

## Creel Specification

### TC-F-C & TB-F-C (Creels for unrolling of tire cord yarn into single cord treatment lines)

The TC-F-C & TB-F-C creels are a patented design for unrolling tire cord at a higher speed from both random and precision cross wound cheeses and flanged bobbins. The creel is equipped with a unique system for mechanical tension compensation and quick stop braking.

<b>Process</b>	High speed unrolling of tire cord yarn, typically into single cord treatment lines
<b>Typical Speed</b>	Up to 350m/min, subject to yarn and package quality
<b>Unwinding</b>	Type : Unrolling Yarn Path : Horizontal between rows of packages
<b>Typical Arrangement</b>	Rows High : 4 or 5 No. of sections : 1 double sided (with outside yarn sheet) or 2 single sided (with inside yarn sheet)
<b>Packages</b>	Type : Cheeses, wound on parallel sided tubes Max. Dia. : 310mm (12") Max. Weight : 15kgs (33lbs)
<b>Mobile Features</b>	Optional on lockable swivel castors Centrally adjustable tension system. Quick stopping without over tensioning the cords. Tension compensation during unwinding for optimum control.
<b>Options</b>	Available as a hybrid creel with quick change adaptors for running either cheeses or flanged bobbins.

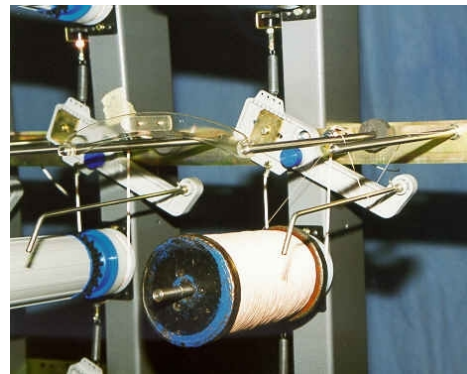
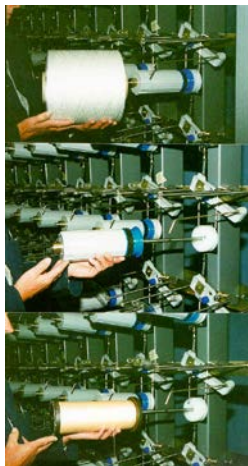
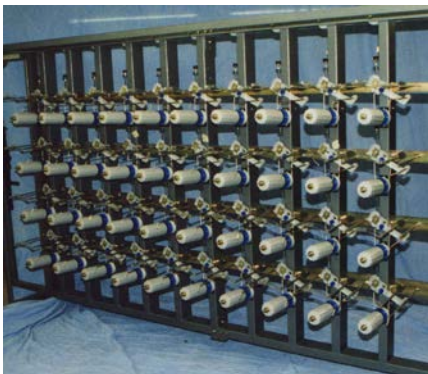
**Specification can be varied to suit any requirement**

#### Optional extras:

End break detection systems – beam type  
End break detection systems – dropper type

Fixed and vari-width condenser boards

Combs



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