AccessionIndex: TCD-SCSS-T.20190917.005
Accession Date: 17-Sep-2019
Accession By: Pat O'Byrne
Object name: Brother HR-15 printer
Vintage: c.198x
Synopsis: Tractor-feed printer used by Roads Design Office, Co.Cork.

Description:
This item is a Brother HR-15 printer used by the road design engineers in Cork
County Council. This items was part of the first iteration of road design computing,
see *"Comart Commmunicator Computer and peripherals"* elsewhere in this catalog.

Brother Industries Ltd is a well known Japanese printer company manufacturing
sewing machines, including computer controlled machines, that diversified into
printers in the 1960s. From 1970 onwards, daisy-wheel printers (invented at Diablo
Ltd) superceded the IBM *Selectric* electric typwrite/printer. They use a disk (*wheel*)
with typically 96 characters on fingers surrounding the hub of the wheel. To type a
particular character, the wheel is rotated as needed then the finger is struck with a
hammer to create the imprint (through an ink ribbon) of the character on the paper.

Many thanks to Pat O'Byrne for donating this item, and to Pat and his wife for
transporting this item from Cork to this collection.

The homepage for this catalog is at: https://www.scss.tcd.ie/SCSSTreasuresCatalog/
Click *'Accession Index'* (1st column listed) for related folder, or *'About'* for further guidance.
Some of the items below are more properly part of the other categories of this catalog,
but are listed here for convenience.

Accession Index	Object with Identification
TCD-SCSS-T.20190917.005	Brother HR-15 Lear Siegler LSI-310 printer. Daisy-wheel printer used by Roads Design Office, Co.Cork. c.198x.
TCD-SCSS-T.20190917.001	Comart Communicator Computer. Computer used with Lear Siegler ADM-3A terminal and acoustic coupler to interact with design software in TCD. c.1979.
TCD-SCSS-T.20190917.002	SORD M343SX Multi-user Computer. Computer used with Lear Siegler ADM-3A terminal and acoustic coupler to interact with design software in TCD. c.1984.
TCD-SCSS-T.20190917.003	Tulip AT 386/25 PC. Desktop i386-based PC used with powerline printer/plotter sharing adapters and multi-port printer/plotter switches by Roads Design Office, Co.Cork. c.1985.
TCD-SCSS-T.20190917.004	Lear Siegler LSI-310 printer. Tractor-feed dot-matrix printer used by Roads Design Office, Co.Cork. c.1980.
TCD-SCSS-X.20121208.005	History of the Computer Laboratory, Trinity College Dublin. The evolution of Trinity College Dublin computing services as reflected in the long line of machines used by the Computer Lab since its inception. c.1968.
TCD-SCSS-T.20160323.001	Networking and the Internet. Networking hardware and the arrival of the Internet in Ireland. 1991.

References:

1. Wikipedia, *Brother Industries*, see:
   https://en.wikipedia.org/wiki/Brother_Industries
   Last browsed to on 1-Nov-2019.

2. Wikipedia, *Daisy wheel printing*, see:
   https://en.wikipedia.org/wiki/Daisy_wheel_printing
   Last browsed to on 1-Nov-2019.

Figure 1: HR-15 printer, front three-quarter view

Figure 2: HR-15 printer, front view
Photograph courtesy Pat O'Byrne

Figure 3: HR-15 printer in action with Comart Communicator, ADM-3A and modem
Photograph courtesy Pat O'Byrne

Figure 4: HR-15 printer model label

Figure 5: HR-15 printer control panel
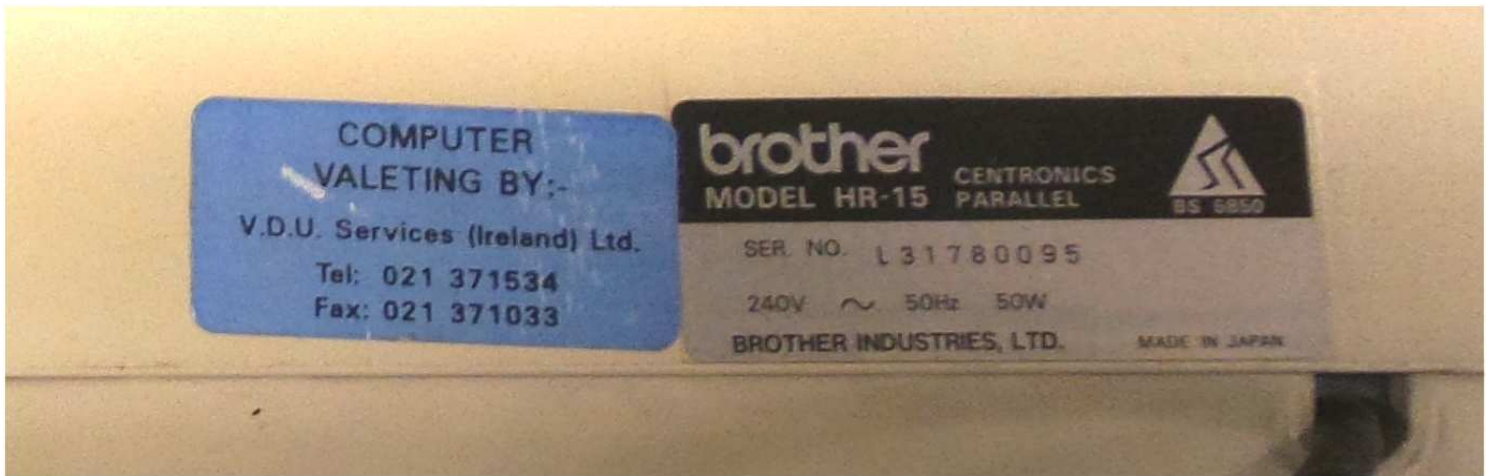

Figure 6: HR-15 printer, rear view

Figure 7: HR-15 printer input/output connectors

Figure 8: HR-15 printer manufacturing label