

Ensoft Systems Pvt. Ltd., India are specialized in the development of Construction Software. They have introduced a series of software over the years, one for Structural Design Applications and other for Quantity Estimation works.

Build-Master

A Complete Package for Building Analysis, Design and Detailing



BUILD-MASTER is the flagship software of ENSOFT. It is a complete package for Building Analysis, Design Drawing and Estimation. Data for the building is entered floor wise, in the form of graphical sketch. Program will generate 3D Space frame model with earthquake and wind loads. Multi storied analysis is and carried out with Shear Walls, Flat Slab idealization as well. It designs RCC beams & slabs at all levels and also the columns and footings. Designs are based on latest IS codes. It generates working drawings of floor plans, design schedules and beam details in DXF

format, which can be read by CAD packages. Designed member sizes are displayed on plan layout, with required and provided areas of reinforcement steel as. It uses an innovative concept of estimating quantities of items like concrete, reinforcement, brickwork, plaster etc., automatically from floor plans without entering data in LxBxD format.

Steel-Master

Structural Steel Design Package



Steel-Master software is for the design of steel structures, like industrial sheds, trusses, columns, gantry girders, portal frames, multi-storied platforms, towers etc. It has many pre-defined truss and frame configurations. It calculates the dead load, live load and wind automatically. It also generates section-wise quantities of items. Rolled sections like angles, channels, hollow box or tubular sections can be used in design. It comes with a Built-Up section Editor, with which user can create his own Library of frequently used sections.

ConBelt

Conveyor Belt Supporting Structures



ConBelt

ConBelt software utility creates data files for carrying out the analysis and design of various types of **Supporting Structures for Conveyor Belt, Hoardings** etc. Data for **Gallery Truss, Straight & Tapered Trestles and Junction Houses** can be created. Data files are compatible with ENSOFT Steel-Master software.

Gallery Truss can be horizontal or inclined. It is idealized as a 3D Space truss, with vertical and horizontal planes. Joints of the truss can be assumed as hinged or fixed. Only dimensions, conveyor loading and wind pressure shall be entered as input. Program generates geometry with member arrangements on all 4 sides and top/bottom nodal loads. Trestle can have of different shapes of lacings i.e. Single Inclined, A-Shaped, X-shaped and Double A Shaped etc. Junction Houses can have 4 or 6 columns with floors at different levels.

Road-Master

Road and Land Survey Earthwork Quantities



Road-Master software is useful for doing cumbersome earthwork calculations. Land-Survey module generates **3-D view** of ground from level data and **contour** maps for any desired contour intervals. Program works out excavation and filling **quantities**, for the proposed land profiles. Road-Quant module generates cross-**sections** at each chainage along the length of roads, railway, canals, dams etc.

For more Details get in touch with us today !

ENSOFT SYSTEMS PVT. LTD.

C-509 Bhaveshwar Plaza, L. B. S. Marg, Ghatkopar (W), Mumbai – 400 086, INDIA
Tel : (91-22) 2500 8866, Fax : (91-22) 2500 3505, E-mail : ensoft@gmail.com

Website: www.ensoft.co.in