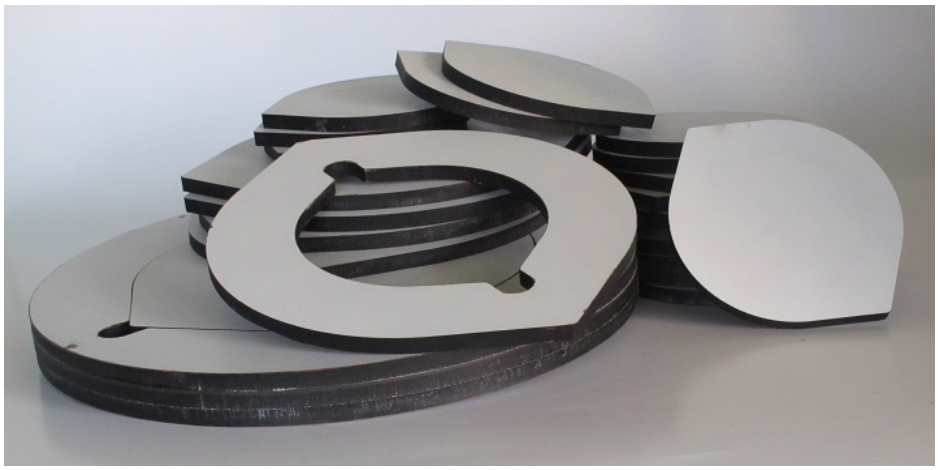
Information and Instructions



Introduction

Thankyou for buying a set of "Easybats". I hope you'll enjoy using them for many years, that they'll become an integral part of your ceramics process and that your throwing will benefit from working with them.

The idea for Easybats came in a discussion with my friends in Eltham. We were frustrated by the need to re-centre our work on the wheel for trimming, further throwing or decorating and we realised that laser cut bats that fit into a form that stays on the wheel would be a good solution. Using a computer design system and laser cutting equipment I made up one set that we could all use.

A number of suggestions were made about how to improve the system – to make it more accurate, more comfortable and more easy to use – and these were incorporated into the next version. Five of those friends then bought a set for themselves.

We then set about thinking of a way to make Easybats more 'portable' – so they could be fitted accurately to different wheel heads. The problem is that people may use a variety of wheels – and they all seem to have slightly different size wheel heads. A so called 13" wheel head could be + or – ¼" and I was sure this issue would haunt me so I needed to devise a solution.
The spiral 'Jaws' were the answer – allowing Easybats to fit very accurately to a wide variety of wheels with heads from 288mm (11 6/16") up to 356mm (14")

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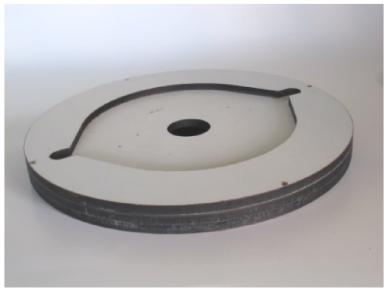
Unpacking

Please check the contents of your Easybats starter set.

You should have :-

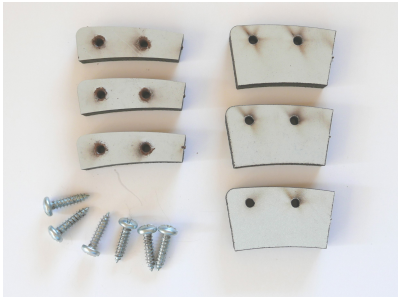
1 x Base unit.



1 x Bag containing

6 Jaws (3 Large + 3 Small)

6 Screws.

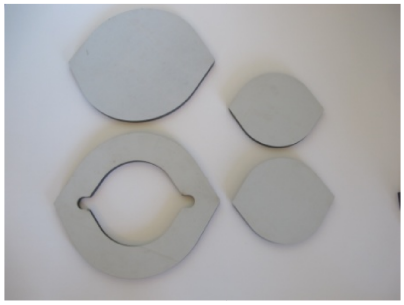


1 x Bag containing :-

1 x Large Bat = 240mm

1 x Conversion Unit = 240mm.

