



Innovators in Wire Processing

WireStacker 3100
Active Stacking Machine

STACKING

WireStacker 3100

Concept / Function

The WireStacker 3100 is a modular high-performance wire stacker for the precise, axial stacking of cables. The system consists of a base element of 2.5 m (8.20 ft) or a base element with an extension to 5 m (16.4 ft). The modules can be cascaded in combination according to required cable lengths. Built in, synchronised driven transport belts allow to stack cables carefully and safely without cable jam even for very flabby cables. The WireStacker 3100 excels with exceptional performance and flexibility making it an important element within an efficient and precise cable processing line. The WireStacker 3100 base and extension modules are controlled with a CAN-Bus by an upstream cable processing machine. This allows the Wire-Stacker 3100 to operate as a fully integrated part of a processing line.

Apart from transporting the cable, the 45° tilted transport belt also assures for an optimal guiding and a secured ejection of the cable.

Special Features

- Modular concept allows for the stacking of theoretically almost unlimited cable lengths
- High-speed stacking and unloading synchronised with the upstream cable processing machine
- Separate controllable, fold-awayable collectingtray for production in batch-mode
- No process interruption while unloading the cables
- Intelligent interfaces for upstream cable processing machines
- Freely programmable batch processing
- Service friendly access to electronic and mechanic components

Technical Specifications

Cable Diameter	1.5 – 25.4 mm (0.06 – 1")
Unload Speed	Up to 1.7 m/s (5.57 ft/s), synchronised with the upstream cable processing machine
Cable Lengths Base Modules	Base modules: 2.5 m (8.2 ft) or 5 m (16.4 ft) Extension modules: 2.5 m (8.2 ft) or 5 m (16.4 ft) Add-on module: 2.5 m (8.2 ft)
Interfaces	CAN-Bus (also in conjunction with subsequent stackers), Emergency Stop
Options	Emergency Stop Link, Adapter kit for OmniStrip 9400 and PowerStrip 9500 RF
Power Supply	110/115/230/240 VAC, 50/60 Hz
Net Weight	Base module 2.5 m (8.2 ft): 110 kg (242.5 lbs.)
Dimensions (L x W x H)	2805 x 610 x 1230 mm (110.4 x 24.0 x 48.4")
CE-Conformity	The WireStacker 3100 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electro-magnetic compatibility.
Important Notice	<ul style="list-style-type: none"> ■ The WireStacker 3100 can stack a wide range of wires and cables. For the reader's convenience all description/processes in this document are referred to with "cable(s)". ■ Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.

Sales and Service by:

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To Be Precise.