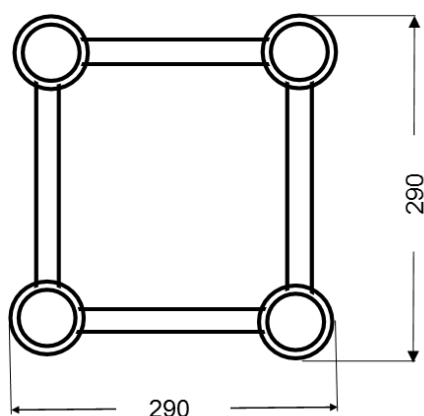


300 Box Truss

The B30 square 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 - B30 Series

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



B30 Square truss - 290 x 290mm

Truss length (L)	1M	2M	3M	4M	5M	6M	7M	8M	9M	10M	11M	12M	13M	14M	15M	16M
Centre load Kg	1988.2	1979.9	1406.6	1050.6	838.2	695.7	588.7	510.7	450	402.5	359.1	325.7	295.5	265	245	228
Deviation in mm.	1	3	7	15	27	38	50	65	80	100	127	150	177	200	235	295
Evenly distributed load Kg	1982.3	1979.6	1977.4	1745.3	1390.6	1150	970.7	850	745.2	660.4	595.9	532.8	490	445.9	408.9	377
Deviation in mm.	1	3	6	11	21	29	42	51	65	85	102	117	141	165	188	214

CODE	Length	Dimension	CBM	N.W.
V005B	0.5M	L55 x W31 x H31mm	0.05M sq.	5.00 Kg
V010B	1.0M	L105 x W31 x H31mm	0.10M sq.	7.20 Kg
V020B	2.0M	L205 x W31 x H31mm	0.20M sq.	12.50 Kg
V030B	3.0M	L305 x W31 x H31mm	0.30M sq.	17.5 Kg
V040B	4.0M	L405 x W31 x H31mm	0.40M sq.	22.60 Kg

CERTIFICATE

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+A2:2011
Range of production	see reverse
Manufacturer	Toptruss Performance Equipment Co., Ltd. No. 9, Seven Road B Area 528226 Foshan City CHN
Manufacturing plant	Toptruss Performance Equipment Co., Ltd. No. 9, Seven Road B Area 528226 Foshan City CHN
Confirmation	This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the harmonized standard EN 1090-1:2009+A2:2011 under system 2+ are applied, and that the factory production control fulfills all the prescribed requirements stated therein.
Start of validity	20.01.2015
Next surveillance audit	20.01.2018
Period of validity	This certificate will remain valid as long as the test methods and/or the factory production control requirements included in the harmonized 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 (a. Sauer)



TÜV SÜD Industrie Service GmbH - Abteilung Produkt- und Sachverständigen - Rosenstraße 199 - 80606 München - Germany

TÜV®

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.

Welding Certificate

TÜV SÜD-00245.2015.001

In accordance with EN 1090-3, table B 1, it is hereby declared:
The manufacturer has produced evidence that he fulfills the requirements of the European standard EN 1090-3 for execution of structural aluminum components

Manufacturer	Toptruss Performance Equipment Co., Ltd. No. 9, Seven Road B Area CHN 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	21 according to CEN EN 6082 13508 and EN 1090-3, table 1 and 2
Responsible Welding Coordinator	Zhang Jing, MSc born on: 21.01.1985
Substitute	Su Shuai, engineer born on: 27.11.1991
Confirmation	All provisions concerning welding as described in the above mentioned technical specification(s) were applied.
Validity start	20.01.2015
Period of validity	20.01.2018
Remarks	see reverse
Place and date of issue	Munich, 20.01.2015 Lu Sanyao



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CERTIFICATE

The company

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

fulfills 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.: 221699

Munich, January 20th, 2015

TÜV SÜD Industrie Service GmbH
Westendstraße 199, D-80606 München

Department
Material and Welding Technology

Johns Blagovest
Dipl.-Ing. (FH) Tobias Bröcher



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bestimmte Stelle nach Druckergeschichte (BT123/50)
der TÜV SÜD Industrie Service GmbH

TÜV SÜD
Industrie Service

Zertifizierte Prüfingenieurin:
Katharina Ritz
Nr. 01 00000000

0030 / 5044 / 7 60210010-00

Seite 2 von 5
Test Page 2 of 5

EINZELHEITEN ZUR PRÜFSTÜCKSCHWEISSUNG (1) DETAILS OF WELD TEST (1) / DEFINITION OF TENSOR SENSIT (1)

Hersteller:
Hochdrucktechnik
GmbH/AG

Typische Performance Equipment Co., Ltd.

Bei: Datum der Schweißung: /
Location: Date of welding: /
Date: 2014.10.02

Nach der Schweißung:
Vor- und Nachprüfung
Vor- und Nachprüfung

Welding Tapping

Art der Vorbereitung und Reinigung:
Art of Preparation and Cleaning
Reinigung der Schweißung
Cleaning

PRÜFSTÜCKE - TEST PIECES - COUPONS

Nr. (No.)	Schweißnaht Welding Seam (Prozess) (Process)	Stärke Thickness (mm)	Spannweite Span (Distance between anchor) (mm)	Schweißrichtung Welding Position (Richtung) (Direction)	Material and Type (Type of steel)	Spannweite Span (Distance between anchor) (mm)
1	141	3	50	Fls.	St37 in Pipe	400 (EN ISO 400) (EN ISO 400)

NAHTVORBEREITUNG (Schweißung) - WELD PREPARATION (Welding) - PRÉPARATION DE LA JOINTURE (Soudage)

Beschreibung der Vorbereitung: (Description of the preparation)	Schweißnaht: Welding Seam (Prozess) (Process)
	

EINZELHEITEN FÜR DAS SCHWEISSEN - WELDING DETAILS - PARAMÈTRES DE SOUDAGE

Prüfstücktyp Type of Test Piece	Prozess Process	Schweißnaht Welding Seam (Prozess) (Process)	Spannweite Span (Distance between anchor) (mm)	Spannweite Span (Distance between anchor) (mm)	Spannweite Span (Distance between anchor) (mm)	Spannweite Span (Distance between anchor) (mm)	Spannweite Span (Distance between anchor) (mm)	Spannweite Span (Distance between anchor) (mm)
EN ISO 400	141	3	50	50	50	50	50	50

EN ISO 400 - 141 - 3 - 50 - 50 - 50 - 50 - 50 - 50
 EN ISO 400 - 141 - 3 - 50 - 50 - 50 - 50 - 50 - 50
 EN ISO 400 - 141 - 3 - 50 - 50 - 50 - 50 - 50 - 50

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