

THE ROLLER DUMP MAT

The Roller Dump Mat is designed to prevent any damage to a green or rink when a bowl is driven or dumped onto the playing surface of a grass green during the delivery of a bowl. The mat protects the playing surface by cushioning the impact of a bowl and allows the bowl to continue on its natural course without any defects or damage to the green.

The mat has many characteristics in its design for efficiency in the laying out and rolling up in of the mat which can be also changed from a forehand delivery to a backhand delivery by rolling the mat over to the opposite side of the rink.

The mat has a straight edge which should be lined up to the center line of the rink with the smaller width of the mat at the mat end. The wider width of the mat is the leading edge in which the rolling up or retrieving of the mat begins from this point. The mat can be rolled up from both sides and should be aligned from the wider end of the mat being the leading edge which is much more favorable for relaying and storage purposes overall.

FIG: A

Diagram A illustrates the structure of the frame where the roller is temporarily inserted into the plastic tubing with the extended handle or shaft attached.

The tube itself has Velcro attached to its frame at various points for the purpose of laying out and retrieving of the mat and for storage purposes as well.

The roller and handle are of one unit and can be withdrawn from the tube for stowage purposes as shown in figure C.

FIG: B

The rolling out and retrieving of the mat should be approached as illustrated in diagram B for efficiency in the use of the mat and for storage purposes.

Velcro is also attached onto specific areas of the mat as indicated in the diagram and should be adhered to at all times for an efficient laying and retrieving of the mat. Velcro is also attached to the mat on both sides for both forehand and backhand deliveries by rolling the mat over and line up the straight edge to the center line, also the mat can be retrieved without delay by the correct alignment as illustrated.

Once the mat is rolled onto the roller frame it can be carried to the opposite end without delay as illustrated in diagram C.

FIG: C

Indicates the stowage assembly when the mat has been rolled onto the plastic tubing the roller and handle being one unit is withdrawn from the tube then the shaft of the roller be fully inserted into the tube leaving the roller itself exposed. The rolled up mat is secured by the Velcro strap provided in which the complete unit is neatly prepared for stowage and preparation for reuse without any defects compared in being folded up. Once the mat has been laid the shaft of the roller can be inserted into the tube and placed onto the bowls rest, bank, or out of harms way.

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FIG: A

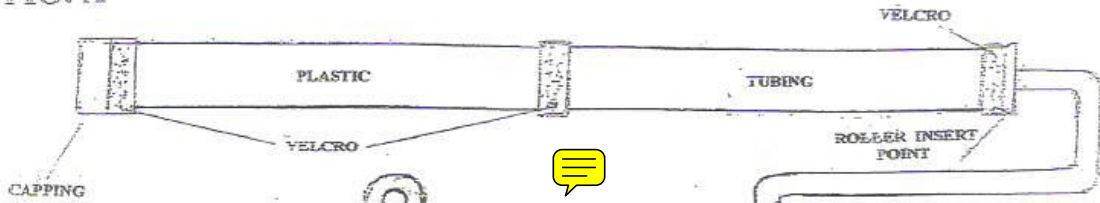


FIG: B

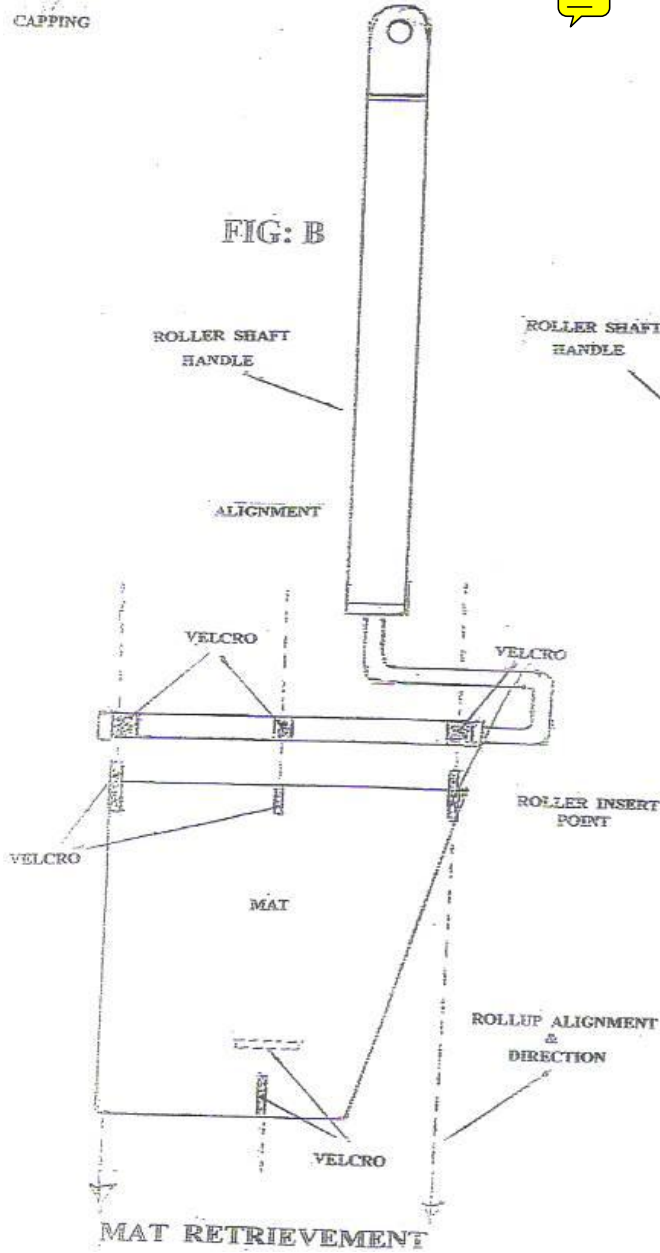
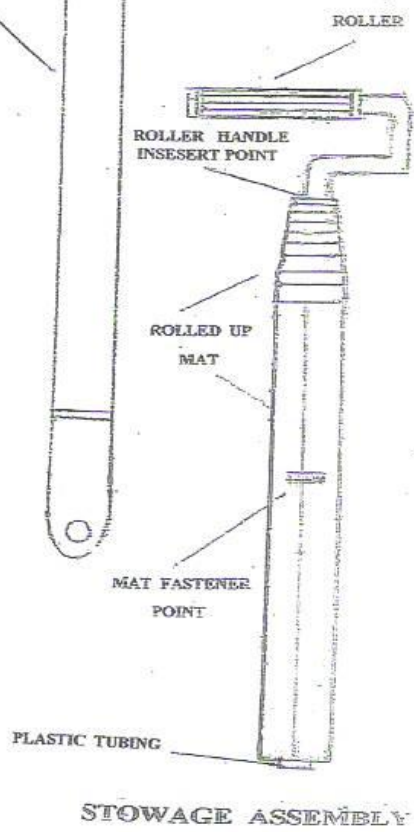


FIG: C



STORAGE ASSEMBLY