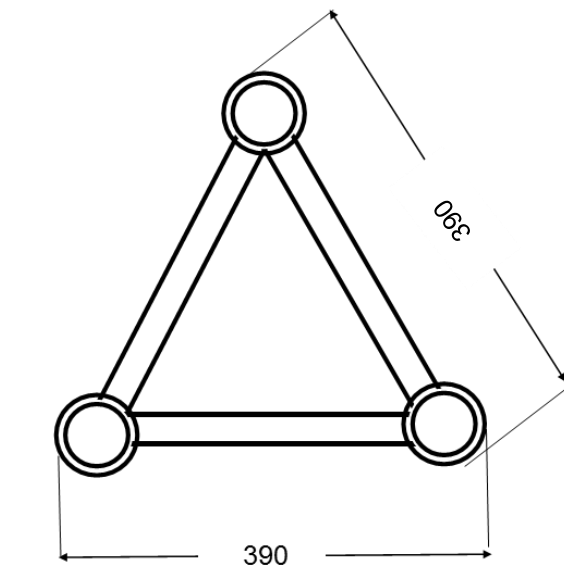# TOP TRUSS

400 Tri Truss

The C40 triangle truss is designed as a medium duty truss system. The system is connected via a special conical connector with excellent strength and stability, creating optimal traction convenient for assembly and collection. All the tubes and connectors welding through the mould of semi-automatic, the finished products are fixed in the standard mould welding can be guarantee the accuracy of truss in any conditions connect smoothly. This item is approved by TUV SUD certificate in Germany.

Technical Specifications - C40 Series

- Section type   Triangular Truss
- Material   Alloy EN-AW 6082-T6
- Main tubes   50 x 3mm tube
- Brace   20 x 2mm tube

390

390

L

C40 Tri truss - 290 x 290mm																
Truss length (L)	5M	6M	7M	8M	9M	10M	11M	12M	13M	14M	15M	16M	17M	18M	19M	20M
Centre load Kg	796.2	585.1	497.2	429.5	377.1	335.5	300.6	270.4	245.2	222.4	202.5	185.5	168.5	155	142	130.4
Deviation in mm.	15	21	30	40	52	65	78	90	100	125	145	160	185	205	230	250
Evenly distributed load Kg	1170.5	989.5	824.1	712.5	625.2	555.2	495.5	447.2	405.2	366.5	335.2	395.5	180.5	258.5	232.5	210
Deviation in mm.	1	16	25	35	40	50	60	75	85	102	115	132	145	167	185	200

CODE	Length	Dimension	CBM	N.W.
D005C	0.5M	L55 x W41 x H34mm	0.08M sq.	4.90 Kg
D010C	1.0M	L105 x W41 x H34mm	0.16M sq.	8.10 Kg
D020C	2.0M	L205 x W41 x H34mm	0.31M sq.	12.80 Kg
D030C	3.0M	L305 x W41 x H34mm	0.46M sq.	17.90 Kg
V040C	4.0M	L405 x W41 x H34mm	0.62M sq.	21.20 Kg

CERTIFICATE

Certificate 1 (top left)

TÜV SÜD Industrie Service GmbH

CERTIFICATE

Conformity of the Factory Production Control

0036-CPR-1090-1.00245.TÜV SÜD.2015.001

In compliance with Regulation 305/2011/EU of the
European Parliament and of the Council of 9 March 2011 (the Construction Products
Regulation or CPR), this certificate applies to the following construction product:

Construction product	Structural components and kits for aluminum structures to EXC3 according to EN 1090-3
Intended use	for load-bearing structures in all types of buildings
CE – marking method	ZA.3.2 and ZA.3.4 acc. to EN 1090-1:2009+A1:2011
Range of production	see reverse
	produced by or for
Manufacturer	Toptruss Performance Equipment Co., Ltd. No. 9, Seven Road B Area 528226 Foshan City CHINA
Manufacturing plant	Toptruss Performance Equipment Co., Ltd. No. 9, Seven Road B Area 528226 Foshan City CHINA
Confirmation	This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the harmonised standard EN 1090-1:2009+A1:2011 under system 2+ are applied, and that the factory production control fulfils all the prescribed requirements stated therein.
Start of validity	20.01.2015
Next Surveillance audit	20.01.2016
Period of validity	This certificate will remain valid as long as the test methods and/or the factory production control requirements included in the harmonised standard used to assess the performance of the declared characteristics do not change, and the product and the manufacturing conditions in the plant are not modified significantly.
Remarks	see reverse
Place and date of issue	Munich, 20.01.2015 Lv San(MD)

