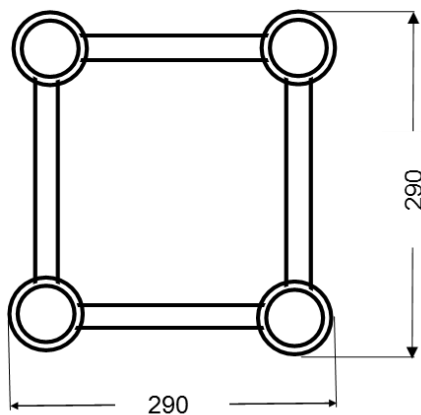
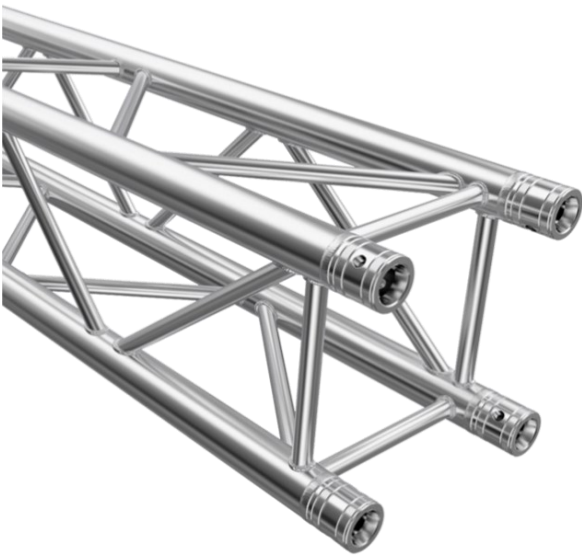




## 300 Box Truss



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 |
|----------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
|  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 |
|  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.<br>No. 9, Seven Road B Area<br>528226 Foshan City<br>CHN                                                                                                                                                                                                                                 |
| Manufacturing plant     | Toptruss Performance Equipment Co., Ltd.<br>No. 9, Seven Road B Area<br>528226 Foshan City<br>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<br>(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.<br>No. 9, Seven Road B Area<br>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<br>according to CEN EN 573-3:2008 and EN 1090-3, table 1 and 2                                              |
| Responsible Welding Coordinator | Zhang Jing, MSc<br>Date: 20.01.2015, Name: [Signature]<br>born on: 21.01.1985                                  |
| Substitute                      | Su Shuai, engineer<br>Date: 20.01.2015, Name: [Signature]<br>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<br>Lu Sanyao                                                                                |



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

TÜV®

## 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 20<sup>th</sup>, 2015

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

Department  
Material and Welding Technology

[Signature]  
Dipl.-Ing. (FH) Tobias Bröcher



TÜV®

Bekannte Stelle nach Druckfestigkeitslinie (ST335G)  
der TÜV SÜD Industrie Service GmbH

**TÜV**  
SÜD  
Industrie Service

Zertifikats-Nr./Zugabe-Nr.:  
Prüfstück-Nr.:  
Art der Prüfung:

9036 / SHA / 7483018610-05

Seite  
Page  
Folio

2 von 5

in

# **ANLEITUNG ZUR PRÜFSTÜCKSCHWEISSUNG (1)**

DETAILS OF WELD TEST (1) / INSTRUCTIONS DU TIGERMAN SUDAGE (1)

Hersteller:  
Hersteller:  
Qualifikation:

Tightness Performance Equipment Co., Ltd.

Ort / Datum der Schweißung:  
Location / Date of welding:  
Lieu / Date de soudage:

Prüfung / 2014.10.30

Name des Schweißers:  
Name du soudeur:  
Huang Yiqing

Art der Vorbereitung und Reinigung:  
Méthode d'épousillage et de nettoyage:  
Méthode de préparation et de nettoyage:

Gründung:

## **PRÜFSTÜCKE - TEST PÉCÈS - COUPONS**

| Nr.<br>N° | Schweißnaht<br>Soudure<br>Précision de soudage | Form<br>Forme<br>Précision de soudage | Gründungs-<br>Location<br>Qualité de soudage | Material<br>Matériau<br>Type de métal | Gründungs-<br>Location<br>Qualité de soudage |
|-----------|------------------------------------------------|---------------------------------------|----------------------------------------------|---------------------------------------|----------------------------------------------|
| 1         | 1-1                                            | 2 x 3                                 | 20 x 50                                      | Stahl<br>Acier<br>Matériau de base    | Alloy (EN 10025) (EN 10025)                  |