2 x Small Bats = 140mm



Instruction leaflet.

Assembly

Assembling the Easybat system should take just a few minutes.
You will need a tape measure and a medium sized screwdriver (Straight head or Cross head is OK).

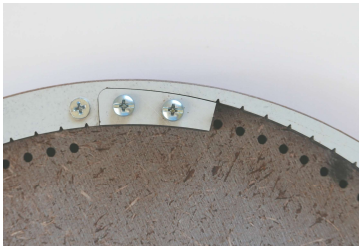
1) Measure the diameter of your wheel head.

2) Choose the appropriate size Jaws according to the chart at the end of these instructions.

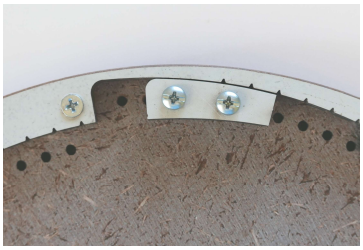
   Wheel size 320mm to 353mm will use the Small Jaws.
   Wheel size 288mm to 325mm will use the Large Jaws.

3) Find the appropriate position for the Jaws according to the chart.

   e.g. A wheel with diameter 350mm (e.g.Shimpo) will use the Small Jaws – in position 4.
   A wheel with diameter 338mm (e.g.Venco Electronic) will use the Small Jaws – in position 13.
   A wheel with diameter 300mm will use the Large Jaws – in position 21.


Position 1


Position 2

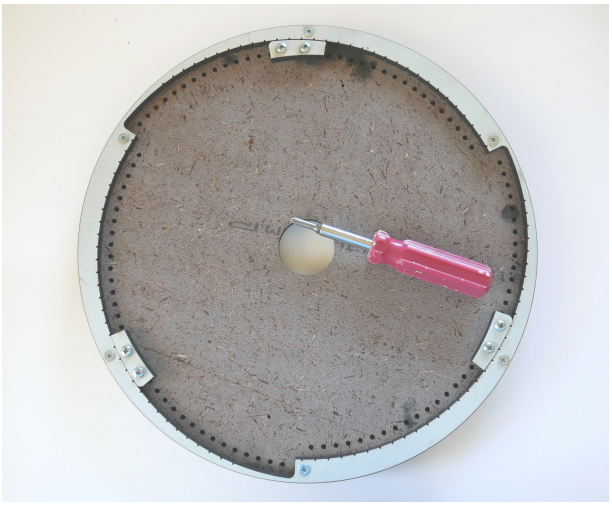

Position 3

Note how the notches indicate Position 1,2,3 etc up to position 31.


Small Jaws in Position '31'.

4) Position the Jaws carefully in the right position – counting positions from the largest available position towards the smaller diameter.

Insert the screws – no need to overtighten them. Make sure all 3 Jaws are in matching positions – otherwise your Easybats will not be centred correctly on the wheel head.



The Small Jaws in 'position 15' to fit a 336mm wheel.

5) Place your Easybats onto your wheel and check the fit.

It should be snug and should slide over the wheel without force.
If it's too tight - simply move all 3 jaws to the next (larger) position and try again.
If you can feel movement (more than 1mm) – you can move the 3 jaws to the next (smaller) position.

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6) Spin the wheel head and check that everything runs ‘true’.

Note – The base should be attached firmly enough for most throwing work now – but if you find it slides too easily you can make it more firm using a little clay between the base unit and the wheel head.

Alternatively – For more permanent or heavy duty attachment – you can ‘drill and tap’ the Easybats and the wheel head and screw them together. Pilot holes are provided in the Easybats base unit to help with this – but the tools and specific instructions are not included here. Please call us if you need help – we’d be happy to hear from you.

