

SP-140T

120 Volt AC Input Compact Wire Welder

Here's a great little welder for project and repair welding at home, on the farm or in an autobody shop.

Requiring common 120 volt input power, the SP-140T can be used almost anywhere. With simple two knob tapped control, the machine is easy to set up for gas-less flux-cored welding for deep penetration on thicker steel or gas-shielded MIG welding on thin gauge steel, stainless or aluminum. Compare the precise drive, rugged construction and full list of standard accessories. . . Lincoln® SP-140T is an excellent choice!

Processes
MIG, Flux-Cored



Shown:
K2688-1 SP-140T

Output



Input



120 V
INPUT

Advantage Lincoln

Superior Arc Performance:

- **Forgiving arc** makes dialing in your application easy.
- **Smooth arc starts** with minimal spatter.
- **Wide 30-140 amp welding output range.**
- **MIG weld 24 gauge up to 10 gauge (.135")** sheet metal in a single pass. Weld up to 5/16" steel using self-shielded Lincoln® Innershield® wire (FCAW-S).

Professional Features:

- **Precise Wire Drive** features:
 - Precision full adjustment drive system reduces chance of wire tangling and crushing.
 - Brass-to-Brass gun connections for enhanced connectivity.
 - Large industrial closed-design drive motor for improved torque and trouble-free performance.

- **Spool Gun Ready** – add the optional Magnum® 100SG spool gun for reliable operation at the high wire feed speeds aluminum welding demands. No expensive outboard modules required.
- **No Hassle Tool-less Design** – for wire spool mounting, wire drive service and polarity changes.
- **Innovative contact tip, drive roll and nozzle storage** – keeps all your consumables close at hand.

Superb Quality:

- **Power Chassis™** channels airflow to cool power systems, structurally secures key components and traps wires and cables to avoid unnecessary abrasion.
- **Toughest PC Board Protection in the industry** – ‘Potted’ to seal sensitive components from the environment, ‘trayed’ in a tough plastic tray to add rigidity and shock resistance.
- **Three Year Lincoln® Warranty/90 Days on gun and cable assembly.**

TECHNICAL SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Dimensions H x W x D inches (mm)	Net Weight lbs. (kg)
SP-140T	K2688-1	120/1/60	90A/19.5V/20%	20A	30-140 Amps DC 50-500 ipm WFS (1.3-12.7 m/min) Max. OCV: 33	14 x 10.15 x 18.6 (357 x 258 x 472)	58 (26.3)

A CLOSER LOOK

SUPERIOR ARC PERFORMANCE

- **Forgiving arc characteristics** make dialing in your application easy.
- **Smooth arc starts** with minimal spatter.



Farm Welding



Home Projects



Repair Work

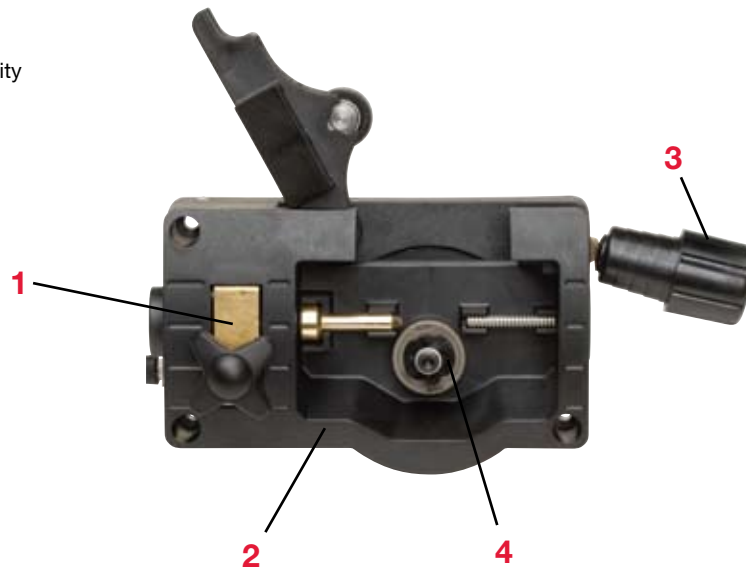
PRECISE WIRE DRIVE

Enhanced Quality

1. Brass Gun Connection Enhances Connectivity
2. Rigid Drive Aids Wire Alignment

Easy to Use

3. Easy Turn Tension Adjustment
4. Tool-less Quick Lock Drive Roll Changeovers



PRECISION ALUMINUM WELDING

Magnum® 100SG Spool Gun

Our low-priced spool gun is your most reliable aluminum feeding solution.



Great For Projects or Repair



Complete Kit. No Bulky Module Required.
Order K2532-1

A CLOSER LOOK

WHAT'S INCLUDED

SP-140T (K2688-1) Includes:

Gun

- Magnum® 100L gun and 10 ft. (3.0 m) cable assembly with brass gun connection and 4-pin MS-Type connection for trigger control (K530-6)
- .025" (0.6 mm) Contact Tips (Qty. 3) (KP11-23)
- .035" (0.9 mm) Contact Tips (Qty. 3) (KP11-35)
- Gasless Nozzle for Innershield® welding (KP1939-1)
- Gas Nozzle for MIG welding (KP21T-37)

Drive

- Spindle Adapter for 8" (203 mm) Diameter Spools (M15445-R)
- .025" (0.6 mm) Wire Diameter Drive Roll for MIG welding (KP2529-1)
- .035" (0.9 mm) Wire Diameter Drive Roll for MIG welding (KP2529-2)
- .030"-.045" (0.7-1.1 mm) Wire Diameter Knurled Drive Roll for Flux-Cored welding (KP2529-3)
- Incoming/Outgoing Wire Guide Set (KP2530-1)

Shielding Gas Apparatus

- Harris® 3000290 Gas Regulator (S25805) and 52 in. (1.3 m) Hose (S19303) for use with CO₂ or argon blend gases. (For use with CO₂ shielding gas, order a Lincoln® S19298 CO₂ shielding gas bottle adapter.)

