

Welding Reels

Conductix-Wampfler welding reels are specially designed for electric welding and grounding use. These reels are ideal for keeping excess cable stored and accessible in a neat, safe, and efficient manner.

Welding reels have positive locking ratchets and are suitable for both indoor and outdoor applications. We offer two welding reel models:

- **1400 Series** - See pages 10-11 for reel design details
- **1900 Series** - See pages 14-15 for reel design details



Welding clamp not included. The one shown is for illustration purposes only.

1400 Series Welding Reels are ideal for:

- Fabrication work areas
- Automotive and truck work bays
- Mobile utility vehicles
- Repair shops
- School shop areas
- Maintenance shops

Features:

- Both 1400 and 1900 Series built to NEMA 4 standards, indoor or outdoor use
- Rugged, all-steel construction
- Positive Ratchet, including a ratchet lock-out feature for constant-tension applications
- Standard 4 Roller Guide included
- 6' Feeder Cord & Ball Stop included on Reels with cable
- Special 450 amp "knuckle-style" slip ring assembly for superior current carrying ability and reliability
- Reel will handle from 6 AWG to 2/0 AWG welding cable in lengths up to 75 feet (1400 Series) or 100 feet (1900 Series)

**Need to payout cable at an angle?
See Pivot Bases, page 24**

Choosing a Welding Cable Reel:

- The reels in the chart on page 33 are sized for a Lift/Drag application, such as for ceiling or wall/bench mounting - see page 4 for application definitions
- Make sure to consider the environment in which the reel will operate - see pages 4-5 Cable Reel Specification Data.
- Reels can be supplied with or without cable.
- Cable length is actual length. Be sure to order enough cable, see Cable Length Needed on page 5. For the Welding Reel, make sure to add 5 feet of cable to accommodate safety wraps and hook-ups.

Welding Cable Data			
Wire Size AWG	Amps	Approximate Diameter Inches	Approximate Wt lb/ft
6	95	0.370	0.125
4	150	0.420	0.200
2	200	0.490	0.275
1	250	0.530	0.365
1/0	350	0.610	0.435
2/0	450	0.635	0.550

Welding Reels Selection Chart

Lift / Drag Application Only - See Page 4

Welding Cable AWG	Cable Capacity ft (m)	Voltage Max. Amperage	Rated Duty Cycle	Max. Continuous Amperage (100% Duty Cycle)	Part No: (WITH cable)
6	25 (7.62)	600 Volts / 95 amps	100%	95 amps	145060102511
6	50 (15.24)	600 Volts / 95 amps	100%	95 amps	145060105011
6	75 (22.86)	600 Volts / 95 amps	100%	95 amps	145060107511
6	100 (30.48)	600 Volts / 95 amps	100%	95 amps	195060110011
4	25 (7.62)	600 Volts / 150 amps	60%	140 amps	145040102511
4	50 (15.24)	600 Volts / 150 amps	60%	140 amps	145040105011
4	75 (22.86)	600 Volts / 150 amps	60%	140 amps	145040107511
4	100 (30.48)	600 Volts / 150 amps	60%	140 amps	195040110011
2	25 (7.62)	600 Volts / 200 amps	60%	190 amps	145020102511
2	50 (15.24)	600 Volts / 200 amps	60%	190 amps	145020105011
2	75 (22.86)	600 Volts / 200 amps	60%	190 amps	195020107511
2	100 (30.48)	600 Volts / 200 amps	60%	190 amps	195020110011
1	25 (7.62)	600 Volts / 250 amps	60%	220 amps	145010102511
1	50 (15.24)	600 Volts / 250 amps	60%	220 amps	145010105011
1	75 (22.86)	600 Volts / 250 amps	60%	220 amps	195010107511
1	100 (30.48)	600 Volts / 250 amps	60%	220 amps	195010110011
1/0	25 (7.62)	600 Volts / 350 amps	60%	260 amps	145100102511
1/0	50 (15.24)	600 Volts / 350 amps	60%	260 amps	145100105011
1/0	75 (22.86)	600 Volts / 350 amps	60%	260 amps	195100107511
1/0	100 (30.48)	600 Volts / 350 amps	60%	260 amps	195100110011
2/0	50 (15.24)	600 Volts / 450 amps	40%	285 amps	145200105011
2/0	100 (30.48)	600 Volts / 450 amps	40%	285 amps	195200110011

Maximum dimensions shown. For actual dimensional information on a specific reel, contact Conductix-Wampfler Sales, 1-800-521-4888