## **NAHTVORBEREITUNG (Schweißung) - WELD PREPARATION (Soudage) - PRÉPARATION DE L'ASSEMBLAGE (Soudage)**

| Geometrie der Vorbereitung<br>Géométrie de la préparation | Schweißung<br>Soudage |
|-----------------------------------------------------------|-----------------------|
|                                                           |                       |

## **PRÜFSTÜCKE FÜR DAS SCHWEISSEN - WELDING DETAILS - PARAMÈTRES DE SOUDAGE**

| Prüfstücktyp<br>Type de coupon | Prüfart<br>Type de coupon | Schweißnaht<br>Soudure | Gründungs-<br>Location | Schweißung<br>Soudage | Material<br>Matériau | Gründungs-<br>Location | Material<br>Matériau | Gründungs-<br>Location | Material<br>Matériau |
|--------------------------------|---------------------------|------------------------|------------------------|-----------------------|----------------------|------------------------|----------------------|------------------------|----------------------|
| EN 10025-2                     | 1-1                       | 1-1                    | 20                     | 20                    | AC                   | 1-1                    | 20                   | 20                     | 20                   |

1-1 = Schweißnaht / Weld Joint / Soudure  
2 = Schweißung / Welding / Soudage  
3 = Schweißung / Welding / Soudage  
4 = Schweißung / Welding / Soudage  
5 = Schweißung / Welding / Soudage  
6 = Schweißung / Welding / Soudage  
7 = Schweißung / Welding / Soudage  
8 = Schweißung / Welding / Soudage  
9 = Schweißung / Welding / Soudage  
10 = Schweißung / Welding / Soudage  
11 = Schweißung / Welding / Soudage  
12 = Schweißung / Welding / Soudage  
13 = Schweißung / Welding / Soudage  
14 = Schweißung / Welding / Soudage  
15 = Schweißung / Welding / Soudage  
16 = Schweißung / Welding / Soudage  
17 = Schweißung / Welding / Soudage  
18 = Schweißung / Welding / Soudage  
19 = Schweißung / Welding / Soudage  
20 = Schweißung / Welding / Soudage  
21 = Schweißung / Welding / Soudage  
22 = Schweißung / Welding / Soudage  
23 = Schweißung / Welding / Soudage  
24 = Schweißung / Welding / Soudage  
25 = Schweißung / Welding / Soudage  
26 = Schweißung / Welding / Soudage  
27 = Schweißung / Welding / Soudage  
28 = Schweißung / Welding / Soudage  
29 = Schweißung / Welding / Soudage  
30 = Schweißung / Welding / Soudage  
31 = Schweißung / Welding / Soudage  
32 = Schweißung / Welding / Soudage  
33 = Schweißung / Welding / Soudage  
34 = Schweißung / Welding / Soudage  
35 = Schweißung / Welding / Soudage  
36 = Schweißung / Welding / Soudage  
37 = Schweißung / Welding / Soudage  
38 = Schweißung / Welding / Soudage  
39 = Schweißung / Welding / Soudage  
40 = Schweißung / Welding / Soudage  
41 = Schweißung / Welding / Soudage  
42 = Schweißung / Welding / Soudage  
43 = Schweißung / Welding / Soudage  
44 = Schweißung / Welding / Soudage  
45 = Schweißung / Welding / Soudage  
46 = Schweißung / Welding / Soudage  
47 = Schweißung / Welding / Soudage  
48 = Schweißung / Welding / Soudage  
49 = Schweißung / Welding / Soudage  
50 = Schweißung / Welding / Soudage  
51 = Schweißung / Welding / Soudage  
52 = Schweißung / Welding / Soudage  
53 = Schweißung / Welding / Soudage  
54 = Schweißung / Welding / Soudage  
55 = Schweißung / Welding / Soudage  
56 = Schweißung / Welding / Soudage  
57 = Schweißung / Welding / Soudage  
58 = Schweißung / Welding / Soudage  
59 = Schweißung / Welding / Soudage  
60 = Schweißung / Welding / Soudage  
61 = Schweißung / Welding / Soudage  
