

Welding two- or three- dimensional wire products in a single operation

With the new Posiweld system, Schlatter offers a flexible CNC welding cell for the economical production of wire products in small to medium batch sizes.

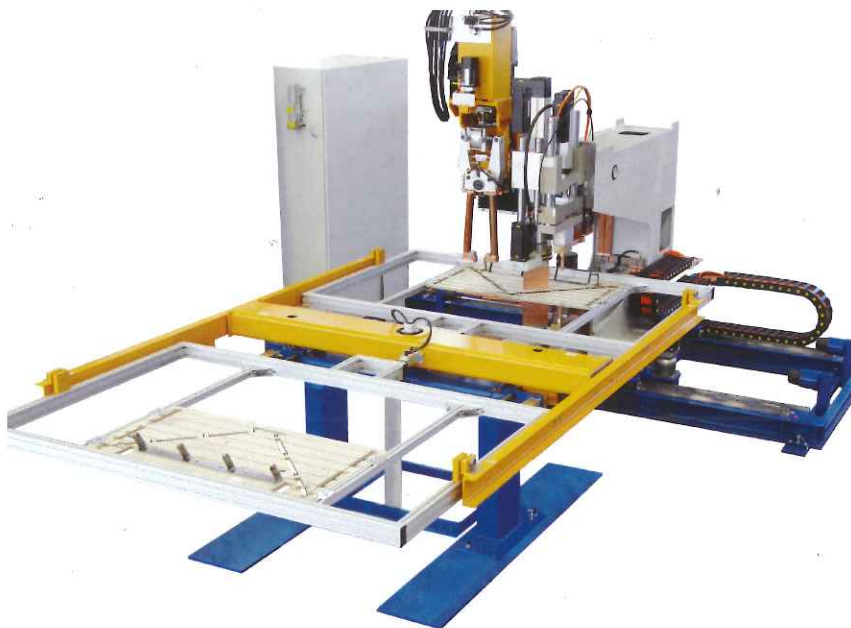
The rotating turntable design allows a single operator to load/unload the work holding fixture while the machine is operating.

Thanks to the flexibility and variability of this machine it can be used in all different kinds of welding applications.

Products include point of purchase displays, shopping cart components, three-dimensional wire baskets and fan guards as well as all types of white goods applications.

Schlatter Industries AG – Switzerland

Website: www.schlattergroup.com



The new Posiweld system from Schlatter

Three metals and tandem extrusion

HV power cables can be designed in many different ways, depending on their field of application.

Rosendahl has placed its focus on metal sheathed cables with subsequent jacketing, all in one line.

These types of HV power cables are used for indoor as well as outdoor, direct buried or conduit installations. Other special applications that can be considered are submarine power cables, such as dynamic cables for floating platforms with a corrugated copper sheath, or power cables for renewable energy, such as export cables for offshore wind farms and cables for photovoltaic power plants.

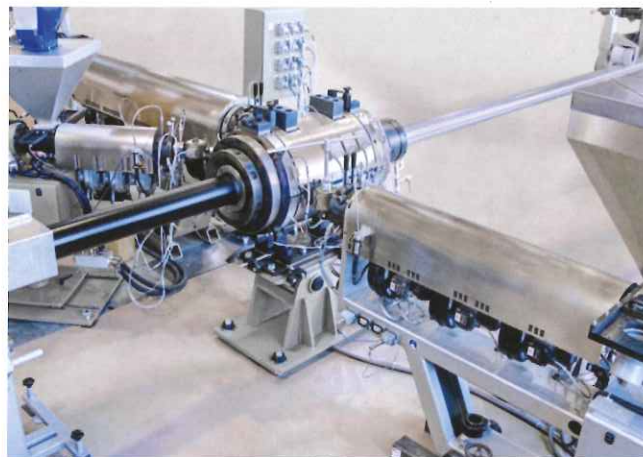
Metal sheathed cables require high precision technology for the production process. Manufacturers need to be flexible in their production, as well as efficient, and with the corresponding performance.

Metal tape forming, welding and the subsequent jacketing process can be done inline in a tandem process. At the same time, the production speed as well as the product's quality are maintained at a constantly high level.

High productivity is provided by the continuous welding solution, which supports long product lengths and smooth production.

The Rosendahl RH-W metal tape forming and welding line is designed to process aluminium, copper and stainless steel on the same line. The line concept is successfully applied at known references worldwide.

It is flexible in processing different metals as well as in its entire production process.



Rosendahl RH-W metal tape forming and welding line with tandem extrusion

This is due to the fact that each of the production steps can be adjusted to a manufacturer's needs, eg either inline or offline, smooth or corrugated. The options are manifold.

Depending on the product diameter, ranging from 40mm to maximum 200mm, the line runs at speeds of up to 15m/min.

The tools are easy to change and the line's performance can be tracked by the RIO line control system. This system reports and analyses the process and output.

It is an all-in-one solution with many benefits for the final product.

RosendahlNextrom – Austria

Website: www.rosendahlnextrom.com