Welding Reels

- Mobile and Fixed Installations
- Arc Welding
- Gas Welding
- Cutting Operations

You Can’t Buy A Better Reel.

Family owned and operated since 1933
WELDING REELS

CONTENTS
Hannay hose reels come in all sizes and capacities.

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<td>11</td>
</tr>
</tbody>
</table>

Only one reel bonds quality and value.

When it comes to safety and efficiency, you can count on Hannay Reels. Used worldwide, our durable, dependable reels help your operation run smoothly – and reduce workplace accidents – by keeping hoses and cables organized and off the floor.

We offer the widest variety of arc and gas welding reels in the industry. Our high quality reels are built to last and engineered specifically for welding – never retrofitted to the job – so you can expect unsurpassed fit and function.

Uses:

- Mobile and fixed installations
- Arc welding
- Gas welding
- Cutting operations
To handle #2 through 4/0 cable to 400 amps.

- For use with single-conductor electrode cable or for grounding lead.
- 400-amp rotary electrical device.
- Rugged portable reel with carrying handle.
- Instant use with any cable length unwound.
- Quick connection to your welder.
- Manual rewind (permanently attached knob).
- Adjustable friction brake.

**PARTS DRAWING – ISO 110**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Cable Capacity of Reel feet</th>
<th>Approx. Weight lb. kg</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>X</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>WCR11-17-19</td>
<td>200 150 100 75 75 50</td>
<td>24 58*</td>
<td>9.25</td>
<td>6</td>
<td>10.5</td>
<td>15.5</td>
<td>16.5</td>
<td>13</td>
<td>18.8</td>
<td>8.69</td>
</tr>
<tr>
<td></td>
<td>Approx. Weight kg</td>
<td></td>
<td>235</td>
<td>152</td>
<td>267</td>
<td>394</td>
<td>419</td>
<td>330</td>
<td>478</td>
<td>221</td>
</tr>
</tbody>
</table>

**Notes:**
1. Specifications subject to change.
2. Be sure to check dimensions and weights prior to ordering.
3. For welding hose and cable specifications see page 10.
* Dimensional weight applies when shipped as a parcel package (via FedEx or UPS Ground).
**X, Y indicate mounting holes. See page 10.
ARC WELDING REELS

Series **SWCR/WCR**
- Spring, Power or Manual Rewind • Arc Welding

**To handle #2 through 4/0 cable to 400 amps.**
- For use with single-conductor electrode cable or grounding lead.
- 400-amp rated rotary electrical device.
- Instant use with any cable length unwound.
- Quick connection to your welder.
- Easy access and greaseable zerk fitting.

**SWCR**
- Non-sparking ratchet assembly.
- Declutching arbor is provided to prevent damage from reverse winding.
- A cable stop should be used.
- Four-way roller assembly. Roller position must be specified.

**WCR**
- Gear-driven crank rewind, chain and sprocket powered by an electric, hydraulic or compressed air motor or spring rewind.
- Auxiliary rewind and pinion brake standard.
- Chain guards are available, must be specified.
- Rollers and roller mounting brackets are accessory items. Specify roller position.

**Series SWCR**
Shown with optional cable and stop

**Protective Ground Lug Boot**
Part No. 9955.0202
Standard on reel

---

Hannay Reels, Inc.
Phone: 518-797-3791
Toll Free: 1-877-467-3357
Domestic FAX: 1-800-733-5464
International FAX: 518-797-3259
hannay.com
reels@hannay.com
### PARTS DRAWING – SWCR ISO 94; WCR ISO 188

#### Model Number
- For power rewind, see Note 4

#### Cable Capacity of Reel (feet)
- For power rewind, see Note 4

#### Approx. Weight
- For power rewind, see Note 4

#### Std. Roller Assy.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Cable Capacity of Reel (feet)</th>
<th>Approx. Weight</th>
<th>Std. Roller Assy.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Notes:
1. Specifications subject to change.
2. Upon request, reels can be supplied with drum lengths other than shown and with disc sizes in other diameters.
3. Weights shown in chart are for crank or spring rewind models. Add these amounts for power rewind models (Series WCR):
   - **Net lbs/kg**: 40/18.1
   - **Ship lbs/kg**: 40/18.1
4. When ordering power rewind Series WCR, prefix model number with:
   - **A** = Air Rewind
   - **EP** = Electric Rewind
   - **HD** = Hydraulic Rewind
5. Be sure to check dimensions and weights prior to ordering.
6. For welding hose and cable specifications, see page 10.
7. **Finish**: Refer to Ordering & Accessory catalog page 19.

