Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE, New Delhi)

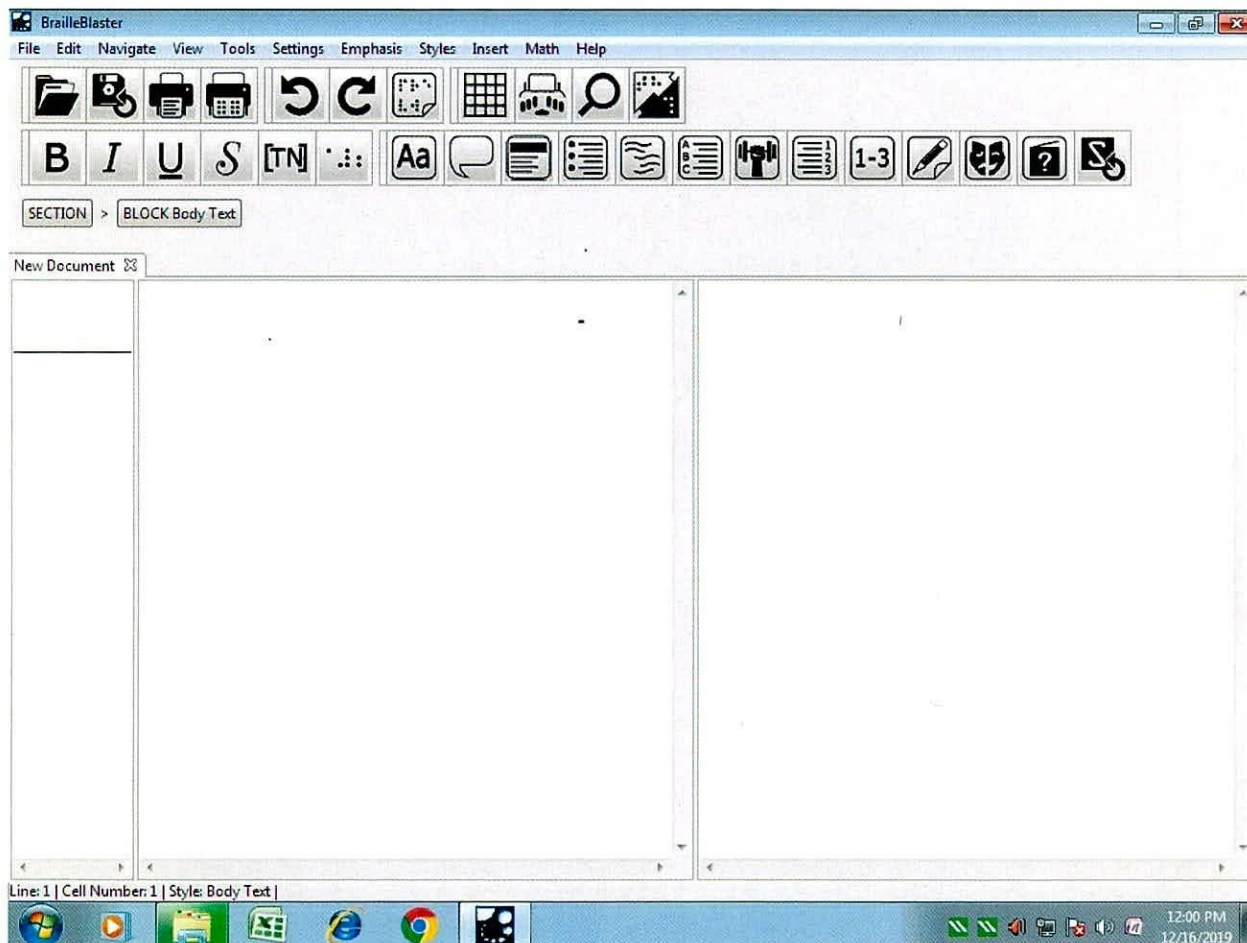#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

7.1.7 The Institution has disabled-friendly, barrier free environment

Details of software

SI. No	Content	Page No
1	Braille Blaster open software	2
2	Braille Blaster open software installation details	3-7

Sapthagiri College of Engineering
(Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE, New Delhi)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

b. **Braille software/facilities**:

Braille blaster open software which is installed in the main library to assist the blind peoples to work through the computer. College will provide supporting hard copies and reading software material for needy peoples.

