



ESTIU SPORT[®]

C/ Profesor Ángel Lacalle, 16 - 46014 Valencia

Tel. 96 358 06 84

Fax. 96 377 81 94

info@estiusport.com

<http://www.estiusport.com>

THE NEW BOWDRY



The new drum has a welded axle shaft.



Foaming a drum by hand.
First make sure the drum is
clear of loose foam particles.



Spray adhesive all over the foam



Spray adhesive all
over the drum.



Now for the second
coat of adhesive
on the foam.



Ensure both ends are also sprayed

This shows the drum
after spraying with
adhesive.



Then leave to dry so
it is just tacky to the
touch for at least
10 minutes.





After another coat of adhesive we are ready to roll the drum on to the foam. Make sure it is lined up correctly!



See the 25mm overlap before the final fitting.



At the Bowcom factory we have a special table to help us put foams on Bowdrys quickly and accurately.



We still need to ensure both foam and drum have two coats of glue.



Press down on the drum as it is rolled forward on the foam.

Press the ends of the foam together.



On the Bowcom table the height of the drum and the edge of the foam are set up so that the tension of the foam is correct.



Ensure pressure is even and the foam and drum are straight

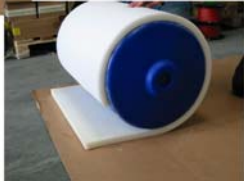


Squeeze the ends together with finger and thumb then press down the foam all over the drum especially the sides and edges.



The guide arm ensures the drum follows the

When the foam is nearly completely round the drum there should be a 25mm overlap



At the Bowcom factory we still ensure that tension is maintained.

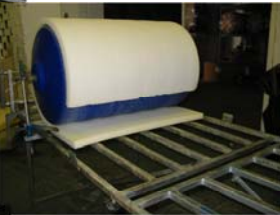


After foaming press the drum between the chassis arms.



The last adjustment is the most important for all users of the Bowdry. Ensure the foam is only squeezed 25% maximum by the roller bar. The star wheels at each end of the roller bar make this easy to set up across the whole width.

The drum is rolled over the foam with downward pressure exerted.



The ends of the foam are fixed together then foam is pressed down all over the drum - concentrating on the edges.

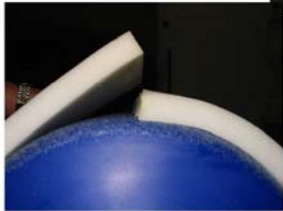


The axle rod then pushes easily through the arms and drum.

First one side then the other making sure the foam is not damaged!



Tighten the dome nut



The 25mm overlap is created at the ends.



There is no advantage to over squeezing the foam - instead the Bowdry is harder to push and the foam wears out too fast. There is no gain in efficiency!

So the ends of the foam lock