#### Available Roller Positions
- **SR** (STD)
- **VR** (OPT)
- **TR** (OPT)
- **TR** (Wallmount)

#### Reel Dimensions

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>X</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

(Air rewind reels are supplied with control valve and 1/8" air hose; 12v and 24v DC rewind reels are supplied with switch and solenoid; 115v AC rewind reels require double pole single throw switch which is not supplied, but can be ordered separately, hydraulic rewind reels are not supplied with control valve.)
# ARC WELDING REELS

## Series TWCR

- **Manual Rewind**
- **Twin Arc Welding**

To handle #1 through 4/0 cable to 400 amps.

- Designed to handle both grounding and arc welding leads on the same reel unit.
- Two independent spools to hold separate lengths of welding cable.
- 400-amp rotary electrical device for instant and constant use.
- Instant use with any cable length unwound.
- Gear-driven crank rewind with a removable handle.
- Dual pinion brakes.
- Rollers and roller mounting brackets are accessory items. Specify roller position.

### Protective Ground Lug Boot
Part No. 9955.0202
Standard on reel

### PARTS DRAWING – ISO 185

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Cable Capacity of Reel</th>
<th>Approx. Weight</th>
<th>Reel Dimensions***</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Feet</td>
<td>Crank Rewind</td>
<td><strong>In.</strong></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>lb.</td>
<td>kg</td>
</tr>
<tr>
<td>TWCR 12-17-18</td>
<td>50 50 45 40</td>
<td>78</td>
<td>113</td>
</tr>
<tr>
<td>TWCR 14-17-18</td>
<td>125 100 80 50</td>
<td>80</td>
<td>115</td>
</tr>
<tr>
<td>TWCR 12-19-20</td>
<td>150 100 60 60</td>
<td>82</td>
<td>117</td>
</tr>
<tr>
<td>TWCR 14-19-20</td>
<td>– 150 100 80</td>
<td>84</td>
<td>119</td>
</tr>
</tbody>
</table>

### Notes:
1. Specifications subject to change.
2. Be sure to check dimensions and weights prior to ordering.
3. For welding hose and cable specifications see page 10.
4. Ship via freight only. UPS or FedEx shipping is not available on this series reel.
5. Finish: Refer to Ordering & Accessory catalog page 19.

*** X, Y indicate mounting holes. See page 10.
To handle twin 1/4" or 3/8" I.D. welding hose.

- Heavy-duty spring motor.
- Non-sparking ratchet assembly.
- Declutching arbor to prevent damage from reverse winding.
- Standard inlets: 90° ball bearing swivel joints, 1/2" female NPT threads. Oxy/acet brass inlet adapters are available.
- Standard outlets: male 9/16"-18 threads, right-hand for oxygen, left-hand for gas.
- Pressures to 300 psi (21 bar).
- Temperatures from -40°F to +200°F (-40°C to +93°C).
- Type of gas used must be specified.
- 4-way roller assembly. Roller position must be specified.
- Hose stop is required.

