



ARP 630.1 / ARP 800.1

Pintle Pay-off with Separate Drive

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



ARP 630.1 / ARP 800.1

Design:

- pneumatically actuated pintle
- moveable plate for a simplified spool change
- easy lifting and lowering of the spool by a spool take-up cone

Increase in quality:

- twist free pay-off for single wires and wire bundles
- constant wire tension through pneumatic dancer
- wire break control

Increase in productivity:

- quick spool change via pneumatically actuated pintle
- simple change of spool type by means of a central adjustment of the lifting table
- automatic drive pin sensing device

Energy and cost efficiency:

- basic design allows several layouts of loading and operator side
- spool loading without any auxiliary devices

Options:

- weight-loaded dancer for wire bundle crosssections from 0.07 ... 0.14 mm²
- traversing separating roll
- detection of single wire breaks for wire bundles
- pneumatic lifting table with central lift height adjustment

Technical data

type		ARP 630.1	ARP 800.1
design		Pintle-type pay-off	Pintle-type pay-off
construction		Single unit	Single unit
material		Cu	Cu
single wire diameter Ø *	mm AWG	0.04 ... 1.41 46 ... 15	0.04 ... 1.41 46 ... 15
multiwire Ø or cross section **	mm/mm ² AWG	0.14 ... 1.57 25½ ... 15½	0.14 ... 1.57 25½ ... 15½
wire tension weighted	N	4 ... 65	4 ... 65
max. production speed	m/min fpm	300 984	300 984
spool dimensions Flange diameter	mm	400–630	630–800
max. spool weight	kg	650	1,200
wire tension control		dancer	dancer
spool take-up		pintle	pintle
machine dimensions (W x D x H)	m	1.40 x 0.80 x 1.60	1.60 x 1.00 x 1.80
weight approx.	kg	660	800

* = dependent on the material used

** = option

We reserve the right to modify technical specifications according to technical improvement and advances. 03.2018