	Arbitrary distributed load functions	Full GUI (no code required)	Arbitrary number of loads	Free	Open Source	Featured theory module	Detailed solution procedure	Programmable interface	Spring Supports	Any DOF combination for Supports	Any number of supports
IndeterminateBeam	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓
BeamBending	✓	✗	✓	✓	✓	✓	✗	✓	✗	✗	✗
SymBeam	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗
SymPy	✓	✗	✓	✓	✓	✗	✗	✓	✗	✓	✓
Beam Calculator Online	✗	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗
Beam Guru	✗	✓	✓	✗	✗	✗	✓	✗	✗	✗	✓
MechaniCalc	✗	✓	✓	✗	✗	✓	✗	✗	✗	✓	✓
SkyCiv Beam	✗	✓	✓	✗	✗	✗	✓	✗	✗	✗	✗
Steel Beam Calculator	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗
Structural Beam Calculator	✗	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗
WebStructural	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓
ClearCalcs	✗	✓	✓	✗	✗	✗	✗	✗	✓	✗	✓

Table 1: Summary of feature comparison with existing packages