



Technical characteristics / GC50

Uses	Converting – stretch breaking – defelting after dyeing – blending - combing – recombining spinning preparation – semi-worsted process for wool, long staple synthetic fibres and flax tow
Feeding	Cans or balls creel Can Ø 400, 500, 600, 700, 800 / Height 1000 or 1200mm Can Ø 1000, 1200 / Height 1200 or 1400 mm Can Ø 1400, 1600 mm / Height 1200 or 1400 mm Balls Ø 600 x 530 mm
Number of heads	1
Delivery	Into single or double end cans with manual or automatic doffing Or onto 1 or 2 single end balls with automatic doffing Bump press of Ø 400mm or 800 mm
Delivery speed	Maxi 600 m/min (cans) according to delivery type. Maxi 400 m/min (balls)
Feeding linear speed	Up to 100 m/min, including autoleveller, according to processed material
Input load	Up to 350 ktex according to material
Pinning – Round pins	3 or 4 per cm, 1/3 penetration
Pinning – Flat pin	4 to 9 pins per cm, 1/1 penetration
Number of fallers	2 x 72
Number of working fallers	2 x 22
Pinned field depth	200 mm
Pinned width	270 mm
Chain pitch	9.525 mm
Pins projection	14 mm
Draft	3 to 12
Nip distance	32 to 65 mm
Top feed cylinders	Ø 80 mm
Feed cylinders	Ø 62.5 mm
Draft cylinders	Ø 30/67.5 mm Top draft cylinder 80 mm
Distance feed/draft cylinders	392.5 to 425.5 mm
Pressure on draft cylinders	Up to 400 daN
Calandering rollers	Ø 65 mm (bottom) – 80 mm (top)
Autoleveller range	– 30 % to + 20 %
Compressed air	Should be dry, free from water and oil traces Pressure: 6 bars Average Consumption: 13 Nm ³ /h
Main motor power	27.5 kW
Total installed power	32 kW maximum, according to the options
Approx. machine net weight	Without delivery, creel 1600 kg

*All solutions and technical data subject to change. Performance depends on running configurations, applications and fibres.