The pilot hole ready to drill the Easybats and the wheel head for more permanent attachment.

You’re ready to go now

Using the Large 240mm bats – for medium and large size bowls etc... Just insert the bat carefully into the base unit. It should fit nicely without force.

A little movement is normal – this clearance is required so you can insert and remove the bat.
Sometimes you may ‘feel’ this movement when you are throwing the first piece of the day and everything is ‘dry’. In this case it may be useful to spread a little slurry underneath the bat insert which will create suction to hold the bat more firmly.

Using the Small Bats – First insert the ‘Conversion Unit’ into the base unit – then insert a small bat in the same way as described above.

When you want to remove the bat from the base – you can slip your finger into the holes provided and lift the bat up with your work in place still attached. If the bat is stiff – or the work piece is heavy – you can use a tool (knife, spoon handle, screw driver etc…) to lever the bat out of the base on one side or both sides as required.

Extra large ‘Supersize’ bats are available in sizes 340mm and 580mm for larger work and really huge work.

Care for your Easybats.

Easybats should last for ages.
They are laser cut for precision and are made from an outdoor particle board which is guaranteed for 25 years against the weather. (It's all natural, it's made in Australia, and it's 'better than carbon neutral' too).
They are not easy to damage but a little respect will help them to stay good.
Simply wash them in water after use – either cool or warm – and allow them to dry by draining or wiping them with a towel.
Store them indoors and protect them from extreme conditions.
We recommend you don't soak them for too long – an hour is ok – but overnight is not recommended.
Extreme heat is not recommended – e.g. we suggest you don't keep them permanently in your car if the car could become hot. Avoid very sunny window ledges.

Easybats Jaws Position Chart.

Wheel	Size		Jaw Size	Position
mm	Inches			
353	13 14/16		Small	1
352	13 14/16		Small	2
351	13 13/16		Small	3
350	13 12/16		Small	4
348	13 11/16		Small	5
347	13 11/16		Small	6
346	13 10/16		Small	7
345	13 9/16		Small	8
343	13 8/16		Small	9
342	13 8/16		Small	10
341	13 7/16		Small	11
340	13 6/16		Small	12
338	13 5/16		Small	13
337	13 4/16		Small	14
336	13 4/16		Small	15
335	13 3/16		Small	16
334	13 2/16		Small	17
333	13 2/16		Small	18
332	13 1/16		Small	19
331	13 1/16		Small	20
330	13		Small	21
329	12 15/16		Small	22
328	12 15/16		Small	23
327	12 14/16		Small	24
326	12 13/16		Small	25
325	12 13/16		Small	26
324	12 12/16		Small	27
323	12 11/16		Small	28
322	12 11/16		Small	29
321	12 10/16		Small	30
320	12 10/16		Small	31

Wheel	Size		Jaw Size	Position
mm	Inches			
323	12 11/16		Large	1
322	12 11/16		Large	2
320	12 10/16		Large	3
319	12 9/16		Large	4
318	12 8/16		Large	5
317	12 7/16		Large	6
315	12 7/16		Large	7
314	12 6/16		Large	8
313	12 5/16		Large	9
312	12 4/16		Large	10
310	12 4/16		Large	11
309	12 3/16		Large	12
308	12 2/16		Large	13
307	12 1/16		Large	14
306	12		Large	15
305	12		Large	16
304	11 15/16		Large	17
303	11 15/16		Large	18
302	11 14/16		Large	19
301	11 13/16		Large	20
300	11 13/16		Large	21
299	11 12/16		Large	22
298	11 11/16		Large	23
297	11 11/16		Large	24
296	11 10/16		Large	25
295	11 10/16		Large	26
294	11 9/16		Large	27
293	11 8/16		Large	28
292	11 8/16		Large	29
291	11 7/16		Large	30
290	11 6/16		Large	31

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