INSTRUCTIONS FOR
MECCANO TRANSFORMER
TYPE T20

Output : 20VA at 20 Volts

This Transformer provides an economical and perfectly safe means of running a Meccano 20-volt Motor from Alternating Current mains supply. It transforms the high voltage of the mains down to the low voltage required by the motor.

All transformers work only on Alternating Current (A.C.). This Transformer therefore must not be connected to Direct or Continuous Current (D.C.).

The output of the Transformer is controlled by movement of the regulator handle over the six studs. The stud on the extreme left is the "off" position. The second stud gives maximum current, and the remaining studs give successive reductions of the current.

The Transformer can be used with any apparatus requiring an Alternating Current supply up to 1 amp. at 20-volts. Care must be taken not to exceed the rated output of the Transformer, as continuous overloading causes damage to the windings.

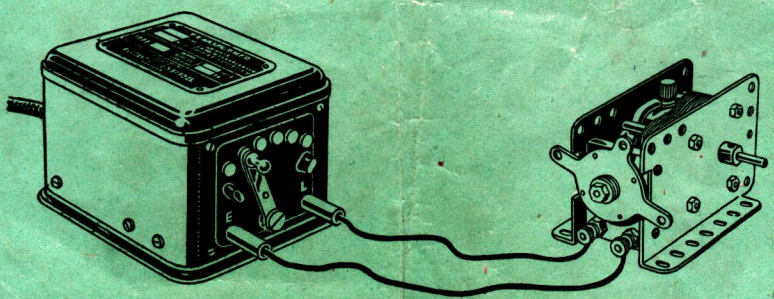
The three-core flex provided with this Transformer is intended to be used with a three-pin plug and socket. If your plug is of this type, connect the two leads coloured repectively Red and Black to the two smaller pins which are generally marked L and N. Connect the remaining GREEN coloured lead to the larger pin, which is the earthing terminal.

ON NO ACCOUNT MUST THE EARTH LEAD BE CONNECTED TO EITHER OF THE SUPPLY TERMINALS.

If you have a two-pin plug, connect the Red and Black leads to the terminals of these pins, leaving the Green earth lead disconnected. When a two-pin plug is used the earth lead may be connected to a separate earth. This should certainly be done where the Transformer is to be used on a stone or concrete floor. If in doubt, consult your electrical supplier.

DRIVING A MECCANO MOTOR

The illustration shows how the Transformer is connected for driving a Meccano 20-volt Motor. When used for this purpose the Transformer should always have the regulator handle in the maximum position. The Motor will then run at its maximum efficiency. Any required reduction in the speed of a model should be brought about by means of reduction gear, not by slowing down the Motor.



MECCANO LIMITED — LIVERPOOL — ENGLAND

16/949/10 *Printed in England*