### PARTS DRAWING – ISO 186

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Hose Capacity of Reel feet</th>
<th>Approx. Weight lb.</th>
<th>Standard Roller Assy.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/4</td>
<td>3/8</td>
<td>m</td>
</tr>
<tr>
<td>SR (STD)</td>
<td>.53</td>
<td>.66</td>
<td>.17</td>
</tr>
<tr>
<td>VR (OPT)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TR (OPT)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TR (Wallmount)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Hose Capacity of Reel feet</th>
<th>Approx. Weight lb.</th>
<th>Standard Roller Assy.</th>
</tr>
</thead>
<tbody>
<tr>
<td>N416-17-18-8L</td>
<td>2/50</td>
<td>2/15</td>
<td>64 71*</td>
</tr>
<tr>
<td>N416-19-20-8L</td>
<td>2/50</td>
<td>2/15</td>
<td>68 75*</td>
</tr>
<tr>
<td>N416-19-20-10.5C</td>
<td>2/25</td>
<td>2/25</td>
<td>70 77*</td>
</tr>
<tr>
<td>N416-19-20-8J</td>
<td>2/50</td>
<td>2/50</td>
<td>74 83*</td>
</tr>
<tr>
<td>N417-23-24-10.5G</td>
<td>2/75</td>
<td>2/75</td>
<td>94 115*</td>
</tr>
<tr>
<td>N417-25-26-10.5G</td>
<td>2/100</td>
<td>2/100</td>
<td>97 132</td>
</tr>
</tbody>
</table>

Notes:

- A hose stop is necessary to keep spring from unwinding.
  1. Specifications subject to change.
  2. Reel models and capacities shown are for standard drag applications; for vertical lift applications, consult factory.
  3. Other sizes, from standard components, available on request.

5. Be sure to check dimensions and weights prior to ordering.

NOTICE: A flexible connector must be used between the inlet pipe and the inlet swivel joint.

* When shipped as a parcel package (via FedEx or UPS Ground), joints loose. Net weight plus carton weight.

*** X, Y indicate mounting holes. See page 10.

### Available Roller Positions

- SR (STD)
- VR (OPT)
- TR (OPT)
- TR (Wallmount)
GAS WELDING REELS

Series 2400
• Manual (MX) or Power Rewind • Oxy/Fuel Welding

To handle twin 1/4" through 3/8" welding hose.
• MX chain-driven crank rewind or powered by a compressed air or hydraulic motor.
• MX rewind reels supplied with a pinion brake.
• Power reels not supplied with a brake.
• Standard inlets: 90° ball bearing swivel joints with 1/2" female NPT threads. Oxy/acet brass inlet adapters are available.
• Standard outlets are male 9/16"-18 threads. Right-hand for oxygen, left-hand for gas.
• Pressures to 300 psi (21 bar).
• Temperatures from -40°F to +200°F (-40°C to +93°C).
• Type of gas used must be specified.

Model A2400
• Rollers and roller mounting brackets are accessory items. Specify roller position.

PARTS DRAWING – ISO 187 POWER; ISO 213 MANUAL (MX)

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Hose Capacity of Reel</th>
<th>Approx. Weight</th>
<th>Reel Dimensions***</th>
</tr>
</thead>
<tbody>
<tr>
<td>For power rewind see Note 5</td>
<td>feet m</td>
<td>lb kg</td>
<td>in mm</td>
</tr>
<tr>
<td>I.D. in mm</td>
<td>1/4</td>
<td>3/8</td>
<td>NET</td>
</tr>
<tr>
<td>O.D. in mm</td>
<td>.53</td>
<td>.66</td>
<td></td>
</tr>
<tr>
<td>MX2414-17-18</td>
<td>2/100</td>
<td>14</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>2/30</td>
<td>2/23</td>
<td>14</td>
</tr>
<tr>
<td>MX2416-17-18</td>
<td>2/150</td>
<td>2/100</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>2/46</td>
<td>15</td>
<td>31</td>
</tr>
<tr>
<td>MX2420-17-18</td>
<td>2/200</td>
<td>15</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>2/61</td>
<td>15</td>
<td>31</td>
</tr>
<tr>
<td>MX2426-17-18</td>
<td>2/200</td>
<td>15</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>2/61</td>
<td>15</td>
<td>31</td>
</tr>
</tbody>
</table>

Notes:
1. Specifications subject to change.
2. Upon request, reels can be supplied with drum lengths other than shown and with disc sizes in other diameters.
3. Weights shown in chart are for crank rewind models. ADD these amounts for power rewind models:
   - Net lbs/kg
   - Ship lbs/kg
   - Hydraulic: 15/6.8
   - Air: 15/6.8
4. Dimension “F” is the overall length of standard model reels. On crank rewind models, the dimension shown is with the crank in rewind position. Reels require 2" clearance to remove crank handle.
5. When ordering power rewind models replace MX prefix with:
   - A = Air Rewind
   - HD = Hydraulic Rewind
   (Air rewind reels are supplied with control valve and 1/8" air hose; hydraulic rewind reels are not supplied with control valve.)
6. Be sure to check dimensions and weights prior to ordering.
7. For welding hose and cable specifications see page 10.
8. Some roller options may prohibit the use of our molded chain guard.

