

HTM+

Continuous Beam Timber

HTM+ calculates single and multi-span timber beams and cantilever beams.

Superposition and dimensioning take place automatically.

The output is compact and can be configured in small parts.

Standards

- DIN EN 1995
- ÖNORM EN 1995
- EN 1995

Wizzard

Simple basic system:

With the wizzard, the necessary entries for a simple system can be made.

This basic system can then be modified and completed very simply with the graphically interactive input.

Supports

Supports can be entered in the Z direction (and with biaxial load in the Y direction) and for the rotation around the y axis. Rigid supports or the input of spring values are optional. A settlement of the supports can be specified for the individual supports. Alternatively, the spring values can also be calculated from a column that can be defined below and / or above the beam and then adopted for the beam calculation.

Fixings at the cross-section can be defined for the stability verification. A distinction is made between the position of the fixing in the longitudinal direction of the beam and the position on the cross section.

Loadings

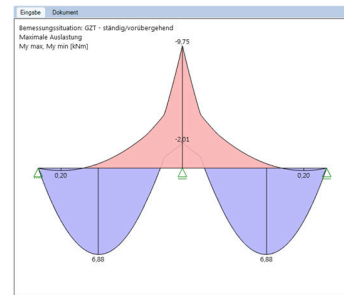
Load types: constant, trapezoidal, triangular, single load and single moment.

Interfaces to advanced programs

- Framework 2D/3DRSX+
- Continuous Beam Steel STM+

Additional Options

- HTM-2 Biaxial
- HTM-S Stability



Reference	Load type	Action	full length	A	L1	L2	W1	W2	Unit	Factor	Span wise	Acting	Acting	Text
				[m]	[m]	[m]						simultaneously	alternatively	
1	System	Gleichlast	Permanent loads	Ja	—	—	—	0.50	kN/m	1.00	Nein	keine	keine	-
2	System	Gleichlast	Cat. A: domestic, residential areas	Ja	—	—	—	1.50	kN/m	1.00	Ja	keine	keine	-