62 = Schweißung / Welding / Soudage  
63 = Schweißung / Welding / Soudage  
64 = Schweißung / Welding / Soudage  
65 = Schweißung / Welding / Soudage  
66 = Schweißung / Welding / Soudage  
67 = Schweißung / Welding / Soudage  
68 = Schweißung / Welding / Soudage  
69 = Schweißung / Welding / Soudage  
70 = Schweißung / Welding / Soudage  
71 = Schweißung / Welding / Soudage  
72 = Schweißung / Welding / Soudage  
73 = Schweißung / Welding / Soudage  
74 = Schweißung / Welding / Soudage  
75 = Schweißung / Welding / Soudage  
76 = Schweißung / Welding / Soudage  
77 = Schweißung / Welding / Soudage  
78 = Schweißung / Welding / Soudage  
79 = Schweißung / Welding / Soudage  
80 = Schweißung / Welding / Soudage  
81 = Schweißung / Welding / Soudage  
82 = Schweißung / Welding / Soudage  
83 = Schweißung / Welding / Soudage  
84 = Schweißung / Welding / Soudage  
85 = Schweißung / Welding / Soudage  
86 = Schweißung / Welding / Soudage  
87 = Schweißung / Welding / Soudage  
88 = Schweißung / Welding / Soudage  
89 = Schweißung / Welding / Soudage  
90 = Schweißung / Welding / Soudage  
91 = Schweißung / Welding / Soudage  
92 = Schweißung / Welding / Soudage  
93 = Schweißung / Welding / Soudage  
94 = Schweißung / Welding / Soudage  
95 = Schweißung / Welding / Soudage  
96 = Schweißung / Welding / Soudage  
97 = Schweißung / Welding / Soudage  
98 = Schweißung / Welding / Soudage  
99 = Schweißung / Welding / Soudage  
100 = Schweißung / Welding / Soudage  
101 = Schweißung / Welding / Soudage  
102 = Schweißung / Welding / Soudage  
103 = Schweißung / Welding / Soudage  
104 = Schweißung / Welding / Soudage  
105 = Schweißung / Welding / Soudage  
106 = Schweißung / Welding / Soudage  
107 = Schweißung / Welding / Soudage  
108 = Schweißung / Welding / Soudage  
109 = Schweißung / Welding / Soudage  
110 = Schweißung / Welding / Soudage  
111 = Schweißung / Welding / Soudage  
112 = Schweißung / Welding / Soudage  
113 = Schweißung / Welding / Soudage  
114 = Schweißung / Welding / Soudage  
115 = Schweißung / Welding / Soudage  
116 = Schweißung / Welding / Soudage  
117 = Schweißung / Welding / Soudage  
118 = Schweißung / Welding / Soudage  
119 = Schweißung / Welding / Soudage  
120 = Schweißung / Welding / Soudage  
121 = Schweißung / Welding / Soudage  
122 = Schweißung / Welding / Soudage  
123 = Schweißung / Welding / Soudage  
124 = Schweißung / Welding / Soudage  
125 = Schweißung / Welding / Soudage  
126 = Schweißung / Welding / Soudage  
127 = Schweißung / Welding / Soudage  
128 = Schweißung / Welding / Soudage  
129 = Schweißung / Welding / Soudage  
130 = Schweißung / Welding / Soudage  
131 = Schweißung / Welding / Soudage  
132 = Schweißung / Welding / Soudage  
133 = Schweißung / Welding / Soudage  
134 = Schweißung / Welding / Soudage  
135 = Schweißung / Welding / Soudage  
136 = Schweißung / Welding / Soudage  
137 = Schweißung / Welding / Soudage  
138 = Schweißung / Welding / Soudage  
139 = Schweißung / Welding / Soudage  
140 = Schweißung / Welding / Soudage  
141 = Schweißung / Welding / Soudage  
142 = Schweißung / Welding / Soudage  
143 = Schweißung / Welding / Soudage  
144 = Schweißung / Welding / Soudage  
145 = Schweißung / Welding / Soudage  
146 = Schweißung / Welding / Soudage  
147 = Schweißung / Welding / Soudage  
148 = Schweißung / Welding / Soudage  
149 = Schweißung / Welding / Soudage  
150 = Schweißung / Welding / Soudage  
151 = Schweißung / Welding / Soudage  
152 = Schweißung / Welding / Soudage  
153 = Schweißung