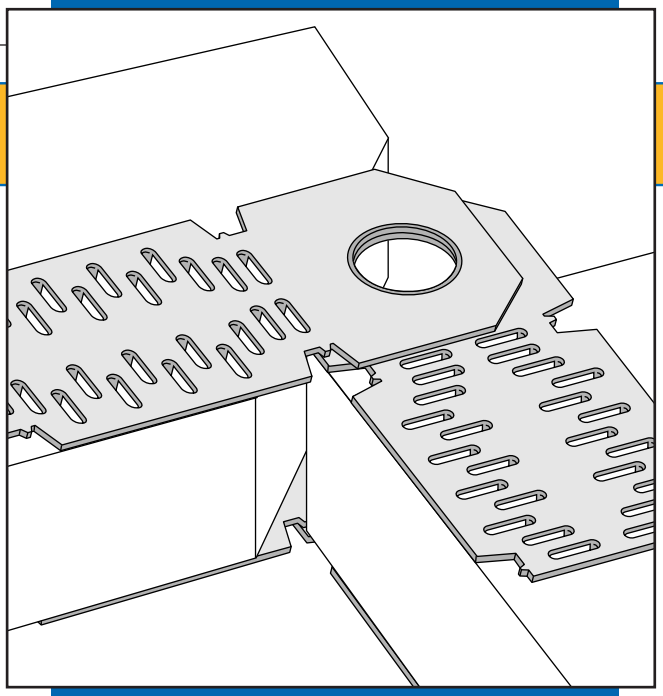
GANG-NAIL®

HingePlate

FOR SOLVING TRUSS HEIGHT PROBLEMS



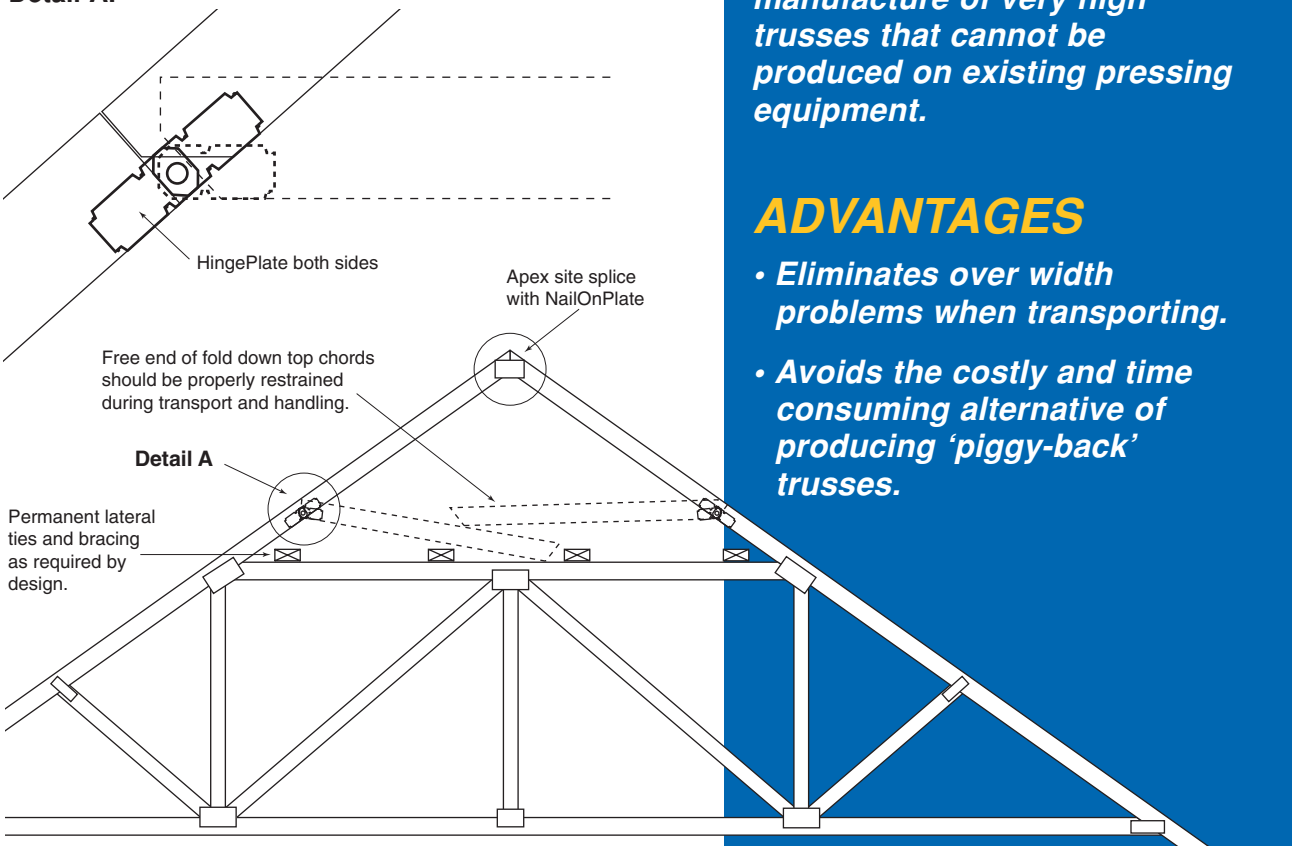
APPLICATION

By designing truncated trusses and using extended top chords with a hinge plate joint, very high trusses can be easily manufactured in standard truss jigs. Once manufactured top chords can be bent to reduce the overall height and assist with the transport and installation of very high trusses.

This is particularly useful for large span trusses and trusses with high pitches such as attic trusses.

Allowance should be made for lateral ties and bracing of horizontal top chords as noted below.

Detail A.



Typical HingePlate usage for solving truss height problems

For further assistance on design and manufacture of trusses, contact your nearest MiTek engineering design office.

USES

HingePlate provides a flexible connection to assist with the manufacture of very high trusses that cannot be produced on existing pressing equipment.

ADVANTAGES

- ***Eliminates over width problems when transporting.***
- ***Avoids the costly and time consuming alternative of producing 'piggy-back' trusses.***

This Engineered Building Product complies with

AS/NZS 1170 Loading Code

MiTek®

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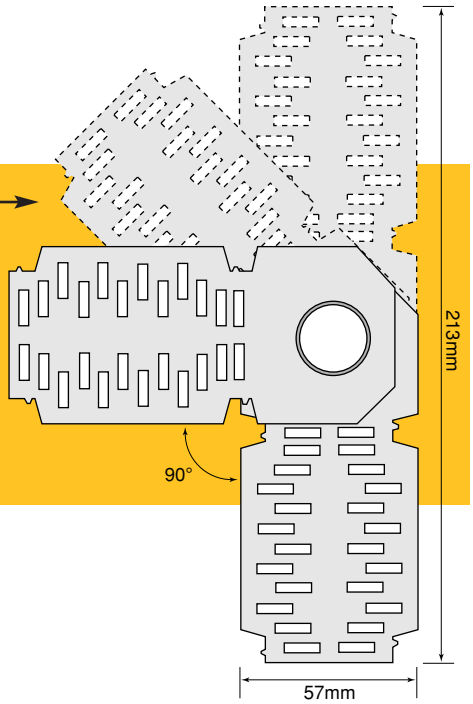

SPECIFICATION:

Steel: ASTM A653 Grade40
Thickness 1.15 mm
G60 Coating

Product Code:
HP

LOAD DATA:

Design strength for a pair of plates (kN)

Load Type	Limit State Design Capacity (kN)[1]
Shear	6.6
Tension	13.3
Compression	8.8

[1] Do not apply adjustment factors to these design capacities.

DS5/09

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