

# SPH

## Automatic Single Portal Spooler

Expertise, Customer Driven, Service – in Good Hands with NIEHOFF



# SPH

## Design:

- horizontal pintle-type spooler in portal design
- spool clamping with pintle on one side
- different spool sizes can be used

## Increase in quality:

- ceramic-coated wire guide pulleys for high wire surface quality and long service lives

## Increase in productivity:

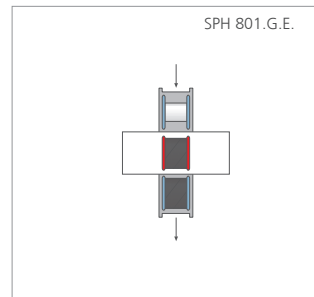
- automatic spool loading and unloading
- continuous operation of the drawing line in conjunction with a wire accumulator
- conveyor system for a maximum of 12 full spools and 12 empty spools (dia. 630 mm)
- high machine availability due to minimized changeover and maintenance time

## Energy and cost efficiency:

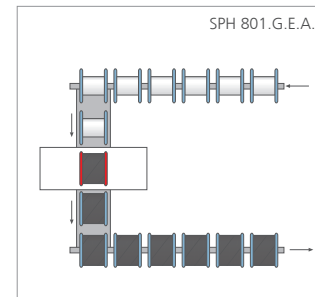
- maintenance-free energy-efficient three-phase AC drives

## Options:

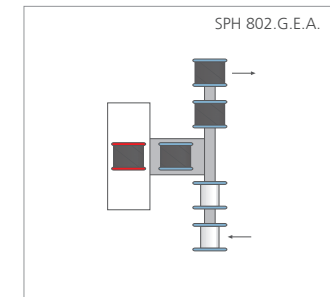
- automatic traverse width adjustment



Portal design  
1 x full spool and 1 x empty spool



Portal design  
max. 12 x full spools and  
12 x empty spools (Ø 630 mm)



Design for one-sided  
spool loading and unloading  
1 x full spool and 1 x empty spool

## Technical data

type		SPH 801 / SPH 802	
individual wire dia. (Cu)	mm	0.15 ... 4.50	
	AWG	34 ½ ... 5	
individual wire dia. (Al)	mm	0.15 ... 5.20	
	AWG	34 ½ ... 4	
at max. production speed	m/s	(fpm)	50 (9,840)
max. spool flange dia.	mm	800	
multiwire bundle			
min. individual wire dia.	mm	0.10	
	AWG	3	
min. cross-section	mm <sup>2</sup>	0.018	
	AWG	5.50	
max. cross-section	mm <sup>2</sup>	9 ½ ...	
	AWG		
input rating for			
cylindrical winding	kW	(HP)	37 (49)
	kW	(HP)	50 (67)
machine dimensions (W x D x H)	m	3.35 x 1.70 x 1.60	
weight	kg	approx. 2,900	

We reserve the right to modify technical specifications according to technical improvement and advances. 05.2022