

ARNOLD GRUPPE

— SINCE 1950 —

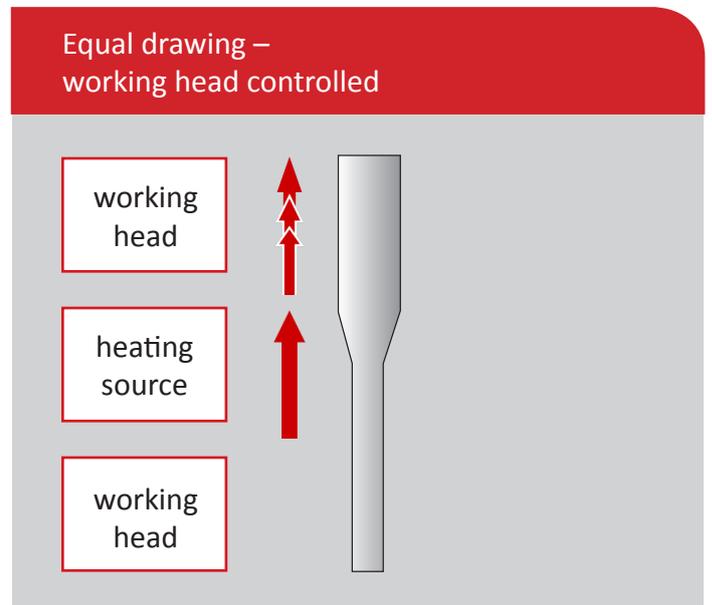
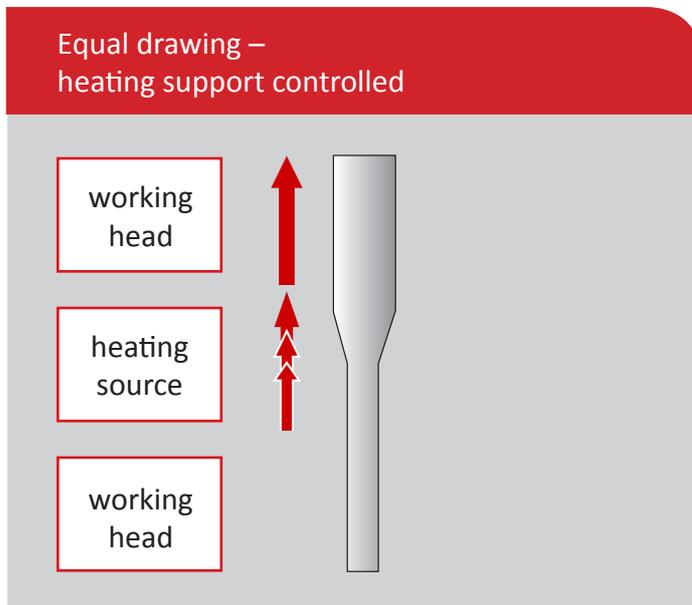
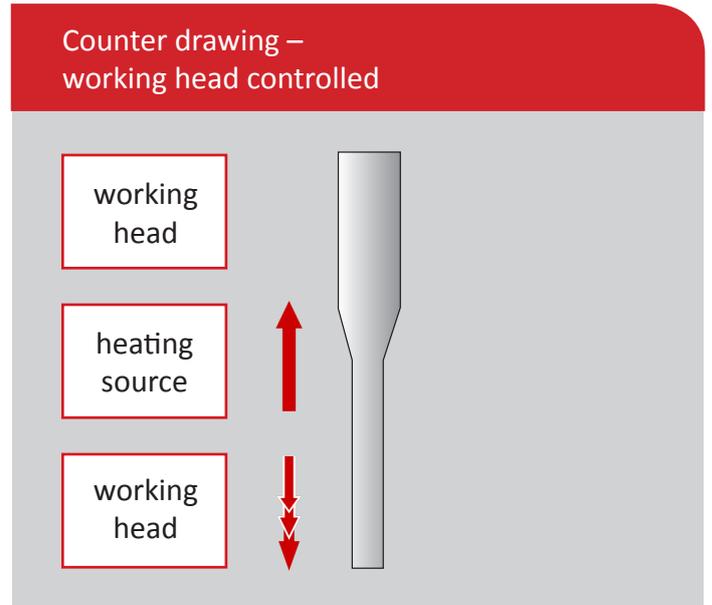
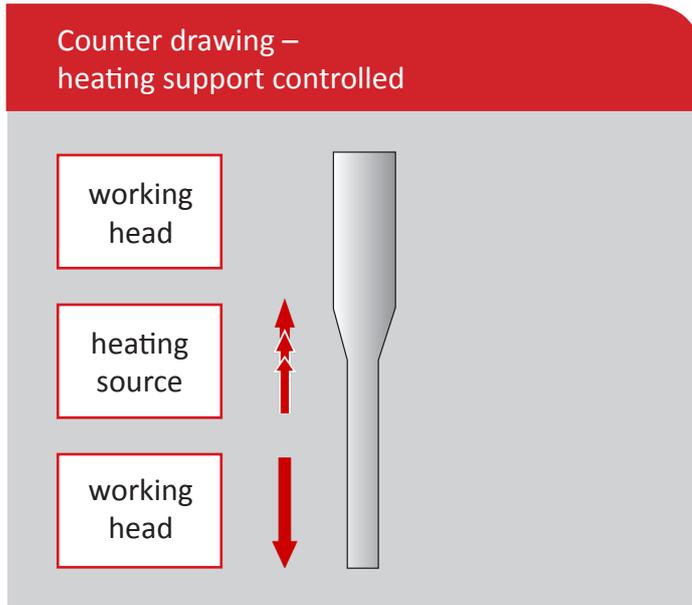


