

# HD/FD34 GROUND SUPPORT TOWER

The basic 30cm Tower for ground supported HD/FD44, HD/FD34, XD and Roofs

## The Basic Tower

### HD/FD34 GS TOWER

The ground support tower HD/FD34 makes for an excellent vertical truss that allows the safe, quick lifting of regularly loaded horizontal truss constructions (riggs) and small to medium-sized platform roofs to their service height.

The straight elements of the tower consist of HD/FD34 Standard Truss, allowing a variety of combinations.

This system is compatible with the type HD/FD34 Basement (Touring, Professional and Small Base), Hinge Section, Sleeveblock and Top Section.

In terms of statics, ground support towers, indoor applications, are exposed to negligible flexural strain but primarily to pressure strain.

In outdoor use, on the other hand, the tower is exposed to very high flexural strain due to the coverings or roof.



FD34-BPR  
Professional Base



STAB-01  
Stabilizer (not shown)

BASE-01  
Steel Base

OUTR-L01  
Long Outrigger

OUTR-S01  
Short Outrigger



FD34-BPTR  
Touring Base

## TOP SECTIONS:

FD34 Top Sections are available for manual or electrical chain hoist.

*(Recommendation: always use a safety cable (between top section and sleeve block))*

## SLEEVEBLOCKS:

FD34 Sleeves are available with various attachments and suitable for several truss types, strong and safe with perfect chosen dimensions to combine standard truss elements.

## HINGE SET:

A strong, safe and cost effective solution to erect the HD/FD34 GS Tower. The hinge sets are 100mm long. Those half connectors with a hinge fork allow a very high vertical load. 4 Hinge sets (2 left and 2 right) are required per tower.

FD34 GS TOWER	FACTS
Max. Height:	12m
Max Loading:	1000 kg
Tower Truss:	HD/FD34
Sleeve Block:	XD, HD/FD34
Self Weight:	65 ~ 85 kg

Top Section



**TOP34-MH**  
Top Part for  
manual chain hoist



**TOP34-CH1**  
Top Part for Motors

Sleeveblock



**FD34-SB3-XD/C**  
FD34 Sleeveblock XD / FD34



**FD34-SB3**  
FD34 Sleeveblock

Hinge Set



**CS1-HS L/R**  
Hinge Set

**BASES:**

**FD34 Touring base** is identical to the professional base but with integrated short outriggers (4 per Touring Base).

**FD34 Steel base** on wheels available with short outriggers or long outriggers in combination with stabilizer bars.

**OUTRIGGERS:**

The outriggers are available in short outriggers and long outriggers in combination with stabilizer bars and it depends on the purpose when which to use. At Outdoor Ground Supports, Roofs, Bridges or High Indoor Ground Supports the usage of long outriggers are to be advised.

**ACCESSORIES:**

Next to the standard parts Eurotruss supply additional accessories, which can be demanded for different usage.

For stability Eurotruss carries three different outriggers. To obtain more stability in the rig, bold on cornerbraces are available.