Welding Wire

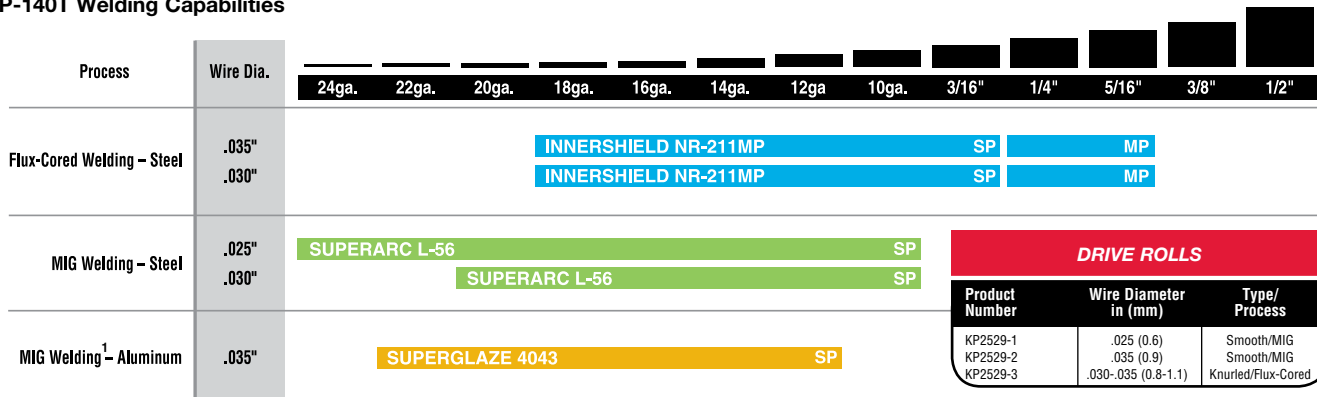
- 2 lb. (0.90 kg) Spool of .025" (0.6 mm) diameter SuperArc® L-56® premium MIG wire (ED030583)
- 1 lb. (0.45 kg) Spool of .035" (0.9 mm) diameter Innershield® NR®-211-MP flux-cored wire (ED027641)

Other

- Work Clamp and 10 ft. (3.0 m) Cable
- Handshield (G3364)
- Instruction Manual (IM-891)
- How to Use DVD (S26375)
- Learn to Weld Manual (LTW1)

PERFORMANCE PLUS

SP-140T Welding Capabilities



SP- Single Pass.
MP- Multiple Pass.

¹ Aluminum welding requires optional K2532-1 Magnum® spool gun.

RECOMMENDED OPTIONS

GENERAL OPTIONS



Welding Cart

Full-featured cart is designed to store and transport a welder, 80 cubic foot gas cylinder, welding cables and accessories. Includes an angled top shelf for easy access to welder controls, a lower tray for added storage space, a sturdy handle and a convenient cable wrap hanger.

Order K2275-1



Utility Cart

Heavy duty cart stores and transports welder, 150 cubic foot shielding gas cylinder, welding cables and accessories. Includes stable platforms for welder and gas bottle platform, lower tray for added storage capacity and adjustable height handle.

Order K520

RECOMMENDED OPTIONS

GENERAL OPTIONS CONT.

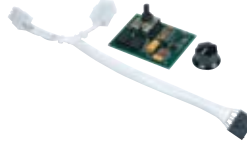


Small Canvas Cover
Protect your welder when not in use. Made from attractive red canvas that is flame retardant, mildew resistant and water repellent. Includes a convenient side pocket to hold your welding torch or gun.
Order K2377-1

WIRE FEEDER OPTIONS



Magnum® 100SG Spool Gun
Designed to easily feed 4" (102 mm) diameter 1 lb. (0.45 kg) spools of .030" (0.8 mm) or .035" (0.9 mm) diameter SuperGlaze® aluminum MIG wire. Includes gun, adapter kit, .035" (0.9 mm) contact tips (qty. 3), gas nozzle, and a 1 lb. (0.45 kg) spool of SuperGlaze® 4043 .035" (0.9 mm) MIG wire. Packaged in a convenient carrying case.
Order K2532-1



WIRE FEEDER OPTIONS CONT.

Spot Timer Kit
This timer allows you to set a fixed weld time of up to 10 seconds that is initiated when you pull the gun trigger. Ideal for making consistent spot welds on thin sheet metal.
Order K2525-1



Welding Fume Extractors
Lincoln offers a wide variety of welding fume extraction environmental system solutions, ranging from portable systems easily wheeled around the shop to shop-wide central systems servicing many dedicated welding stations.
Request Publication E13.40

SP-140T ORDER FORM

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
SP140T - 120/1/60	K2658-1		
Recommended General Options			
Welding Cart	K2275-1		
Utility Cart	K520		
Small Canvas Cover	K2377-1		
Recommended Wire Feeder Options			
Magnum® 100SG Spool Gun	K2532-1		
Spot Timer Kit	K2525-1		
Welding Fume Extractors	Request Publication E13.40		
	TOTAL:		

CUSTOMER ASSISTANCE POLICY

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