ARNOLD PRECISION STRETCHING LATHES

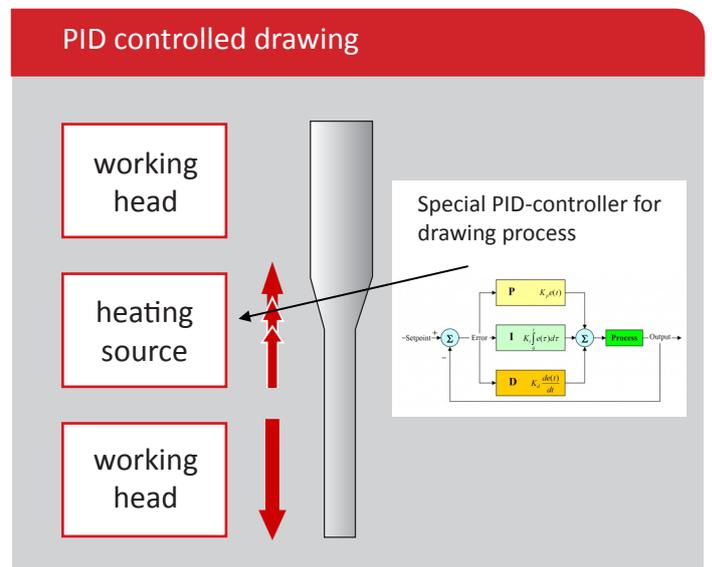
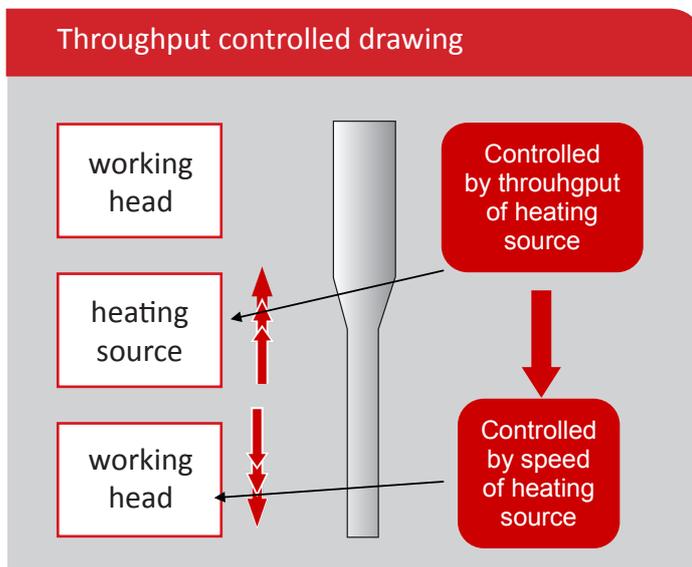
The Arnold precision stretching lathes are designed for high precision stretching of preforms. The adaptable overgladding system allows customers to increase their core rod size by the rod in tube (RIT) or rod in cylinder (RIC) technology in one working step with the stretching process. The latest technology applied in the Arnold precision stretching lathes results in low cost of ownership and customer orientated solutions. The newest technologies for process monitoring, analyzing and controlling maximize the yield of preform production and enable a wide range of products.