NOTICE: A Flexible Connector must be used between the inlet pipe and the inlet swivel joint.

* Dimensional weight may apply when shipped as a parcel package (via FedEx or UPS Ground).
*** X, Y indicate mounting holes. See page 10.
GAS WELDING REELS

Series G2400

- Manual Rewind • Oxy/Fuel Welding

To handle twin 1/4" through 3/8" I.D. hose.

- Gear-driven crank rewind with pinion brake.
- Standard inlets: 90° ball bearing swivel joints 1/2" female NPT threads. Oxy/acet brass inlet adapters are available.
- Standard outlets are male 9/16"-18 threads. Right-hand for oxygen, left-hand for gas.
- Pressures to 300 psi (21 bar).
- Temperatures from -40°F to +200°F (-40°C to +93°C).
- Type of gas used must be specified.

PARTS DRAWING – ISO 205

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Hose Capacity of Reel feet</th>
<th>Approx. Weight Crank Rewind lb.</th>
<th>Reel Dimensions*** in. mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>I.D. in. mm</td>
<td>1/4</td>
<td>3/8</td>
</tr>
<tr>
<td>G2416-17-18-8</td>
<td>2/150</td>
<td>2/100</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>2/46</td>
<td>2/30</td>
<td>15</td>
</tr>
<tr>
<td>G2420-17-18-8</td>
<td>–</td>
<td>2/150</td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>–</td>
<td>2/46</td>
<td>18</td>
</tr>
<tr>
<td>G2426-17-18-8</td>
<td>–</td>
<td>2/200</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>–</td>
<td>2/61</td>
<td>19</td>
</tr>
</tbody>
</table>

Notes:
1. Specifications subject to change.
2. Upon request, reels can be supplied with drum lengths other than shown.
3. Be sure to check dimensions and weights prior to ordering.
4. For welding hose and cable specifications see page 10.
5. Some roller options may prohibit the use of our molded chain guard.

NOTICE: A Flexible Connector must be used between the inlet pipe and the inlet swivel joint.

* When shipped as a parcel package (via Fed-Ex or UPS Ground).
*** X, Y indicate mounting holes. See page 10.
Welding Hose

Our oxygen/acetylene grade R hose assemblies with inside diameters of 1/4” and 3/8” have working pressures of 200 psi (14 bar), working temperatures of -40°F to +200°F (-40°C to +93°C), and have an EPDM core and cover with one textile braid reinforcement. This hose is designed for oxygen/acetylene only. Grade T oxygen/acetylene, propane, or M.A.P.P. hose is also available.

For hose assembly details and pricing, consult your Hannay dealer or factory.

WELDING AND GROUNDING CABLE

<table>
<thead>
<tr>
<th>Wire Size (AWG)</th>
<th>Area (Per Conductor)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Circ. Mills</td>
</tr>
<tr>
<td>#2</td>
<td>66,500</td>
</tr>
<tr>
<td>#1</td>
<td>84,000</td>
</tr>
<tr>
<td>#1/0</td>
<td>105,600</td>
</tr>
<tr>
<td>#2/0</td>
<td>133,100</td>
</tr>
<tr>
<td>#3/0</td>
<td>167,800</td>
</tr>
<tr>
<td>#4/0</td>
<td>211,600</td>
</tr>
</tbody>
</table>

Mounting Hole Sizes

<table>
<thead>
<tr>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>N Series Reels</td>
<td>7/16&quot; wide x 7/8&quot; long slot running front to back</td>
</tr>
<tr>
<td>Pressed Frame Reels and Channel Framed Reels</td>
<td>7/16&quot; wide x 7/8&quot; long slot running left to right</td>
</tr>
<tr>
<td>Series 2000</td>
<td>13/32&quot; round holes</td>
</tr>
</tbody>
</table>
# Hannay Reels Spec Worksheet

To specify Hannay reels, fill out this simple form and mail, fax or email it to your dealer.

