

# THE L.R. 150 and L.R. 200

## Portable Welding Generators

As approved by the Rover Co.  
Ltd. for use with the



**USE YOUR LAND ROVER  
TO BRING YOU**



THE AUTOMOBILE ASSOCIATION

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WELDING CURRENT  
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WHEREVER YOU WANT IT!

**T**HE NEW L.R. 150 and L.R. 200 Engine Driven Welders have been specially designed by Lincoln Electric Co. Ltd. as portable "package" Direct Current Welding Units for use with the LAND ROVER. They are driven directly from the LAND ROVER rear power take-off by a simple, efficient belt drive.

They are mounted on a special frame and are quickly and easily fitted in place of the tailboard, on any model LAND ROVER except Station Wagons.

Each unit is supplied with a comprehensive set of accessories to enable welding to be commenced immediately.

*Full details and specifications are given overleaf.*

Manufactured by **LINCOLN ELECTRIC CO. LTD.**  
**WELWYN GARDEN CITY · HERTFORDSHIRE · ENGLAND**

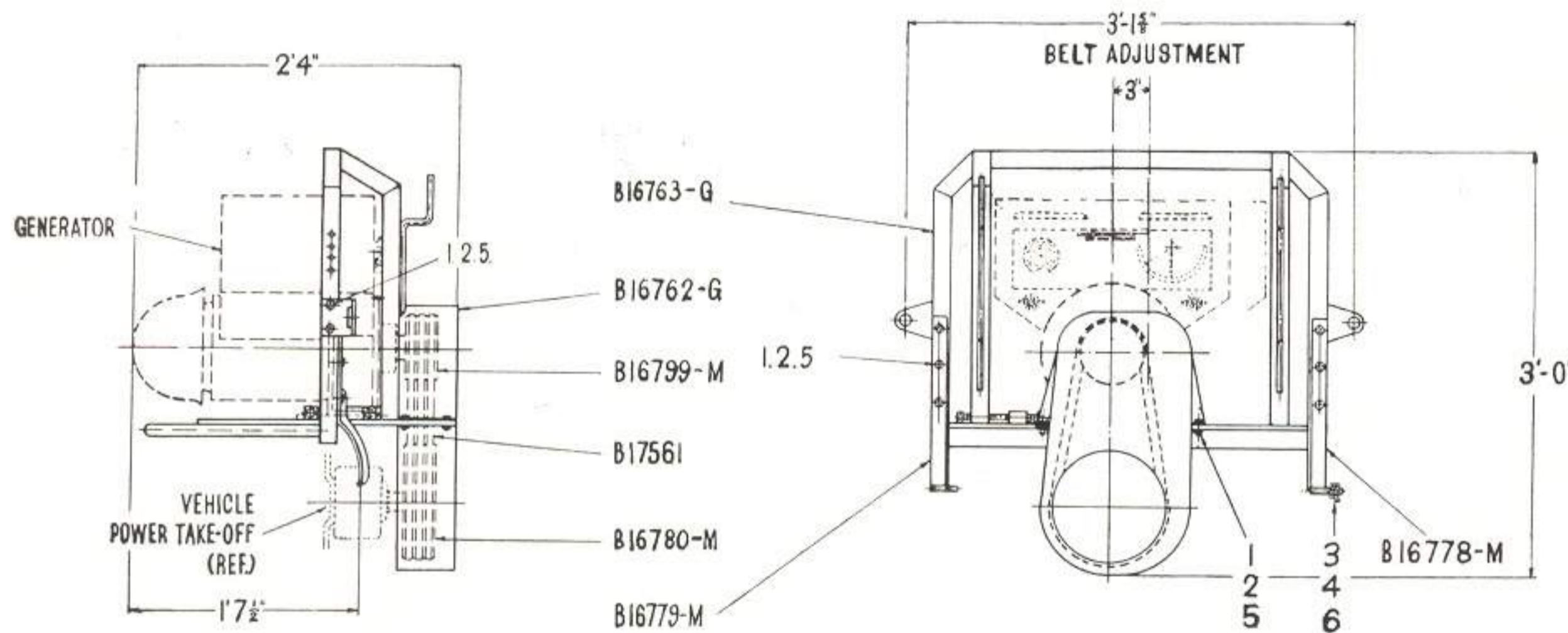
Telephone: Welwyn Garden 920/4, 4581/5 · Cables & Grams: "Shield-Arc", Welwyn Garden City