Screen shot of Braille blaster open software

BrailleBlaster

A New Choice in Braille Transcription Software

BrailleBlaster™ is a braille transcription program developed by the American Printing House for the Blind to help transcribers provide blind students with braille textbooks on the first day of class.

Download | Documentation | Donate

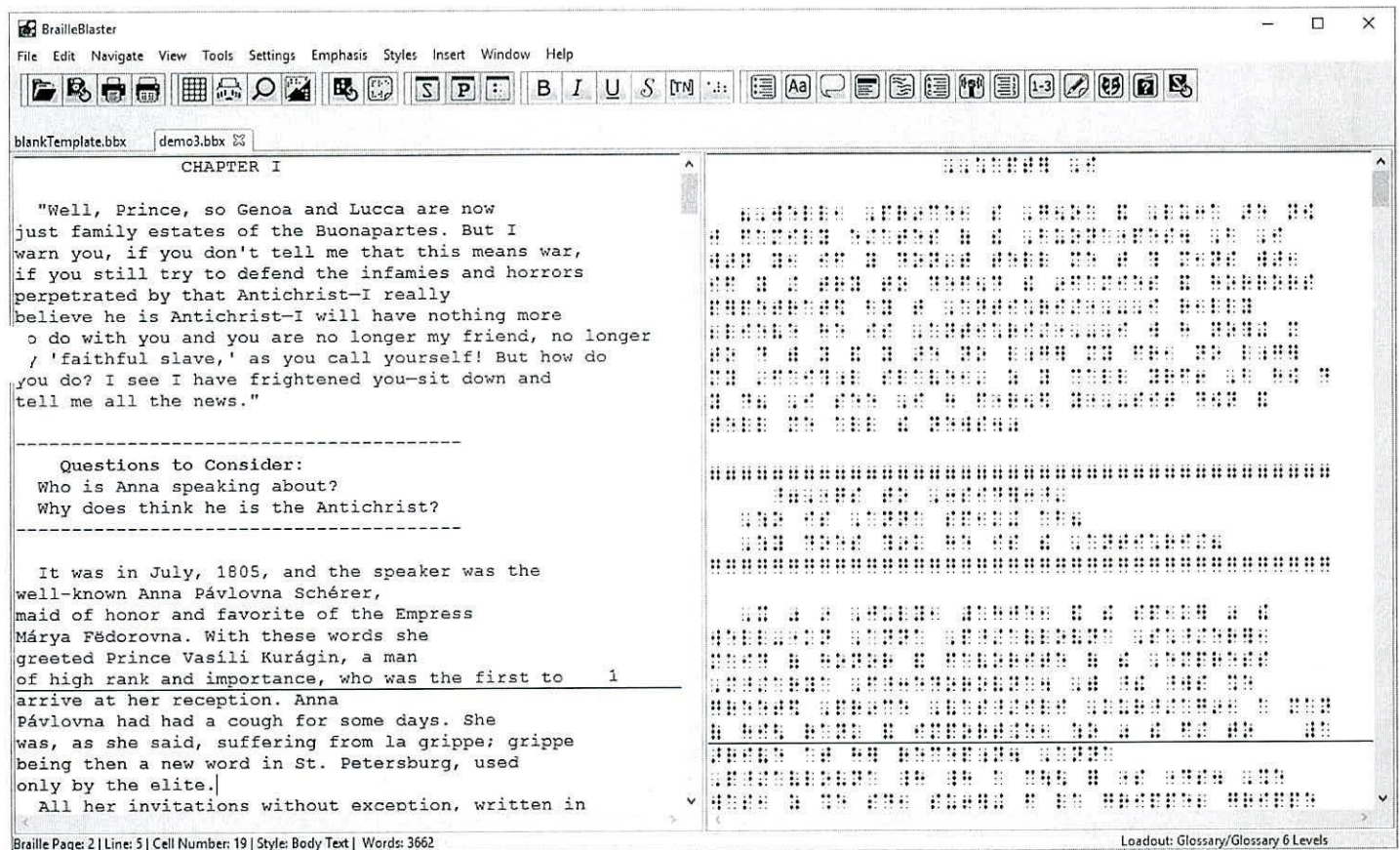# American Printing House for the Blind, Inc.

What is BrailleBlaster?