Photocopy this page or download and print from hannay.com

## 1. Who is the reel for?

<table>
<thead>
<tr>
<th>Contact</th>
<th>Date / /</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company</td>
<td>Position</td>
</tr>
<tr>
<td>Street Address</td>
<td></td>
</tr>
<tr>
<td>City</td>
<td>State</td>
</tr>
<tr>
<td>Phone ( )</td>
<td>Fax ( )</td>
</tr>
</tbody>
</table>

## 2. What is the reel for?

### HOSE (check one):
- Storage only
- Live Single hose
- Live Dual hose

<table>
<thead>
<tr>
<th>Inside diameter</th>
<th>Hose length</th>
<th>Bend radius</th>
<th>Flat hose dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outside diameter</td>
<td>Hose weight</td>
<td>Coupling spacing</td>
<td></td>
</tr>
</tbody>
</table>

### Type of product handled (check one):
- Liquid (specify):
- Temperature:
- Oxygen/Acetylene:
- Other (specify):

### Fluid path type (check one):
- Steel (standard)
- Aluminum
- Stainless Steel
- Other

### Reel inlet type (check one):
- Swivel joint 90° (standard)
- Straight

### Reel outlet type (riser):
- Size:

### CABLE (check one):
- Live
- Storage only

| *Number of conductors, or wire gauge, required: |
| *Number of connectors: |
| *Voltage: |
| *Amperage (live application only): |

### Type of installation (check one):  
- Floor
- Wall
- Overhead
- Vehicle

### Temperature Range:

### Accessories (if any):
- Hose/Cable Stop:
  - Yes
  - No

### Roller Assemblies:
- Painted steel (standard)
- Aluminum
- Polished
- Unpolished
- Stainless steel
- Polished
- Unpolished

### Finish:

Check type of installation and roller position for spring reels:

- Drag
- Lift
- Stretch (no roller)
- Wall Mount

- Position SR
- Position VR
- Position TR
- Position TR

- Constant tension available on all roller positions

## 3. What features does the reel need? Check type of rewind:

### MANUAL REWIND
- Disc rewind (hand over hand)
- Gear-driven crank
- Direct crank (permanent or removable)
- Chain-driven crank

### POWER REWIND
- Spring
- Air
- Electric (voltage):
- Hydraulic

### Type of installation (check one):
- Floor
- Wall
- Overhead
- Vehicle

### Temperature Range:

### Accessories (if any):
- Hose/Cable Stop:
  - Yes
  - No

### Roller Assemblies:
- Painted steel (standard)
- Aluminum
- Polished
- Unpolished
- Stainless steel
- Polished
- Unpolished

Check type of installation and roller position for spring reels:

## 4. Specifying Location of Components

Optional Location of Components:

- Location of the inlet, outlet riser, and rewind mechanism can be varied to meet your requirements and must be specified on your order. Unless otherwise specified, most reels will be shipped as Right Top Rewind with the inlet, outlet riser, and rewind mechanism on the operator's right.

### Right Top Rewind Standard - Always look at your reel from this position to determine right hand or left hand.

### Right Bottom Rewind

### Left Top Rewind

### Left Bottom Rewind

Note: Use component location initials as suffix after model number (ie: A2420-17-18 LT)

## 5. Please note size and/or weight limitations for your installation

### SPECIFICATIONS

| Depth: |
| Height: |
| Width: |
| Weight: |

For custom applications not found in our catalogs, call the Inside Sales Group at 518-797-3791.
You Can’t Buy A Better Reel.

Find reels for every need.

Learn more about all of our reels, including specs, drawings and even how to select the right reels and accessories for your industry.

Ordering & Accessory Guide
Learn more about:
• Selecting the right reel
• Reel components
• Available accessories
• How to spec and order reels and accessories
• Ordering options
• Hannay Reels policies

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