



hp Designjet 20ps,
50ps inkjet printer

environmental
profile

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**Hewlett-Packard Company
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Product description

Model: DesignJet 20ps, 50ps inkjet printer, C7790X (where X denotes changes not affecting significantly the product performance here described)

Weight: 27,7lb (12,5 kg)
Height: 8,78 in (22,5 cm)
Width: 17,41 in (44,5 cm)
Depth: 28,5 in (73,5 cm)

(Measurements provided are for a non-packaged product)

Environmental certifications

This product conforms to the following voluntary environmental program criteria:

- ENERGY STAR®

Other features

HP has designed this product with the following additional features to help the user conserve resources:

- Draft Quality Printing Option—saves ink
- Stand—by mode user actionable by front pannel—saves energy

Warranty, service & options

Standard Warranty: 1 year
Extended Warranty: 3 years, Refer to the product User's Guide for full warranty information
Spare Parts Available: 5 years after end of production
Service Available: 5 years after end of production

The product can be upgraded, or its useful life extended as follows:

- Expandable Memory
- Optional Accessory (network card, automatic hp duplex, hp pre-press software)

Operational data

Operational Mode: 11 pages-per-minute

Energy Consumption:

Operation:	65 W
Idle/Ready/Standby:	18 W
Off:	< 3 W

Acoustical Noise: (declared sound power (L_{wAd}) per ISO 7779/ISO 9296)

Operation:	6,4 bels
Idle/Ready/Sleep:	5,2 bels (inaudible)

product safety information

For chemical information about related HP printer supplies, please refer to Material Safety Data Sheets for these products at: <http://www.hp.com/go/msds>

product restricted materials

The information in this section refers to materials restricted by regulation or law and applies to parts, components and products sold by HP. This product does **not** contain:

- Asbestos
- Cadmium as a stabilizer, coloring agent or surface coating treatment. The total concentration of cadmium in any part, component or material in this product is ≤ 50 mg/kg.
- Lead carbonates or sulfates are not contained in any paint applied.
- Mercury (except lamps containing less than 10 mg)
- Chlorofluorocarbons (CFCs), halons, HCFCs, HBFCs, 1,1,1 trichloroethane, carbon tetrachloride or methyl bromide.
- Chlorinated or brominated dioxins or furans are not present at a concentration that is currently prohibited by law.
- Polychlorinated biphenyls (PCB) or polychlorinated terphenyls (PCT).

For additional product material information about this product, see "additional product materials" below. For product material information for associated batteries and packaging, see "batteries" and "packaging", below.

additional product materials

- Plastic parts do not contain polybrominated biphenyls (PBBs) or polybrominated biphenyl ethers (PBBEs) (also known as polybrominated biphenyl oxides (PBBOs)).
- Halogenated flame-retardants are not used in the housing plastics.
- Main housing parts are exempt (HB Flame class)

Batteries

This product does not contain batteries.

Packaging

- Packaging materials do not contain lead, mercury, cadmium or hexavalent chromium as an intentionally added element. The sum concentration of incidental lead, mercury, cadmium and hexavalent chromium in the packaging for this product is less than 100mg/kg.
- No chlorofluorocarbons (CFCs), halons, HCFCs, HBFCs, 1,1,1 trichloroethane, carbon tetrachloride or methyl bromide are used in plastic foam packaging materials.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

External:

Corrugated paper Weight: 7 kg

Internal:

Polystyrene-Foam Weight: 1,4 kg

HP designs packaging to be recyclable where practical. The recyclability of the packaging depends on the availability of municipal recycling programs for the packaging used.

- To ensure compliance with local packaging take-back requirements in the European countries, HP is a member of the local recovery schemes.

End-of-life management/ recyclability

Hewlett-Packard offers end-of-life HP product return programs in certain geographic areas.

To determine if a program is available for this HP product in your area, please refer to our recycling Web site at <http://www.hp.com/go/recycle> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner

This HP product is designed to enhance end-of-life disposal options by:

- Marking plastic parts weighing more than 25g according to ISO 11469 international standards
- Eliminating glues and adhesives from product construction where technically feasible
- Using common fasteners

This HP product contains the following materials that may require special handling at end-of-life:

Lead in solder

For recycling information, you can contact www.hp.com/go/recycle or contact your local authorities or the Electronics Industries Alliance: www.eiae.org.

Company information

- Environmental Policy

Hewlett-Packard Company established an environmental policy in 1992 with the goals of providing products and services that are environmentally sound throughout their lifecycles and conducting its operations worldwide in an environmentally responsible manner. HP has strengthened that commitment with the intent to be the recognized leader in inventing environmentally sustainable solutions for the common good.

- ISO 14001

In June 2000 HP achieved ISO 14001 certification—the international standard for environmental management systems—of its worldwide manufacturing operations. Issued by the independent registration firm, Bureau Veritas Quality International (BVQI), this global certification is your assurance that HP's policies, procedures and organization for managing the environmental aspects of our operations meet the voluntary requirements of ISO 14001.

- Ozone-Depleting Substances

Hewlett-Packard has eliminated all manufacturing process uses of chlorofluorocarbons (CFCs), HBFCs, halons, 1,1,1 trichloroethane (TCA), carbon tetrachloride and methyl bromide, and we require suppliers to avoid using these chemicals in their manufacturing processes.

for more information

The following information is available online at <http://www.hp.com/go/environment>

- More about HP's commitment to the environment
- Material Safety Data Sheets (MSDS) for HP printer supplies
- Environmental profiles for many related HP products
- End-of-life return and recycling programs for selected HP products, depending upon geographic location

The information presented in this document is based largely on the recommendations made by the ECMA Standardizing Information and Communication Systems Technical Committee 38, Technical Report 70, and is believed accurate and reliable for operating HP DesignJet 20ps, 50ps inkjet printer, including recommended maintenance and use of supplies and accessories that meet all requirements and recommendations presented in the user/service manuals. Data are the most current available to Hewlett-Packard at the time of preparation and is issued as a matter of information only. No warranty as to accuracy or completeness is expressed or implied. The information in this document is subject to change without notice.

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