# SPECIFICATION & DETAILS OF THE L.R. 150 and L.R. 200

## Portable Welding Generator Units powered by the Land Rover

<b>GENERATOR</b>	Single operator, variable voltage type with laminated pole pieces. Output can be varied both as to voltage and current independently. Produces uniform welding current, of good responsiveness for the speedy welding of most metals and alloys, light gauge and heavy materials. Can be used with either bare or coated electrodes. Ideal for Carbon Arc Welding.			
<b>GENERATOR CONTROL</b>	The special Lincoln Electric Co. Ltd. control system permits independent adjustment of voltage and current giving complete and separate control of arc heat and arc penetration for easy, speedy welding. Both the voltage control and current control are self-indicating, simplifying the "setting" of the welder. Wing-nut cable terminals on welder base permit easy change of welding current polarity.			
<b>TYPE DESIGNATION</b>	<b>CONTINUOUS HAND-WELDING RATING</b>	<b>CURRENT RANGE</b>	<b>R.P.M.</b>	<b>ENGINE POWER REQUIRED</b>
L.R. 150	150 amp. at 30 volts N.E.M.A.	30 - 200 amp.	3000	16 b.h.p.
L.R. 200	200 amp. at 30 volts N.E.M.A.	40 - 250 amp.	3000	20 b.h.p.

### DIMENSIONS OF THE L.R. 150 AND L.R. 200 UNITS



### PARTS LIST

Part No.	Description of Part	Qty. Per Set
G.15	Generator—S.A.150	1
G.20	Generator—S.A.200	1
B.16763/G	Mounting	1
B.16778/M	Hinge R.H.	1
B.16779/M	Hinge L.H.	1
B.5206	5/16" dia. Washer—Std.	2
B.5229	5/16" dia. Washer—Spring—Double Coil	1
B.5132	5/16" BSW x 1" Bolt—Hex. Hd.	14
B.5264	5/16" BSW Nut—Aerotight	14
B.5986	3/16" dia. x 1 1/4" Split Pin	1
B.16762/G	Belt Guard	1
B.16780/M	Pulley 9 1/2" dia.	1
B.16799/M	Pulley 5 1/2" dia. o/d	1
B.17561	Pulley Belt (Fenner B50)	3
B.5202	Washer—Std.	14
B.5611	7/16" BSW x 2" Bolt (Generator to Frame)	4
B.5727	7/16" BSW Nut (Generator to Frame)	4

No.	CODE	DESCRIPTION	No. OFF
1	B.5132	BOLT—HEX. HD. 5/16" B.S.W. x 1"	14
2	B.5202	WASHER—STD. 5/16" DIA.	14
3	B.5206	WASHER—STD. 9/16" DIA.	2
4	B.5229	WASHER—SPRING—DOUBLE COIL. 9/16" DIA.	1
5	B.5264	NUT—AEROTIGHT. 5/16" B.S.W.	14
6	B.5986	SPLIT PIN. 3/16" DIA. x 1 1/4"	1

UNIT MOUNTED USING TAILBOARD HINGE BRACKETS AND FASTENING PINS, WITH TAILBOARD REMOVED.

### WEIGHTS AND CASE DIMENSIONS FOR EXPORT

TYPE	NET WEIGHT		GROSS WEIGHT		CASE MEASUREMENTS					
	lbs.	kilos.	lbs.	kilos.	LENGTH		WIDTH		HEIGHT	
					ins.	cms.	ins.	cms.	ins.	cms.
L.R. 150	350	159	475	216	35	89	31	79	31	79
L.R. 200	400	182	525	239	35	89	31	79	31	79

### LAND ROVER EXTRAS REQUIRED: —

- Rear Power Take-Off.
- Engine Speed Governor for Petrol Engined Vehicles.
- Oil Cooler Equipment, required for use in Tropical Climates.