

Autodraw DL.

Economical 2-heads draw frame with autolevelling in compact design

The new Autodraw DL is a double head draw frame with autolevelling system. Alone or in combination with the new Autodraw D pre-draw frame, it provides the perfect sliver for all spinning processes. The autolevelling system of the Autodraw DL meets the highest quality requirements. It produces a drawframe sliver, whose characteristics are perfectly optimized for the further processing steps in the spinning mill.



Autodraw DL – Valued pre spinning

Saurer pre-spinning is the foundation of the Zinser Ring Spinning and Schlafhorst Open End Systems. The flexible portfolio offers the right solutions for preparation of all kinds of fibres for the subsequent processes. The right combination of blowroom, carding and draw frame ensures excellent fiber utilization and sliver quality for high efficiency and yarn quality in spinning.

For all raw material qualities and fibers – whether cotton, viscose, man-made fibers or blends – the Autodraw DL achieves benchmark quality.

Features and benefits

→ Compact design with 2 independently autolevelling heads

- Two autolevelling headed lines save space and can be flexibly integrated into the downstream spinning production.
- 4 rows of up to 8+8 feeding cans.
- Controlled by pneumatic cylinder rods.

→ Autoregulation of USTER

- Proven autolevelling system of USTER can be independently operated on both side for excellent sliver quality, without influence with each other.
- Sliver quality precisely monitored by T&G sensor for feeding sliver scanning and FP sensor for delivery sliver.
- 2 sets of 4 over 3 drafting systems with pressure bar.

SAURER.

→ Front in / out sliver can changer

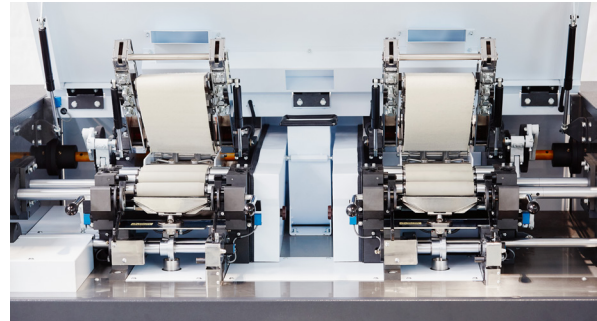
- Can changer works automatically according to the front-in / front-out procedure.
- Standard 4 empty cans (up to 8 cans optional)
- In floor installation.

→ Separate control of regulation via touchscreens

- Equipped with Saurer 7 inch colorful touch screen.
- With 2 separate display screens for each head autolevelling systems, the staff can easily and simply operate the individual head and control all important performance parameters directly on the machine.

→ Integration in Saurer Senses

- All the data for comprehensive data analysis can be transferred into the Saurer Mill Management System Senses. The processes in spinning preparation become transparent and controllable, which facilitates sustainable optimization.



Draft system



Scanning system

Technical dataAutodrawDL

| | |
|-------------------------------------|--|
| Raw material | cotton, viscose, man-made fibers or blends up to 76 mm |
| Delivery | Double head |
| Deliver speed | Max. mechanical speed 800m/min |
| Draft | 5.67-9.8 |
| Draft system | 4 over 3 with pressure bar |
| Delivery sliver weight[ktex] | 2.5-7 |
| No. of Doublings | Up to 8 |
| Autolevelling system | Uster SLIVERGUARD Pro. |
| Installed power | 9.2 KW |
| Input Can Size | Diameter: Ø500/600/1000mm; Height: 1000/1100/1200mm |
| Output Can size | Diameter: Ø350/400/500mm; Height: 900/1100/1200mm |