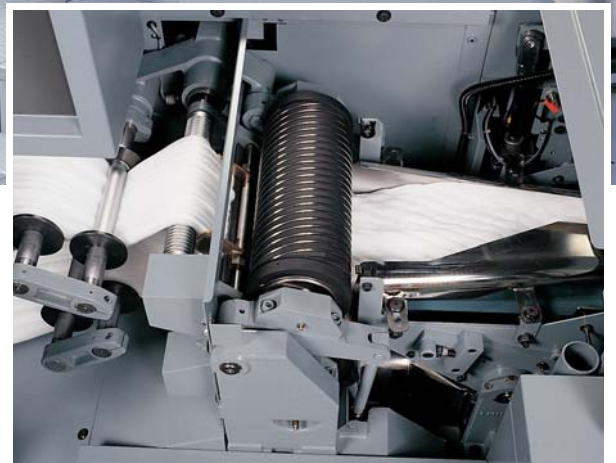


TT12 converter



Adjustable cutting device

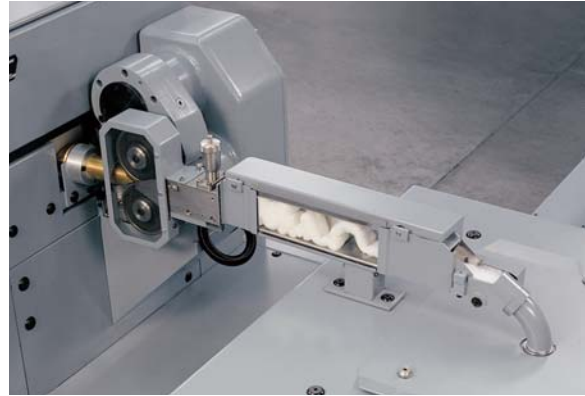
- The crush cutting precision in converting of tows of polyester, polyamide or polypropylene filaments
- The fibres characteristics are kept (crimp, resistance, lengthening, dyability)
- The oblique diagram can easily be modified and reproduced
- The short fibre and waste percentages are very low
- Productive, simple to use and safe, the TT12 converter produces a quality sliver
- Delivery speed up to 300m/min.



The GC drafting head stands out by an optimal accessibility for service and maintenance.



Feed creel with tow supervision.



Crimping box

The crimping box produces a compact and resistant sliver.

TT12 converter

Technical characteristics*

Use	Crush cutting converting of chemical filaments tows of 50 to 120ktx presented in boxes or in bales	GC faller pinning	4 round pins n° 16 /cm 1/3 penetration
Filament fineness	1.3 to 17dtex	Pinned width on GC drafting head	270mm
Alimentation	Creel with tow spreading-out system	GC pinned field depth	200mm
Input load	Maxi. 240ktx	GC draft cylinders	Ø 30 / 62.5mm - Pressure Ø 80mm
Delivery	1 can Ø 1,000mm, height 1,200mm single end Automatic doffing with square motions	Pneumatic pressure on GC draft cylinders	400daN maxi
Filament separating set	Steel cylinder Ø 100mm Rubber cylinder Ø 130mm Pneumatic pressure at 4 bars: 17daN/cm	Nip distance GC pinned field to draft cylinders	32mm
Feeding set	Twin cylinders Ø 100/100mm Coated cylinder Ø 130mm Pneumatic pressure at 4bars: 12.5 daN/cm	Distance GC feed to draft cylinders	336mm
Cutting device	Steel anvil cylinder Ø 193mm Cutting roller Ø mini 156mm, maxi 168mm Pneumatic pressure: from 700daN for 3bars to 920daN for 4.4 bars	Pre-draft on GC	1.3 to 2.5
Cutting roller pitch	75, 88 or 105mm	GC mechanical draft	4.5 to 7.4 by 5% increment
Hauteur diagram variation	CV (H) up to 35%	First calenderer with pneumatic pressure	Bottom Ø 80mm - Top Ø 80mm
Drafting head	GC chain gill	Crimping box calenderer	Bottom Ø 114mm - Top Ø114mm Pressure: 200daN
Delivery speed	Up to 300m/min according to the material	Crimping box	Shutter adjustable by spring
Delivery weight	15 to 25ktx	Noise level	Below 85dB (A)
GC head feeding	By conveyor and pressure cylinders	Compressed air	Should be dry, free from water and oil traces Pressure: 6 bars Instantaneous consumption: about 20Nm ³ /h Average consumption: about 10Nm ³ /h
GC twin feed cylinders	Ø 80 and 30mm	Main motor	Asynchronous with frequency inverter
Pneumatic pressure on GC twin feed cylinders	At 4 bars: 80daN	Main motor power	18.5kW - 1,500rpm at 50 Hz
Number of fallers on GC	144	Suction motor power	3kW
		Servo motor total power	3.5kW
		Total installed power	About 27kW
		Net weight	8150kg
		Volume	46m ³

*Subject to modifications

 www.nsc-fibretoyarn.com

n. schlumberger

170, RUE DE LA RÉPUBLIQUE
BP 79 - 68502 GUEBWILLER CEDEX (France)

TEL. +33 (0)3 89 74 41 41
FAX +33 (0)3 89 74 40 63

nsc@nsc.fr

nsc
fibre to yarn