DAkkS

TÜV

Certificate 2 (bottom left)

Welding Certificate

TÜV SÜD-00245.2015.001

In accordance with EN 1090-1, table B.1, its hereby declared:
The manufacturer has produced evidence that he fulfils the requirements of the European
standard EN 1090-3 for execution of structural aluminium components

Manufacturer	Toptruss Performance Equipment Co., Ltd. No. 9, Seven Road B Area CN 528226 Foshan City
Technical specification	EN 1090-3:2008
Execution class(es)	EXC3 according to EN 1090-3
Welding Process(es)	141 – TIG gas tungsten arc welding
Material Group	23 according to CEN ISO/TR 15608 and EN 1090-3, table 1 and 2
Responsible Welding Coordinator	Zhang Jing, IWE born on 21.01.1985
Substitute	Su Shuyi, engineer born on 27.12.1991
Confirmation	All provisions concerning welding as described in the above mentioned technical specification(s) were applied.
Validity start	20.01.2015
Period of validity	20.01.2016
Remarks	see reverse
Place and date of issue	Munich, 20.01.2015 Lv San(MD)

DAkkS

TÜV

Certificate 3 (bottom right)

CERTIFICATE

The company

Toptruss Performance Equipment Co., Ltd.
No. 9, Seven Road B Area
CHN - 528226 Foshan City
P.R. China

fulfils the
Comprehensive Quality Requirements according to

EN ISO 3834-2

for the range mentioned in the enclosure to this certificate.

The certificate expires in January 2018.

Report No. 221899

Munich, January 20th, 2015

TÜV SÜD Industrie Service GmbH
Westendstrasse 199, D-80686 Munich

Department
Material and Welding Technology

Dipl.-Ing. (FH) Tobias Strößner

DAkkS

TÜV

Right column text

TOPTRUSS products successfully passed the Germany TÜV SÜD certification through the first-class technology, high-quality staff, excellent quality and safety.

TÜV SÜD group is one of the largest technical detection, inspect and quality certification body, as Europe and the world's most authoritative certification, always is famous for its rigorous quality testing certification service. With the most advanced technology, the most stringent testing and certification standards to conduct a comprehensive inspection of product quality and provide various professional evaluation.

Germany TÜV SÜD certificate is one of Chinese products into European and American market, through this certification mean that the products comply with European and American countries technical standards.

CERTIFICATE

TÜV SÜD — Industrie Service

ZERTIFIKAT – QUALIFIZIERUNG VON SCHWEISSVERFAHREN (WPQR)
WELDING PROCEDURE QUALIFICATION RECORD · CERTIFICAT DE QUALIFICATION D'UN MODE OPÉRATOIRE DE SOUDAGE

GELTUNGSBEREICH · RANGE OF APPROVAL · DOMAINE DE VALIDITÉ

SONSTIGE ANGABEN · OTHER INFORMATION · AUTRES PARAMÈTRES

1. Macro photos see annex 1

TÜV SÜD — Industrie Service

EINZELHEITEN ZUR PRÜFSTÜCKSCHWEISSUNG (1)
DETAILS OF WELD TEST (1) · DÉFINITION DU TÉMOIN SOUDÉ (1)

PRÜFSTÜCKE · TEST PIECES · COUPONS

NAHTVORBEREITUNG (Zeichnung) · WELD PREPARATION (Sketch) · PRÉPARATION DE L'ASSEMBLAGE (croquis)

EINZELHEITEN FÜR DAS SCHWEISSEN · WELDING DETAILS · PARAMÈTRES DE SOUDAGE

TÜV SÜD — Industrie Service

ZERTIFIKAT – QUALIFIZIERUNG VON SCHWEISSVERFAHREN (WPQR)
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TÜV SÜD — Industrie Service

EINZELHEITEN ZUR PRÜFSTÜCKSCHWEISSUNG (1)
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45°

EINZELHEITEN FÜR DAS SCHWEISSEN · WELDING DETAILS · PARAMÈTRES DE SOUDAGE