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Coil Unwinder SAR

The SAR coil unwinder system was developed as a cable dispenser that delivers material to the processing machines without back-pull. The possibility of a material damaging elongation of the insulation casing in conjunction with the touchless operation sag controller, through this system, is excluded.

The material coil is lifted via a pneumatically activated lift shell (option) and rolled by the operator to the two drive axes that close together. One of the axes can be moved through motor power (option) so that the coil slowly lowers into the unwinder. The support cones mounted on the side are moved into the coil bore and thus also permit the processing of slightly defective wooden or plastic coils.

Through the possibility of regulating the unwinding speed either via the touchless DHS1000D loop control or a cable accumulator of the KSP/LSP type series, the overall system can be adapted individually to the respective work process.

	SAR800	SAR1000	SAR1250
Drive motor	Three-phase motor	Three-phase motor	Three-phase motor
Speed	max. 2,0 m/s	max. 2,0 m/s	max. 2,0 m/s
Length	1800 mm	2000 mm	2300 mm
Width	1760 mm	1920 mm	1980 mm
Height	1320 mm	1440 mm	1510 mm
Coil size minimum	400 mm	500 mm	600 mm
Coil size maximum	800 mm	1000 mm	1250 mm
Coil weight maximum	600 kg	600 kg	600 kg
Pneumatic supply lifting device	10 bar	10 bar	10 bar
Power supply	3 x 400 V, 50-60 Hz, 16 A	3 x 400 V, 50-60 Hz, 16 A	3 x 400 V, 50-60 Hz, 16 A
Adjustable axis	optional	optional	optional