for added control.



2. Shaping

Mark a parallel line on both edges 15mm from the face side and a centre line down the back of the bat. Remove the waste material by making several passes with a plane until the correct angle from the centre line to edge thickness is achieved.



3. Fine tuning

A belt sander fitted with a 120 grit belt is ideal to remove any machine marks left by the plane. Slightly taper the toe of the bat for that 'authentic' look.



4. Get a grip

The square corners of the handle may be rounded over with a radius cutter fitted to a router or trimmer. However the softness of the pine is easily rounded over with a Random orbit sander and 120-grit abrasive.

CUTTING LIST

ITEM	MATERIAL	SIZE L x W x T	NO.
Bat	Pine	730 x 90 x 30	1
Stumps	Pine dowel	700 x 30mm (diameter)	3
Base block	Pine	280 x 90 x 45	1
Bails	Pine dowel	95 x 16mm (diameter)	2

MATERIAL LIST

MATERIAL	SIZE (MM)	NO.	UNIT COST	TOTAL COST
Pine	900 x 90 x 30	1	16.30	16.30
Pine dowel	2400 x 30	1	26.11	26.11
Pine dowel	900 x 16	1	3.51	3.51
pine	900 x 90 x 45	1	4.20	4.20
TOTAL				50.12

TOOL LIST

Cordless drill driver
 Mitre saw
 Tape measure
 16 and 30mm spade bits
 Combination square
 Belt sander
 Random orbit sander
 Planer
 Jigsaw
 PPE (personal protective equipment)

CRICKET SET



STUMPS

5. Stump holder

Draw a centre line along the block. Measure and mark from one end 60mm, 140mm and 220mm. Using a 30mm spade bit, drill a hole to a depth of 25mm at each intersection.



6. Bail recess

Drill a 16mm diameter hole, 700mm from both ends of the 30mm dowel. Ensure the dowel is held securely in a vice. **Ryobi's tip:** Drilling from one side just until the point of the spade bit protrudes, then completing the drilling from the opposite side, will prevent breakout.

9. Round up the Kids & let the game begin

Apply two to three coats of oil or clear Estapol to protect from the weather or a paint finish to replicate the 'real McCoy'. Sand lightly between coats with 240-grit abrasive paper.



7. Stumps

Cut each stump to a total length of 700mm. **Ryobi's tip:** By positioning the blade of the mitre saw directly over the centre of the hole will produce identical recesses for the bails. Hammer the stumps into the base block with a rubber mallet or, alternatively, a hammer. If you use a hammer, be sure to protect the bail recess with a scrap piece of timber.



8. Finishing

Cut two pieces of 16mm diameter dowel to 95mm for the bails, remove the sharp edges with a cork block and abrasive paper, round up the kids and you're ready for the morning session of the parkland test match.