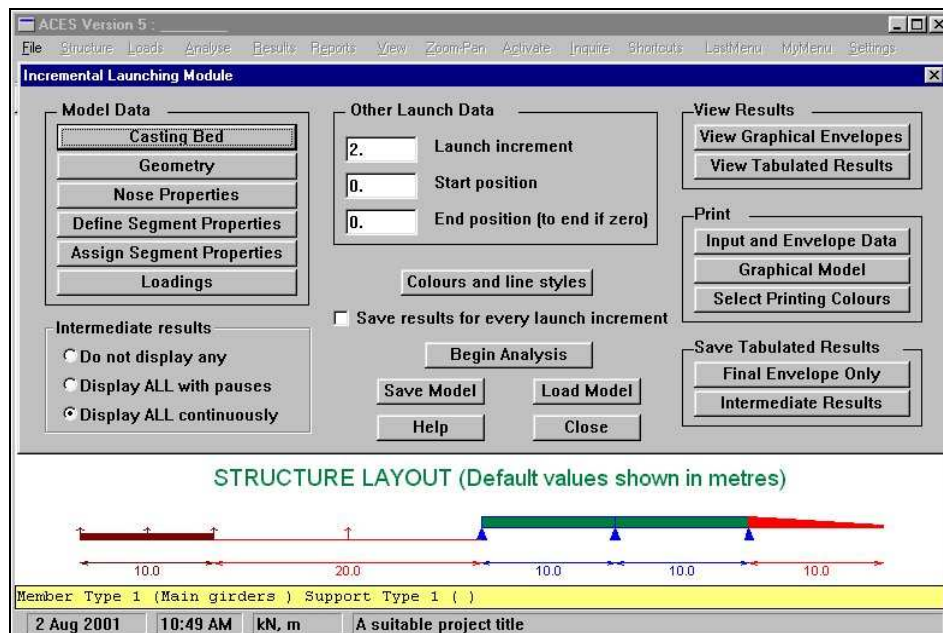


The ACES Incremental Launching Module (ILB) is a powerful, integrated and fully interactive PC-based system for analysing straight or curved launched girder structures.

SYSTEM FEATURES

- ◆ Full 32 bit Windows 95/98/2000/XP compliant system
- ◆ Incorporates an integrated parametric modeller and results and reporting modules
- ◆ Has a capacity of up to 100 spans
- ◆ On-line help available using any web browser



MODELLING & LOADING FEATURES

- ◆ Models straight or curved (in plan) structures using line elements
- ◆ Incorporates a range of support types including temporary, casting bed and intermediate supports
- ◆ Handles variable spans, segment lengths, segment properties and nose section
- ◆ Allows support settlements and spring supports to be specified
- ◆ Incorporates a comprehensive range of loadings including construction live load, thermal and prestress primary moments and concentrated point loads applied at any stage during the launch

REPORTING FEATURES

- ◆ Graphical views of bending moment and shear diagrams at any launch position
- ◆ Graphical views of final maximum & minimum bending moment and shear envelopes
- ◆ Tabular reports of final envelopes of maximum & minimum bending moments, shears & torsion at each section with corresponding values of all other vectors as well as the launch increment at which the maxima occurs.
- ◆ Maximum and minimum reactions at all piers & abutments, including all casting bed and intermediate supports, can be viewed and printed.
- ◆ Final results can be saved in text form to disk
- ◆ Results from every launch increment can be optionally saved to individual disk files

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