




## Specification For Desk Top Copier

### 1.0 Scope

This specification covers the general requirements, installation and commissioning of photo copier operating on 230V single phase, 50Hz to be used in Electrical Design Office for photo copying of technical documents, drawings and specifications/ instruction sheets applicable for various coaches manufactured at RCF.

### 2.0 Technical Requirements:

- 2.1 The machine shall be desktop copier /Clamshell design type operating in Indirect electrostatic photographic method .
- 2.2 **Speed:** The machine should be able to copy on A4 /letter size paper at a speed of 20 copies per minute with first copy time not more than 5 secs.
- 2.3 **Size :** Original size (Max.)    A3(420x297mm)  
   Copy size (Max.)        A3(420x297mm)  
   (Min.)        A5(148x210mm)
- 2.4 **Paper supply :** Drawer should be able to accommodate 650 sheets.
- 2.5 **Warm up time:** The warm up time of the machine shall not be more than 90 Secs.
- 2.6 **Magnification :** The machine shall have zoom facility of 50% to 200% in increments of 1%.
- 2.7 **Dimensions :** The maximum dimensions of the machine shall not exceed 550x500x650 mm(WxDxH).
- 2.8 **Weight :** Weight of the machine shall not exceed 75 Kg.
- 3.0 **Electrical Requirements:**
- 3.1 The machine shall operate on standard single phase power source of voltage varying from 200-250V at 50 Hz, single phase.

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**3.2 Power Consumption :**

Power consumption should be advised in the offer by the tenderer . Requirements of stabilisation of voltage if necessary shall be advised clearly in the offer. The tenderer shall also quote for the suitable voltage stabiliser.

**4.0 Accessories :**

4.1 All standard accessories supplied with the machine shall be separately listed in the offer. The cost of standard accessories shall be included in the cost of the basic equipment.

4.2 Operational accessories which will enhance the utility of the machine shall be separately listed and quoted for. A brief description of the operation of the operational accessories shall be given to enable an assessment of the usefulness of the same being made while evaluating the tenders.

**5.0 Installation , Commissioning And Acceptance Criteria :**

5.1 The supplier will install and commission the machine at RCF/KXH free of cost with his own labour within 15 days from the date of arrival at site. Further, he will prove out the performance of the machine to the entire satisfaction of the consignee. In this case, the satisfaction of the consignee will be final regarding whether the machine has been fully proved out or not.

**6.0 Training and Documentation :**

6.1 The supplier shall provide on-site free of cost training to RCF personnel for two days after commissioning . The supplier shall also provide users and diagnostic/trouble shooting manual in English.

**7.0 Other Features**

7.1 The tenderer may specify and explain additional /exclusive feature available on their machine.

**8.0 Guarantee**

Machine shall be guaranteed against manufacturing defects for its satisfactory performance for a period of 12 months from the date of commissioning or 18 months from the date of supply whichever is earlier for any defect due to defective design, materials, manufacture and workmanship type defects, if any, will continue to attract warranty till they are satisfactorily overcome. The supplier shall give free, prompt and efficient after sale service in rectifying defects during warranty periods at RCF.

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