

INSTALLATION ENGINEERING DATADate form completed 14 July 67

(See Remarks at end of form)

Tentative ☐ Valid until _____Final data ☒

I. INSTRUMENT

- A. Name of instrument: Super-Wide Print Straightener
- B. Manufacturer: _____
- C. Contract number: _____
- D. Delivery date: Tentative: 2 June 1967 Final: 17 July 67

25X1

II. PHYSICAL FEATURES

A. Sub-assemblies:

N/A

1. Number of sub-assemblies: _____
2. Largest sub-assembly: Weight _____ lbs; _____" H x _____" W x _____" D
3. Heaviest sub-assembly: Weight _____ lbs; _____" H x _____" W x _____" D

B. Assembled instrument:

1. Number of major components: 1
2. Largest component: Weight 300 lbs; 39" H x 34-1/2" W x 90" D
3. Heaviest component: Weight _____ lbs; _____" H x _____" W x _____" D
4. Total floor space required after assembly, including maintenance access space. 5 Ft. 4 In. High x 4 Ft. 7-1/2 In. Wide x 7 Ft. 6 In. Deep.
5. Total weight of assembled instrument: 300 lbs.

C. Type of base of mount: Flat _____; 3-point suspension _____; 4-point suspension XD. Does the instrument have built-in mobility? Yes X No _____

E. Is the instrument particularly sensitive to vibration? Yes _____ No X

Will the instrument generate vibration? Yes X No _____

F. Are any special or unusual tools or fixtures necessary or advisable for the installation of the maintenance of this instrument? Yes _____ No X

If "Yes," please describe: _____

III. UTILITIES

A. Electrical:

1. Voltage 110 Volts AC _____ Volts _____ Volts DC
2. Current 20/1 Amps/phase _____ Amps
3. Frequency 60 cps
4. Nr. of phases 1 Ph
5. Nr. of wires 3
6. Power required 1800 Watts _____ Watts
7. Power factor _____ (Leading) (Lagging)
8. Type of outlet: Two prong _____; three prong X; Twist lock _____; Perm. _____
9. Type of ground: Building conduit X; Direct earth ground _____
10. Should the instrument be shielded, either from external electromagnetic signals or to prevent interference with other equipment? Yes _____ No X
- If "Yes," to what extent? _____

N/A

B. Air conditioning:

1. Desired environment: Room air temperature of ___ °F / ___ °F and relative humidity of ___ % / ___ %.
2. Input Air: Is a direct connection necessary? Yes ___ No ___; Adviseable? Yes ___ No ___; If "Yes," what is the connector type and size? _____. Recommended input air temperature ___ °F / ___ °F. Relative humidity ___ % / ___ %. If input air must be filtered, what is the maximum particle size in microns? _____. What particle count? _____. / cu. ft.
3. Output Air: Is a direct connection to the return air duct necessary? Yes ___ No _____. Adviseable? Yes ___ No _____. Connector type and size? _____. Output air temperature ___ °F / ___ °F. Relative humidity ___ % / ___ %. Output heat ___ BTU/Hr. Flow of ___ CFM. Is output air toxic? Yes ___ No ___; Noxious? Yes ___ No ____.

C. Plumbing:

1. Is water required? Yes ___ No ___; Pressure ___ PSIG, flow ___ GPM.
2. Type of water required:
 Tap ___ °F / ___ °F Deionized ___ °F / ___ °F
 Tempered ___ °F / ___ °F Filtered ___ °F / ___ °F
 If filtered, give maximum permissible particle size in microns and the maximum permissible count. _____ microns _____ particles/cu. ft.
3. Pipe required:
 Galvanized _____ Copper _____ Size _____
 Stainless Steel _____ Plastic _____ Type of connector _____
4. Floor drain:
 Diameter of drain _____ Galvanized drain? _____
 Plastic drain? _____ Glass drain? _____
5. Are any chemical solutions used in the device? Yes ___ No _____. If "Yes," state the nature of the solution(s), permissible temperature range, flow rate in appropriate units and the filtration necessary for each solution _____.
6. Size of pipes and connectors _____.

D. Compressed air:

Is compressed air required? Yes ___ No _____. Water free? ___ Oil Free? ___
 Type and size of connector? _____. Pressure ___ PSIG. Flow in CFM
 Maximum ___, minimum ___, average _____.

E. Vacuum:

Is vacuum required? Yes ___ No _____. Pressure ___ PSIA or (inches of water) (millimeters of mercury). Displacement in CFM, maximum _____, minimum _____, average _____. Type and Size of connectors _____.

F. Peripheral Devices:

Will the instrument be connected to any peripheral devices such as a computer or data input or data output device? Yes ___ No _____. If "Yes," give, in detail, the nature of the connection to the peripheral device such as coaxial cable, multiple wire connector, etc.

IV. REMARKS

- A. Use additional sheets if more space is required for environmental conditions or utilities not mentioned above.
- B. Submit three typed copies of the completed form to the Technical Representative.

- C. Attach three copies of a dimensioned outline drawing of each major component and of the completed assembly. Include the estimated weight of each major component and of the completed assembly. Indicate, on the outline drawing of the completed assembly, the space required for access to the instrument for maintenance.
- D. If a question does not apply to the instrument, insert "N/A" (Not Applicable) in the appropriate blank space.

Information provided by:



25X1

Project Engineer
(Position or job title)