

AUF / AUS

Continuous Wire Pay-offs for Multiwire Drawing Machines



NIEHOFF – worldwide
most advanced technology for
the wire and cable industry



Continuous barrel pay-off

- continuous operation through welding of wire end to wire start
- automatic wire changeover when changing from empty to full barrel
- loaded via industrial truck

Overhead multiple pay-off for spools

- continuous operation through welding of wire end to wire start
- inclined positioning of pay-off spools with tilting mechanism
- fixed brush plate and rotating discharge ring
- variable installation in single, double and quadruple frames for any number of pay-off spools required
- loaded via industrial truck

Technical data

| type | AUF 800 | AUF 1000 | AUF 1350 | AUS 630 | AUS 800 |
|--------------------------------------|------------------|------------------|------------------|------------------|-----------------|
| individual wire dia. (mm) | (18 ... 14 AWG) | (17 ... 14 AWG) | (18 ... 12 AWG) | (20 ... 14½ AWG) | (20 ... 14 AWG) |
| Cu soft (250 N/mm ²): | 0.8 ... 2.0 | 1.0 ... 2.0 | 1.0 ... 3.0 | 0.5 ... 1.8 | 0.5 ... 2.05 |
| Cu hard (500 N/mm ²): | 0.5 ... 1.6 | 0.8 ... 1.6 | 1.0 ... 2.6 | | |
| | (20 ... 15 AWG) | (18 ... 15 AWG) | (17 ... 13 AWG) | | |
| max. pay-off speed (m/s): | 3 (590 fpm) | 3 (590 fpm) | 3 (590 fpm) | 1.8 (354 fpm) | 2 (393 fpm) |
| number of pay-off positions: | 8, 10, 12, 16 | 8, 10, 12, 16 | 8, 12, 16 | | |
| coiling barrel dimensions | | | | | |
| max. outer dia. (mm): | 860 | 1060 | 1350 | | |
| max. height (mm): | 2000 | 2000 | 2000 | | |
| spool dimensions | | | | | |
| max. outer flange dia. (mm): | | | | 630 | 800 |
| bore dia. (mm): | | | | 127 | 127 |
| machine dimensions (W x D x H) in m: | 10.9 x 1.8 x 3.9 | | 11.7 x 3.1 x 3.9 | | 8.2 x 2.1 x 2.6 |
| (with 8 pay-off positions) | | 11.0 x 2.4 x 3.9 | | 8.4 x 1.7 x 2.7 | |

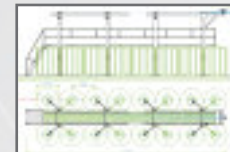
AUF 800



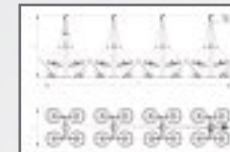
AUF 1000



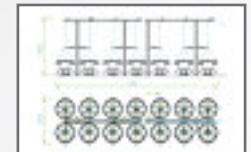
AUF 1350



AUS 630



AUS 800



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

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