BrailleBlaster takes advantage of the rich markup contained in NIMAS (National Instructional Materials Accessibility Standard) files to automate basic formatting and gives you tools to make advanced tasks quicker and easier. Designed primarily for editing textbooks that meet the

specifications published by the Braille Authority of North America, the purpose of BrailleBlaster is to help braille producers ensure that every student has their braille textbooks on the first day of class.

BrailleBlaster relies on Liblouis, a well-known open-source braille translator, for translating text and mathematics to braille.

BrailleBlaster Features

- Translate braille accurately in UEB or EBAE
- Format braille
- Automate line numbered poetry and prose
- Split books into volumes
- Add transcriber notes
- Describe images
- Automate braille table of contents, glossaries, preliminary pages and special symbols pages
- Automate a variety of table styles
- Translate and edit single line math
- Do much more!

The development of BrailleBlaster and modifications to Liblouis are part of the REAL Plan (Resources with Enhanced Accessibility for Learning). The REAL Plan is an ongoing initiative of the American Printing House for the Blind to improve the conversion and delivery of braille and other accessible

INDIAN BRAILLE TRANSLATOR

I NDI AN BRAI LLE TRANSLATOR

Indian Braille Translator has been developed in India and supports translation of Indian languages to Braille. It's main features are:

a) Compatible with Braille Embosser & Braille Display

The software is compatible with Index Braille Embossers. File translated can be sent for printing to an Index Embosser directly from the software.
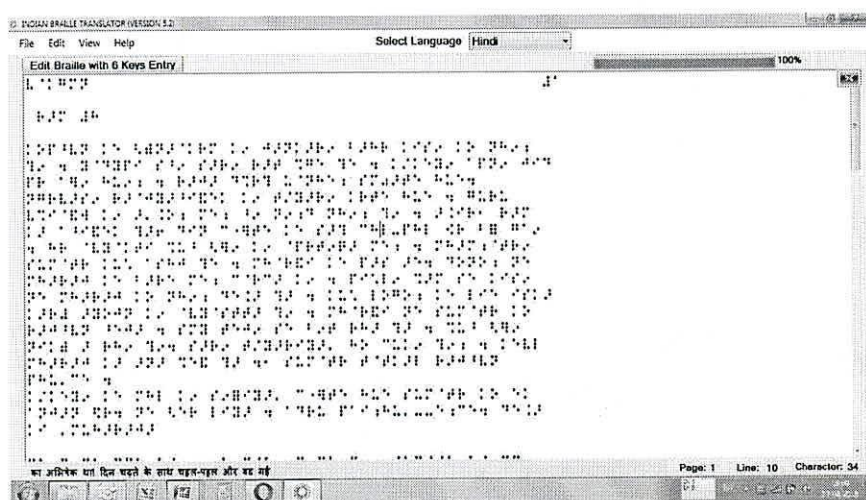
The translated file can be saved in BRF format and then transferred to a Braille display for reading in Braille.

) File formats

Supports opening of txt, doc, docx, rtf & brf formatted files. The translated file can be saved in BRF format

c) Page formatting

Set the page formatting as per characters per line, lines per page & page numbering.

d) Language Support

The software supports translation of Hindi, English, Marathi, Sanskrit, Gujarati, Urdu, Oriya, Tamil, Assamese, Bengali, Telugu, Punjabi & Kannada.

e) Editing & Six Key entry

The software supports editing of Braille files and six key entry system by which you directly type in Braille.

f) Updates

All the future updates of the software are free of cost

g) Buy Once, Use for Lifetime

The software is activated via internet. It also has deactivation feature. You can de-activate your PC and activate on another PC any time you want.

h) Local Support

The software has been developed in India and if there is any issue your problem will be resolved

Braille

Embossing speed cps	100 cps
Single-sided	√
Double-sided	√
Vertical printing (booklet)	√
Adjustable line spacing	√
Braille font	2.2, 2.5, 3.2 mm
Forming method	13 solenoids (hammers) against steel anvils
Additional info	interpoint [standard braille] and interline [w/ 2.2 mm font] available

Communication

USB	√
USB memory stick	√
Wi-Fi and wired network	√
Bluetooth	√
Support mobile devices	√
Printer driver for Windows	√
Printer driver for Mac	√
Printer driver for Linux	√
Web interface	√
Free firmware upgrade	√
Support idB	√

