



MODEL 146

The auto-cut splicer for higher-count synthetics, up to 2500 tex.

The Model 146 continues the theme set by the Model 145 – providing auto-cutting for splicing large yarns. Higher yarn counts demand a longer splice length, if adequate strength is to be maintained. This can be done easily using splicers with no built-in cutters such as the 143. However, expanding a splicer such as Airbond's old Model 111, to make a long splice with automatic cutting, led to an unacceptably heavy and bulky product. The consequence was that users were forced to switch to a manual-cut splicer – such as the 143 or 701 - once counts exceeded 2500.

The Model 145 already splices up to around 1800 tex, using wider-spaced cutters and a longer splicing chamber. That approach has its limitations; it would be good to go further, to counts around 2400 tex, while retaining acceptable size and weight. The result is the Model 146; its knives are 60 mm apart, and there are two splicing chambers. The splicer is slightly bigger than before, but it is manageable. That's because weight has been kept acceptable by using 3d printing technology.

Splice format: Ends opposed.
 Applications: Composites processes such as filament winding, pultrusion, and weaving.
 Yarns: Carbon fibre, glass fibre, aramid, Panox, synthetic C.F.
 Yarn counts: Up to 2500 tex.
 Twist: Zero or low twist

Airbond, Unit 1, Pavilion Industrial Estate
 Pontypool, NP4 6NF, UK
 +44 1495 755661
enquiries@airbondsplicer.com



airbond

An ISO 9001:2015 company
 An ISO 14001:2015 company

Outil pour épissage des fibres pour des applications industrielles. Disponible dans de nombreux formats.
 Forme d'épissure "extrémités opposées"
 Simple, solide et facile à réparer.
 Disponible avec contrôle de débit. Disponible avec minuterie de durée.
 Bon pour la plupart des processus composites.
 Bon pour tous les synthétiques, y compris le carbone et le verre. Jusqu'à environ 2500 tex

Werkzeug zum Spleißen von Fasern für industrielle Anwendungen. In vielen Formaten erhältlich.
 Spleißform "Enden entgegengesetzt"
 Einfach, stark und leicht zu reparieren.
 Erhältlich mit Durchflussregelung. Verfügbar mit Dauer-Timer.
 Gut für die meisten Verbundprozesse.
 Gut für alle Kunststoffe einschließlich Kohlenstoff und Glas. Bis zu ca. 2500 tex

Strumento che unisce di fibre per applicazioni industriali. Disponibile in molti formati
 Metodo di giunzione "Fine opposto"
 Semplice, resistente e facile da riparare.
 Disponibile con controllo di flusso. Disponibile con timer di durata.
 Buono per la maggior parte dei processi compositi.
 Buono per tutti i sintetici tra cui carbonio e vetro. Fino a circa 2500 tex

Herramienta para empalme de fibras para aplicaciones industriales. Disponible en muchos formatos.
 Forma de empalme "extremos opuestos"
 Simple, fuerte y fácil de reparar.
 Disponible con control de flujo. Disponible con temporizador de duración.
 Bueno para la mayoría de los procesos composites modernos
 Bueno para todos los sintéticos, incluidos el carbono y el vidrio. Hasta aproximadamente 2500 tex

産業用アプリケーション用の繊維をスプライスするためのツールです。
 スプライスフォーム「両端反対」
 シンプルで丈夫で、修理も簡単。
 フロー制御で利用できます。継続時間タイマーで利用できます。
 最新の複合材プロセスに最適です。
 カーボンやガラスを含むすべての合成繊維に適しています。最大約2500 tex

用于工业应用拼接纤维的工具。
 拼接形式“两端相反”
 简单·坚固且易于维修。
 可以提供流量控制。可以提供持续时间计时器。
 适用于大多数现代复合材料工艺。
 适用于所有合成纤维·包括碳和玻璃。高达约2500 tex



airbond

An ISO 9001:2015 company

An ISO 14001:2015 company