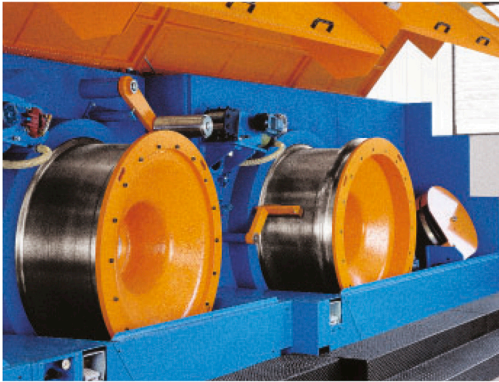


## The Best of ... Continuus-Properzi



### A close-up of a Megalogos system

Continuus-Properzi

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Italy's Continuus-Properzi is known for its continuous casting and rolling lines for producing nonferrous wire rod, but its Wire Machinery Division also provides leading-edge technology for ferrous wire drawing applications. The Megalogos line, available with capstan sizes from 560 to 1270 mm, consists of horizontal axis, non-slip, multi-pass, drawing machines specifically engineered for high-carbon steel and PC wire.

Megalogos machines provide operational, maintenance and safety benefits to the end user. Those include: a pre-aligned modular frame for easier installation; ease of maintenance (no need to ever crawl under the machine); an ergonomic, horizontal-axis design that ensures operator safety during string-up; a cooling system based on Properzi's vast experience in casting and rolling lines that increases the capacity and efficiency of heat removal while protecting the capstans against corrosion and mineral build-up; increased life of drawing capstans; and an epicyclic gear train and mechanical coupling that provide higher efficiency and lower maintenance requirements.

Innovation is integral to Continuus-Properzi's DNA and it transcends equipment design. When Covid restrictions prohibited on-site commissioning, our innovative spirit facilitated the development of the Properzi "Smart e-Commissioning" method thereby allowing our field service team to work remotely, in real time, to lead, support, and supervise the commissioning activities. Properzi lines are also equipped with the company's IULIUS 4.0 system to meet demands of Industry 4.0. The automation architecture provides a modular infrastructure that can evolve to support this transformation into fully digitalized factories.

## The Best of ... Lämneå Bruk



### A straight-line drawing system

Lämneå Bruk sales team

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Flexibility is the key to success for Sweden's Lämneå Bruk. The innovative company is well-known for its state-of-the-art, highly customizable wire drawing lines as well as its continuity. Founded in 1727, the owner's family has been "wired up" for 10 generations.

Lämneå Bruk has a competitive advantage as it is the only European manufacturer that has the ability to supply three different types of drawing machines: a straight line (pictured), a loop and a control line. The loop line is tailor-made depending on the customer's individual production requirements. One unique, very valuable feature is the option to combine the loop and straight wire drawing lines into one machine. The same die-box set-up allows a manufacturer to change between the two systems without any mechanical adjustments. The switch can conveniently be done by simply adjusting the PLC control screen. This option provides the highest flexibility and adjustability while producing high-quality outputs.

Another drawing line feature is the extremely flexible machine set-up. It is possible to start on, bypass and finish on any block the customer wishes to. Apart from that, the wire height filling is done fully automatic. The wire height can be easily adjusted in the operator interface for constant wire filling. All machines can be built for different wire types, such as low- to high-carbon, welding and stainless-steel wires. A thorough three-step risk analysis is conducted, and the results are machines that exceed European safety standards.

In conclusion, Lämneå Bruk offers a customizable range of exceptionally versatile, user-friendly, and safe wire drawing lines for highly efficient wire production.