Paper

Tractor-fed	√
Paper weight	120-180 g/m² (80-110 lbs)
Paper width	100-325 mm (3.9 - 12,8 in)
Paper length	25-431mm (1 - 17 in)
Adjustable paper size	√

Measurements

Height	13 cm (5.12 in)
Width	52 cm (20.47 in)
Depth	26 cm (10.24 in)
Net volume	17.58 dm³ (0.62 ft³)
Net weight	7.6 kg (16.72 lbs)
Noise level	80 dB(A)
Noise level with acoustic protection	63 dB(A)

Electrical

Voltage	100-240 V AC
Power max	140 W
Power stand by	5 W
Eco power down	0.05 W
Switched power supply	√

General

Warranty	2 years
cps/1000 USD	27
Produced by	Index Braille AB

Principal
Sapthagiri College of Engineering
Chikkasandra, Hosaraghatta Nbuy
Bangalore- 560 057

For more detailed information, please see: www.indexbraille.com

Produced by:

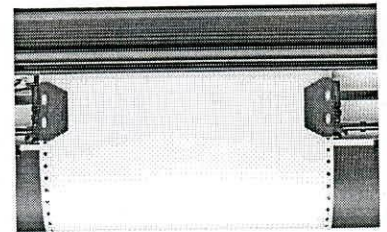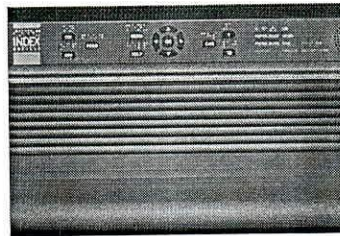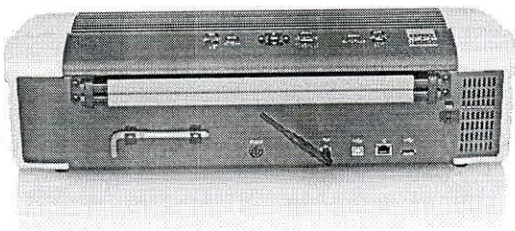**Index Braille AB**
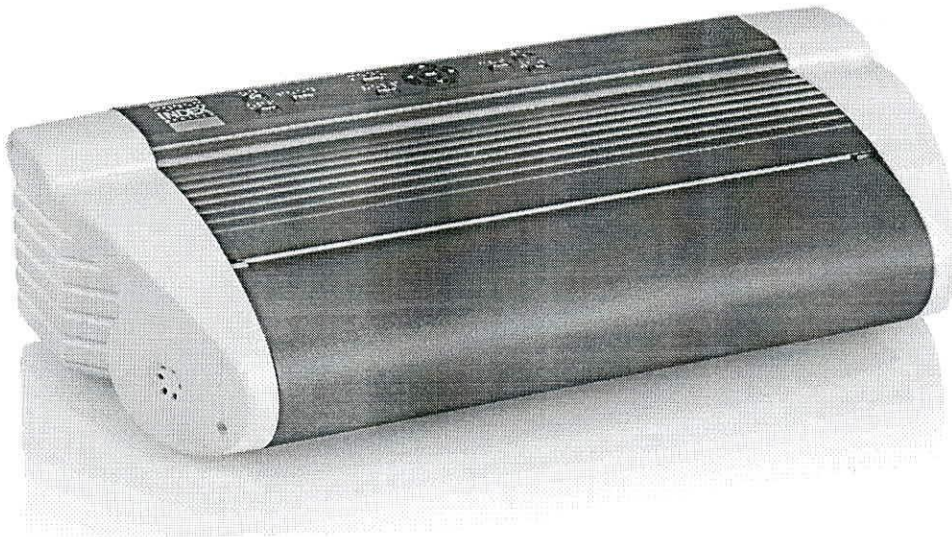
Hantverksvägen 20
S-954 33 Gammelstad
Sweden

Contact us

Phone	: +46 920 2030 81
Email	: order@indexbraille.com
Website	: www.indexbraille.com

INDEX
BRAILLE

All information is subject to change without prior notice.

INDEX
BRAILLE

Basic-D V5
World leading tractor-fed braille embosser

Basic-D has been the most sold braille embosser in the world. Its light weight design and competitive price makes it truly unique.

- Compact size
- Connection to USB memory
- 100 characters per second
- Print from portable devices
- Braille and text labeled control panel

Braille printing made easy