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Alpha's twin shafted slitter rewriter range complete

Alpha Converting's twin shafted slitter rewriter range – the ALPHATWIN – now includes three distinct formats: HR, Standard and Lab.

They are designed to handle different web widths (from 300 mm to 2,000 mm) and thicknesses of film, foils, paper, labelstock, textiles and other materials as well as to meet differing budget and capacity requirements.

Regardless of size/model, the company says that all units offer precise control of winding conditions and a unique combination of flexibility and productivity tools to deliver consistent output time after time.

Standard features include cantilevered winding shafts with swing away supports for quick roll change, closed loop unwind tension control to maintain product integrity and PLC touch screen terminals that allow the operator to create, store and recall product recipes while the machine is running.



ALPHATWIN 'HR' slitter rewriter.



ALPHATWIN 'STANDARD' slitter rewriter.



ALPHATWIN 'LAB' narrow format slitter rewriter.

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But what differs the ALPHATWIN from other slitter rewinders are the optional accessories that dramatically improve machine efficiency – in particular the patented automatic knife setting system, which enables the operator to set all the knives in under 80 seconds, and a laser core positioning system that automatically sets to the selected slitting pattern.

“High productivity is the key to a good return on equipment – but setting up a job has for too long been the most inefficient part of the slitting/rewinding process,” says Simon King, the company’s managing director. “We’re therefore rather proud of our new auto-knife system that can precisely reposition both sets of knives in 75 seconds, no matter how complex the job and so save the operator hours of struggling.”

A host of other productivity options are also available. These include running speeds up to 600 m/minute, overhead web paths to keep the web clean, shaftless unwinds for mill rolls up to 2,500 mm diameter and vacuum splice tables for easy splicing of the web.

The ALPHATWIN, first introduced in 2000, has been sold to converters in Europe, the USA and Asia. A major European labelstock manufacturer recently took delivery of its second machine, the ALPHATWIN HR, which can wind 4,000m long rolls up to 1m diameter at speeds of 600 m/minute.



ALPHALAB TWIN – a narrow width slitter with individual dust extraction for each knife.

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