



- height (max)	7,5 meter
- capacity with hoist	1000 kg
- capacity with handwinch	750/ 1000 kg
- self weight (aprox)	125 kg

The Groundsupport Tower belongs to the most popular series of towers. These towers are perfect for use indoors as well as outdoors. Our Groundsupport Tower can be used for horizontal truss constructions as well as a base for roof constructions, ranging in size from middle to large. Each tower is able to support 1000 kg. By using an handwinch or an hoist (manual or electric) truss spans can be prerigged at ground level and winched up, up to 7,5 meters (For technical information and building-instructions have a look at our website).

TOWER

S31 / FS34D



type	description
603004	Steel tower base road version



type	description
603011	Short outrigger for steelbase/ 20 cm long



type	description
603012	Long outrigger for steelbase / 120 cm long



type	description
603012	Long outrigger for steelbase / 120 cm long
603011	Short outrigger for steelbase/ 20 cm long



type	description
603010	Sleeve block 30 / 40 (without connection pieces)



type	description
603010	Detailed image sleeve block inside



type	description
601017	Half connection piece M12, 40 + 15 mm (Pro)
602117	Half conn. piece M10, 40 + 15 mm (Inter)



type	description
601018	Female connection piece (Protruss)
602118	Female connection piece (Intertruss)



type	description
603020	Hinge part, needed 4 for 1 tower (Protruss)
603120	Hinge part, needed 4 for 1 tower (Intertruss)



type	description
603008	Top section 30 (Protruss)
603108	Top section 30 (Intertruss)



Static Analysis Tower available on request

Standard Groundsupport Tower

The Tower is manufactured using standard square truss (Protruss S31 or Inter Truss FS34D). Assembled in parts, the Tower can reach a maximum height of 7.50 meters. If necessary, we can fit the towertruss with ladder steppings on its sides.

The sleeveblock is constructed fully using screws, making sure that an optimal precision is reached concerning the drive assembly of this sleeveblock. Also, the strength of a construction using screws is far superior to a traditionally welded construction. The sleeveblock is fitted with a safety to enable "dead"-hanging of the construction. Both triangle as well as square truss can be connected to the sleeveblock, in both 30-30 as well as in 40-40 editions.

The operational dimensions of the sleeve block which we use for the truss type square 30 are not equivalent to the corner pieces which are generally combined with the trusses. This can lead to problems when fitting things together in the field, in particular when a larger grid is used, in which case T-plates are applied (t-joint 017). We have solved this problem by making special adapter pieces which can be screwed directly onto the sleeve block. The sleeve blocks then function as normal corner pieces. You will need a minimum of 2 adapter pieces per sleeve block. Normal truss bushes are welded onto the end of these adapter pieces, making it easy for you to work with them.

The topsection is equipped with pulleys. A whole range of pulleys is available; this partly depends on the manner the construction will be hoisted. The topsection is equipped with supporting facilities to easily attach a hoist.

The steelbase can, depending on it's use, be equipped with different outriggers to enhance stability.

When the Groundsupport Tower S31 is fully erected, the maximum load is 1.000 kg. In transport-mode the Tower weights approximately 125 kg.

Once the grid has reached the desired height - whatever the means used to lift it into position - Inter T.C. recommends fixing the frame securely in place. There are a number of options available for this.

Depending on it's use, the dimensions of the roof, maximum load etc. a Construction Manual ('Baubuch') is necessary, which Inter T.C. can facilitate.

Inter T.C. bv

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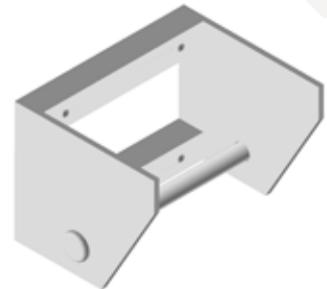
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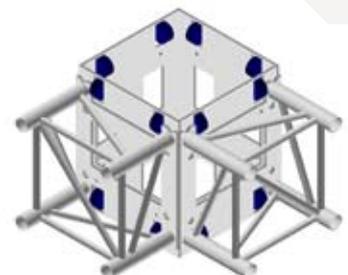
type	description
603027	Safety-chain, 1000 mm, 1000 kg (RUD chain)



type	description
603029	Steel hoist based attachment for hoist



type	description
603031	Attachment for electric climbing hoist



type	description
	Mounting rack for sleeveblock several implementations possible