- High precision machine bed
- Integrated temperature supervision by high precision pyrometer
- Integrated flame supervision for safety
- All axis are equipped with AC-servo motors
- Modular heating concept with burner or furnace
- Available in horizontal and vertical execution
- Integrated high precision diameter measuring system for unstretched preform, hot zone and final diameter

Standard drawing processes



High performance drawing processes



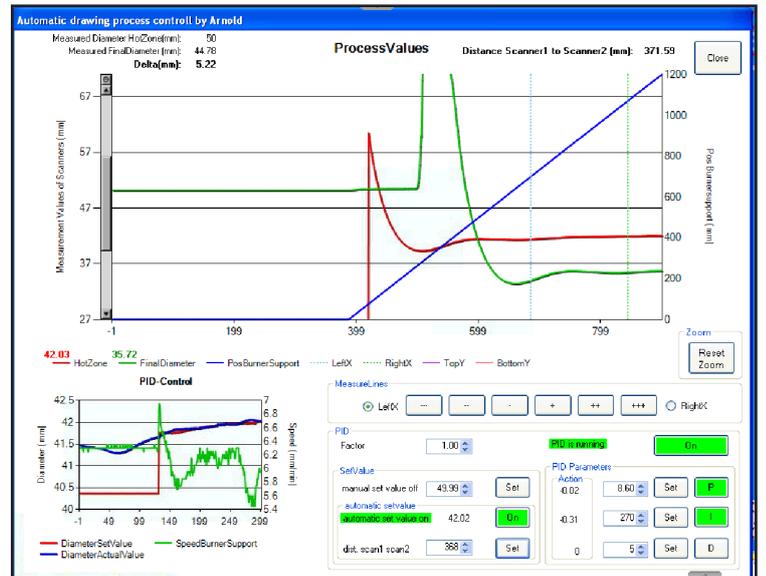
Powerful HMI

- High performance user interface designed through the newest ergonomical knowledge
- Maximum effectiveness for machine operation
- Integrated user management
- Process based status windows - all important information are available at one page
- Graphical trend monitoring for all important process data



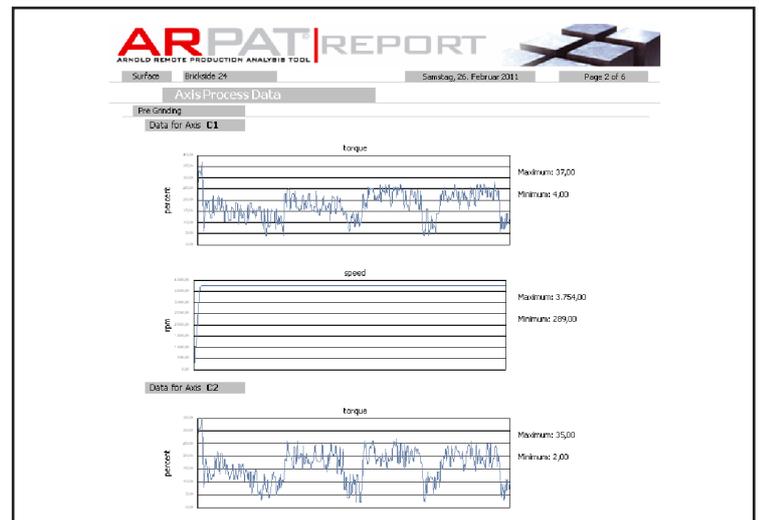
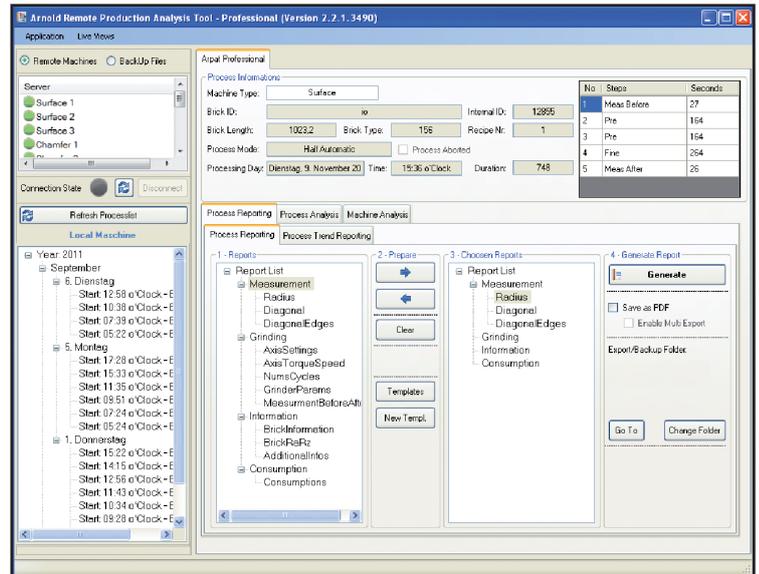
Advanced drawing control

- Process based graphical online monitoring and controlling
- Graphical measurements between hot zone diameter and final diameter during process



Integrated process based analysing tool

- Integrated SQL-database
- Process based trend analysis over a huge time range
- Detailed quality reports
- Data export to all common file types like MS-Word, MS-Excel, PDF, ...
- Central management for all Arnold machines



Integrated process based analysing tool

- Integrated SQL-database
- Process based trend analysis over a huge time range
- Detailed quality reports
- Data export to all common file types like MS-Word, MS-Excel, PDF, ...
- Central management for all Arnold machines

