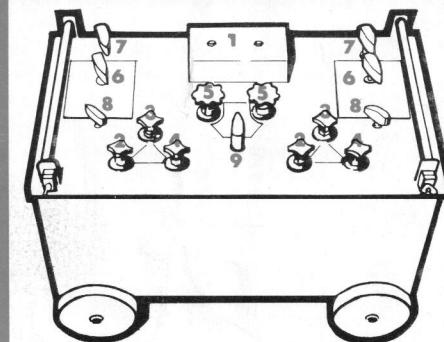
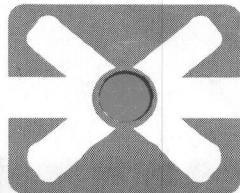


Model DRT300

Industrial Heavy Duty Double Operator Arc Welding Sets

**2x180 amps
2x300 amps
2x350 amps**

Built to the same rigid specifications as the world renown RT transformers, the Double Operator Oxfords bring you twice the output at either 50v or 80 volts without any external paralleling of terminals by simply moving a single selector control into one of two



1. Mains input terminal box.
2. 50 volt Double operator electrode terminals (welding).
3. Earth and Work Double operator terminals.
4. 80 volt Double operator electrode terminals (welding).
5. Single operator welding terminals.
6. Coarse amperage selector for current ranges.
7. Intermediate amperage selector for current ranges.
8. Mains on/off switch.
9. Double/Single operator selector control.

positions marked 50 or 80 volt working. The high output currents are then obtained by working from the special heavy duty terminals provided and using the regulators of both sides to control the current, balanced working from both sides giving optimum results. Heavy work hitherto not possible can now be carried out without the installation of expensive heavy duty single operator sets. These machines have to be used before you can fully appreciate the versatility and flexibility of the Double Operator range.

Oxford transformers do not cause interference with radio and television reception.

MODEL
DRT180
ARC WELDER

With the industrial user in mind, Oxford offer the Double Operator model DRT180 as an ideal arc welding set for the Workshop wanting two arc welders and the occasional need for the high currents available from this set. Two operators can weld from the unit quite independently at 20–180 amps at 50v and/or 30–130 amps at 80 volts. Then for the heavy "one off" jobs or even a heavy production run in which currents higher than 180 amps are required, by simply moving the

central selector control from double operator position to either 50 volts Single Operator or 80 volt Single Operator, then currents are readily available up to 360 amps.

Standard sets of accessories: 2 sets as follows:—5 metres fully flexible cable fitted electrode holder and cable lug. 4 metres fully flexible cable fitted earth clamp and lug. Handshield with glasses. Chipping hammer. Or sets to order.

MODEL
DRT 300
ARC WELDER
(illustrated)

The Double Operator model DRT300 provides currents up to 600 amps with the reliability and performance associated with all Oxford oil cooled welding transformers. Having the operators requirements to the fore, these sets provide the answer to current control, all the double operator range, not just the DRT300, have in excess of 5,000 current selections allowing deposition of most types of electrodes from 1.6mm

upwards with "spot on" accuracy. The DRT300 provides two operators with 30–300 amps at 50v or 30–220 amps at 80 volts or alternatively a single operator with up to 600 amps at 50 volts or up to 440 amps at 80 volts.

Standard sets of accessories as above.
 Heavy duty accessories available as required.

MODEL
DRT350
ARC WELDER

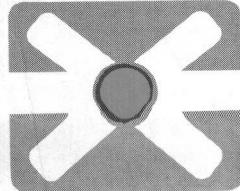
The largest industrial model in our oil cooled range of arc welding sets with current ranges from 30 amps up to 700 amps. Already a proven leader in its field, we have been asked, by demand, to continue producing the Double Operator model DRT350 for those exacting and heavy jobs which can and do come along. Thin sheet metal is also easily accommodated, proving the extreme versatility of this 'giant' of welding sets. Two

independent operators using this set each have available 30–350 amps at 55 volts or 50–250 amps at 85 volts. As with the other two machines in this range, by simply moving a selector switch, a single operator has available up to 700 amps at 55 volts or up to 500 amps at 85 volts, in other words the capability to handle almost any welding task.

Standard and heavy duty accessory sets as above.

| SPECIFICATIONS | DRT180 | DRT300 | DRT 350 | |
|--|--------------------|--------------------|--------------------|------------|
| Standard mains input (or to order) | 380 . 400 . 415 | 380 . 400 . 415 | 380 . 400 . 415 | Volts A.C. |
| Welding amperage single operator 50 volt | 20–360 | 35–600 | 30–700 | Amps |
| Welding amperage single operator 80 volt | 30–260 | 50–440 | 50–500 | Amps |
| Welding amperage double operator 50 volt | 20–180 | 35–300 | 30–350 | Amps |
| Welding amperage double operator 80 volt | 30–130 | 50–220 | 50–250 | Amps |
| Welding open circuit voltage | 50 and 80 | 50 and 80 | 55 and 85 | Volts |
| Current selection single operator | 72 x 72 | 72 x 72 | 72 x 72 | |
| Current selection double operator | 72 each | 72 each | 72 each | |
| Welding electrode size | 1.6mm upwards | 1.6mm upwards | 1.6mm upwards | Inclusive |
| Maximum duty cycle (for wiring up) | 10.8 | 18.0 | 21.0 | kVA. |
| Welding rating | 18.0 | 30.0 | 35.0 | kVA. |
| Weight | 265 | 386 | 432 | kgs |
| Overall dimensions | 775L x 553W x 642H | 940L x 616W x 660H | 990L x 710W x 690H | mm |
| Oil capacity | 106 | 147 | 168 | lts. |

Complete range can be supplied fitted with p.f. correction capacitors which reduce the mains loading (extra). All Oxford sets are guaranteed for 12 months.



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