

# **NPS** NIEHOFF NPS Spools



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

## **NIEHOFF Original NPS Spools.**

In around 20 years, a pool of more than three million NPS spools, which are compatible with each other, has come into being worldwide – an invaluable advantage for you and your customers. No matter which spools are returned, they always fit together.

We want to maintain this advantage for you, and this is why NIEHOFF has protected this compatible system for a long time.

# How can you identify the original?

NIEHOFF supplies original NPS reusable spools with a built-in RFID transponder system as an option. Hence your incoming goods department can always identify the original. Another advantage offered by RFID is a simplified spool labeling. Spool identification is stored in RFID and thus no label is needed.

#### Design:

 for the processing of copper alloy signal wires with a cross section of 0.13 mm<sup>2</sup> and copper wires of up to 6.00 mm<sup>2</sup>

### Increase in quality:

• reduction of cable scrap rate

# Increase in productivity:

 tangle-free wire pay-off at highest speeds before crimping machines for all materials and wire cross sections

## Energy and cost efficiency:

- use of packing material is avoided, NPS spools are durable and can be completely recycled
- temporary storage of partly filled spools is possible
- the emptied NPS spools are dismantled and stacked into one another ensuring a low-cost return transport to the cable maker (100 empty spools on one europallet)

# **Optional:**

• RFID identifying the original and replacing the label





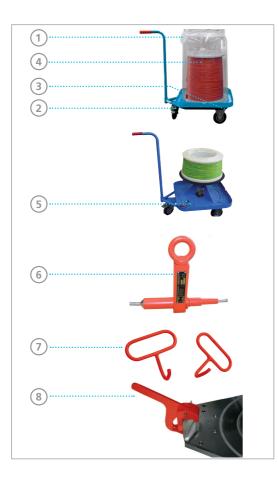
# **NPS Spools**

| Technical data/prices   |            |             |                               |                               |                               |                               |  |
|---|------------|-------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--|
| type  |            | NPS 600/400 | NPS 400/400<br>NPS 400/400 PP | NPS 400/250<br>NPS 400/250 PP | NPS 400/150<br>NPS 400/150 PP | NPS 400/100<br>NPS 400/100 PP |  |
| article number  |            | 295700.5    | 140900.5                      | 323338.5                      | 335129.5                      | 338648.5                      |  |
| flange diameter   | mm         | 600         | 400                           | 400                           | 400                           | 400                           |  |
| traverse height   | mm         | 400         | 400                           | 250                           | 150                           | 100                           |  |
| winding capacity  | dm³        | 66.4        | 30.3                          | 17.6                          | 10.0                          | 4.5                           |  |
| admissible total weight   | kg         | 400         | 100                           | 60                            | 35                            | 15                            |  |
| option RFID transponder system<br>(one chip in the cone and one in the<br>flange) | Euro/spool |             | 0.50                          |                               |                               |                               |  |

Prices available on request, please wirte to nps@niehoff.de

# **NPS Spooler**

| type SV 4   |           | SV 401 D.1 double spooler  | SV 402 D.2 double spooler  | SV 400 double spooler/rewinding unit                               |  |
|---|-----------|--|--|--|--|
| max. production speed   | m/min     | 1,500 inline with extruder   | 1,800 inline with extruder   | 400  |  |
| max. production speed<br>cable cross-section<br>cable outer dia | mm²<br>mm | 0.13 0.17 Cu alloy<br>0.22 6.0 (flexible Cu conductor)<br>1.0 5.0 (including insulation) | 0.13 0.17 Cu alloy<br>0.22 6.0 (flexible Cu conductor)<br>1.0 5.0 (including insulation) | 0.22 6.0 (flexible Cu conductor)<br>1.0 5.0 (including insulation) |  |
| spool sizes<br>flange dia.<br>winding width                     | mm<br>mm  | NPS-multiway-system<br>400 400 400<br>400 250 150  | NPS-multiway-system<br>400 400 400 400<br>400 250 150 100                                | NPS-multiway-system<br>400 400 400 400<br>400 250 150 100          |  |



| ID-No.           | Description  |
|------------------|--|
| 320 930<br>2 3 4 | pay-off AUV 400 P for NPS 400 spool, carriage with tray and pay-off cover                                    |
| 320 973<br>2 3   | pay-off AUV 400 P for NPS 400 spool, carriage with tray, without pay-off cover                               |
| 320 932<br>3 4   | pay-off AUF 400 P for NPS 400 spool, tray with pay-off cover, without carriage                               |
| 292 588<br>(4)   | pay-off cover for NPS 400 spool  |
| 320 985<br>1     | CrNi ring insert   |
| 335 112<br>5     | height adjustable spool support for NPS 400/250<br>spool and NPS 400/150 spool, without tray and<br>carriage |
| 225 989<br>6     | lifting device for NPS 400 spool,<br>load capacity 150 kg  |
| 226 934          | lifting device for NPS 600 spool,<br>load capacity 500 kg  |
| 234 291<br>(7)   | handles for NPS 400 spool and NPS 600 spool,<br>one pair per spool necessary<br>(price is per pair)          |
| 342 726<br>⑧     | tool for removal of cable residue from wire knives   |

We reserve the right to modify technical specifications according to technical improvement and advances. 11.2016

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