



ARH 630 / ARH 800 / ARH 800 Q

Tangential Pay-off with Separate Drive

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



ARH 630 / ARH 800 / ARH 800 Q

Design:

- available with single-sided (left or right) or doublesided spool mounting
- spool mounting on cantilever shaft
- disk brake on emergency stop/strand break

Increase in quality:

- constant wire tension through pneumatic dancer

- twist free pay-off of individual wires and wire bundles
- wire break control

Options:

- weight-loaded dancer for wire bundle cross sections from 0.07 ... 0.14 mm²
- traversing separating roll

- empty spool detection
- handling systems for spool loading
- safety bar
- additional lift-off pulley
- shaft adapter (ARH 630 only) for optimum loading with bore dia. 127 mm
- automatic drive pin sensing device

Technical data

type		ARH 630	ARH 802 R/L/D/Q	ARH 802 R/L/D/Q	
max. pay-off speed	m/min	300	300	300	
	fpm	985	985	985	
individual wire dia. (Cu soft)	mm	0.40 ... 1.41	0.40 ... 2.20	1.00 ... 4.80	
	AWG	26 ... 15	26 ... 11	18 ... 5	
wire bundle cross-section (Cu soft)	mm ²	0.14 ... 1.57	0.14 ... 4.00	0.80 ... 18.00	
	AWG	25 ½ ... 15	25 ½ ... 15	25 ½ ... 9	
retention force	N	max. 160	5-180	100-700	
spool dimensions					
min. flange dia.	mm	400	630	630	
max. flange dia.	mm	630	800	800	
min. barrel dia	mm	224	355	355	
min. bore dia.	mm	100	125	125	
max. winding length	mm	400	500	500	
max. total length	mm	475	600	600	
max. spool weight	kg	650	1.200	1.200	
max. input rating	kW	1.5	4.55	8.60	per pay-off head
	HP	2	6.1	11.5	
machine dimensions (W x D x H)	m	1.40 x 1.36 x 1.28	max. 2.25 x 2.35 x 2.35	max. 2.25 x 2.35 x 1.75	in the Quadro version
weight	kg	approx. 350	R/L* approx. 620 kg	R/L* approx. 620 kg	
			D** approx. 1.000 kg	D** approx. 1.000 kg	
			Q*** approx. 2.000 kg	Q*** approx. 2.000 kg	

* R = Right
 * L = Left
 ** D = Double
 *** Q = Quadro

We reserve the right to modify technical specifications according to technical improvement and advances. 03.2026