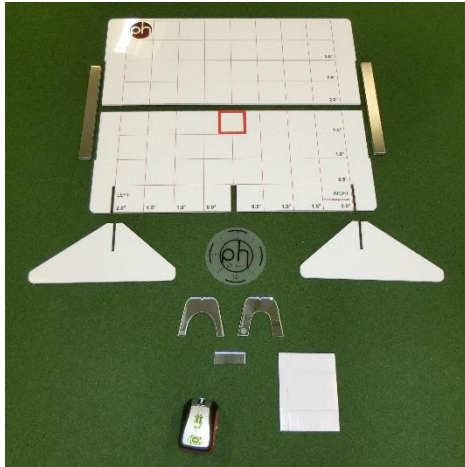




PH Aim Board Set-up Instructions



Pictured are all the items included with the PH Aim Board:

- Top and bottom sections of the Aim Board - these are connected using the two metal plates.
- Two legs which slot into the bottom half of the Aim Board.
- Ghost Hole to be placed 42cm (16.5 inches) in front of the Aim Board.
- Three types of Mirror; rectangular aim mirror, easier putting mirror with a larger gap on the face, and a putting mirror with a smaller gap on the face (Advanced Level – making sure you are still finding the middle of the putter. i.e.; no toe or heel strikes).
- Adhesive strips to attach the mirrors to the putter face.



- For the degrees of face angle misalignment to be displayed accurately on the PH Aim Board the ghost hole must first be placed 42 cm (16.5 inches) in front of the Aim Board (to the centre of the hole), AND the putt taken from 8ft!
- The laser is positioned behind the PH Aim Board, pointing through the gap in the centre of the board.



The ball should then be positioned in line with the laser. This should also be aligned with the centre of the ghost hole and the slot in the middle of the backboard. This should be 244 cm (8 feet) back from the centre of the ghost hole.



- Attach the mirror on to your chosen putter using the adhesive strips. The rectangular mirror is for practicing your face alignment without the ball (coach to check your alignment). Once you feel you have your putter alignment sorted, move on to the arched mirrors and try hitting some putts!
- You are not allowed to start the backswing until the reflection is in the red box!



- This putter positioning shows that the effective loft of the putter is correct (1.5° - height of the laser), however the putter face is 1° closed (laser left of the target).



- This putter positioning is perfect - the putter face is square to the hole with the correct effective loft.



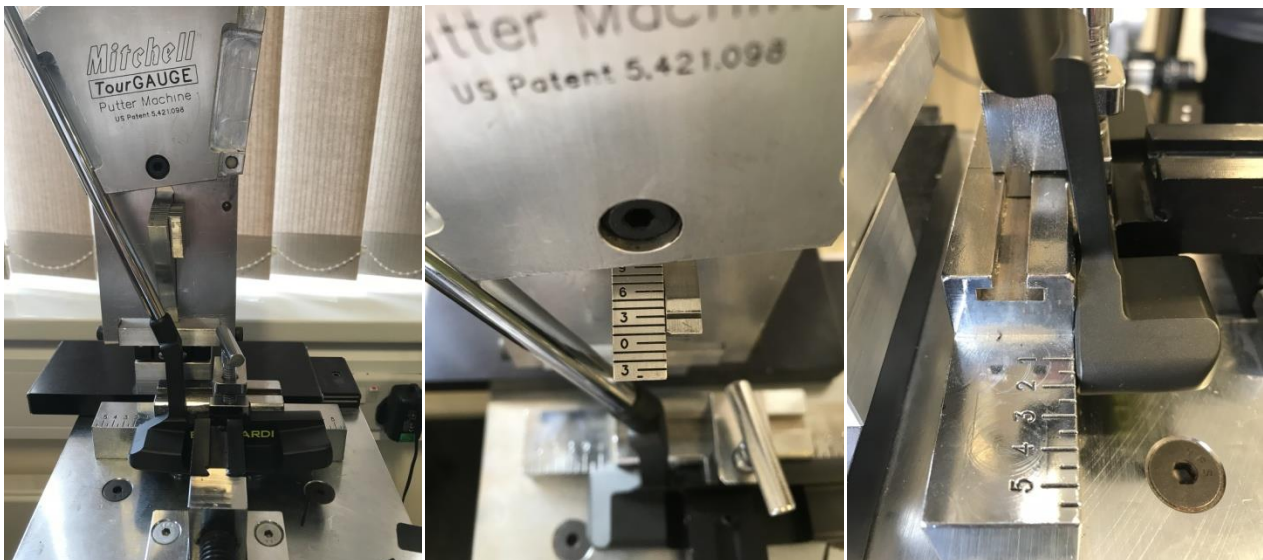
Why does your putter loft matter?

Research into the ideal launch angle of the golf ball using the Quintic Ball Roll system has found that the dynamic loft at impact ideally needs to be around 1.5° – 2° in order to produce a launch angle of between 1.5° and 2° . Impact location can affect the launch angle value (high or low on the face) but essentially, the dynamic loft at impact is very close to the launch angle of the golf ball.

So, if you are a player who likes the shaft of the putter vertical at address, and often sees the ball bouncing and bumping its way along the putting surface, rather than blame the green keeper, have the static loft of your putter measured instead - you may well be surprised by the amount of effective loft you are presenting at impact...

Do you know the static loft of your putter?

Static Loft – must be measured by the means of a loft and lie machine, It measures the loft angle of the putter face relative to the shaft angle being vertical (90 degrees). The below image shows a putter with 3 degrees static loft.





Static Loft + Shaft Angle = Effective Loft

	2° Shaft Angle	Vertical Putter	-2° Shaft Angle	-4° Shaft Angle
-2° Static Loft	Effective Loft 0°	Effective Loft -2°	Effective Loft -4°	Effective Loft -6°
0° Static Loft	Effective Loft 2°	Effective Loft 0°	Effective Loft -2°	Effective Loft -4°
2° Static Loft	Effective Loft 4°	Effective Loft 2°	Effective Loft 0°	Effective Loft -2°
4° Static Loft	Effective Loft 6°	Effective Loft 4°	Effective Loft 2°	Effective Loft 0°

Static Loft	Effective Loft when the Shaft Angle is (degrees)									
	+2	1	0	-1	-2	-3	-4	-5	-6	
-2	0	-1	-2	-3	-4	-5	-6	-7	-8	
-1	1	0	-1	-2	-3	-4	-5	-6	-7	
0	2	1	0	-1	-2	-3	-4	-5	-6	
1	3	2	1	0	-1	-2	-3	-4	-5	
2	4	3	2	1	0	-1	-2	-3	-4	
3	5	4	3	2	1	0	-1	-2	-3	
4	6	5	4	3	2	1	0	-1	-2	
5	7	6	5	4	3	2	1	0	-1	
6	8	7	6	5	4	3	2	1	0	
7	9	8	7	6	5	4	3	2	1	
8	10	9	8	7	6	5	4	3	2	

You want your effective loft to be 2 degrees at impact....