



The manufacturer **PFEIFER Seil- und Hebetchnik GmbH**  
**Dr.-Karl-Lenz-Strasse 66**  
**D-87700 Memmingen (Germany)**

hereby declares that the following construction product with the

product designation **PFEIFER-Stützenfuß PCC**  
in the sizes **PCC 16, PCC 20, PCC 24, PCC 30-1, PCC 30-2, PCC 36**

complies with the provisions of the following Community Directive(s), if it has been installed in accordance with the installation instructions included in the product documentation.

- **Regulation (EU) No. 305/2011 of the European Parliament and the Council of 09 March 2011, laying down harmonized conditions for the marketing of construction products and repealing Council Directive 89/106/EEG**  
**EU Construction Product Regulation**

and that the following standards for the design and the construction were applied:

DIN EN 1990:2010-12	Eurocode 0: Basis of structural design
DIN EN 1990/NA:2010-12	Eurocode 0: Basis of structural design
DIN EN 1990/NA/A1:2012-08	National Annex - National festgelegte Parameter incl. Änderung A1
DIN EN 1992-1:2011-01	Eurocode 2: Design of concrete structures Part 1-1: General rules and rules for buildings
DIN EN 1992-1-1/NA:2013-04	Eurocode 2: Design of concrete structures Part 1-1: General rules and rules for buildings National Annex - National festgelegte Parameter
DIN EN 1993-1-1:2010-12	Eurocode 3: Design of steel structures Part 1-1: General rules and rules for buildings
DIN EN 1993-1-1/NA:2017-09	Eurocode 3: Design of steel structures Part 1-1: General rules and rules for buildings National Annex - National festgelegte Parameter
DIN EN 1993-1-8:2010-12	Eurocode 3: Design of steel structures Part 1-8: Design of joints
DIN EN 1993-1-8/NA:2010-12	Eurocode 3: Design of steel structures Part 1-8: Design of joints National Annex - National festgelegte Parameter
DIN EN 1090-1:2012-02	Execution of steel structures and aluminium structures Part 1: Requirements for conformity assessment of structural components
DIN EN 1090-2:2018-09	Execution of steel structures and aluminium structures Part 2: Technical requirements for steel structures

Features	Performance / Classification
Geometrical tolerances	EN 1090-2 ISO 2768 EN ISO 9013
Weldability	PCC 16 – PCC 30-1: Steel S355J2+N according to EN 10025-2 PCC 30-2 – PCC 36: Steel S460 according to EN 10025-3
Fracture toughness / Brittle fracture resistance	27 Joule at -10°C
Load bearing capacity	Design resistance centric pull/push force: PCC 16: $N_{Rd} = \pm 68 \text{ kN}$ PCC 20: $N_{Rd} = \pm 97 \text{ kN}$ PCC 24: $N_{Rd} = \pm 139 \text{ kN}$ PCC 30-1: $N_{Rd} = \pm 220 \text{ kN}$ PCC 30-2: $N_{Rd} = \pm 299 \text{ kN}$ PCC 36: $N_{Rd} = \pm 436 \text{ kN}$
Execution class	EXC2 according to EN 1090-2
Fatigue strength	No Performance Determined
Deformation for the serviceability limit state	No Performance Determined
Fire resistance	No Performance Determined
Fire behavior	Steel component, material classified as Class A1
Release of cadmio and its compounds	No Performance Determined
Release of radioactive radiation	No Performance Determined
Durability	No Performance Determined
Manufacturing	According to drawings No. PCC 16: 0069960-XX PCC 20: 0069967-XX PCC 24: 0075817-XX PCC 30-1: 0075824-XX PCC 30-2: 0075953-XX PCC 36: 0075956-XX Side plate: 0068968-XX Base plate: 0069962-XX BSt bent: 0069971-XX Label: 0077974-XX
System of Declaration of Conformity	2+

**Product description / Intended use:**

*PFEIFER-Column Shoes are generally used in conjunction with PFEIFER-Foundation Anchors PGS to anchor reinforced concrete precast columns by means of screws. The Column Shoes are either installed into the corners or on the long sides of the columns or alternatively also in circular precast columns, while the foundation anchors are anchored in previously prepared foundations, base plates or column heads. The connection, consisting of Column Shoe and Foundation Anchor, allows the formation of hinged as well as rigid connections. Even when the columns are designed to form a hinged connection, the tensile and compressive forces can be absorbed by each Column Shoes during the assembly state. During the construction, mounting supports can be avoided.*

**Certificate according to DIN EN 1090 regarding the conformity of factory production controls:**

Name and address of notified body:	<b>DVS ZERT GmbH</b> <b>Aachener Straße 172</b> <b>D-40223 Düsseldorf</b>
Identification number of notified body:	2451
Number of certificate:	2451-CPR-EN1090-2015.0045.002

**Responsible representative for creation and management technical documentation:**

*Mr. Dipl.-Ing. Christoph Neef*  
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*PFEIFER Seil- und Hebetchnik GmbH*  
*Memmingen, 11.01.2019*



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*General Manager Lifting and Connecting Division*



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*Head of Technical and Development Department*