

225.04417-CPR-2025.02.18

Utført av JSK - Godkjent for produsent av Tomasz Taczyński og Dag Riise 18.02.2025

<b>Produkt:</b>	<b>Antenne-kamera mast 150 x 150 6m</b>
<b>Produkt nummer:</b>	<b>22590013890</b>
<b>Påtenkt bruk:</b>	Mast for kamera, antenne eller annet utstyr
<b>Harmonised Standard:</b>	EN 1090-1:2009+A1:2011
<b>Produsent/ Plassert på markedet av:</b>	Saferoad Traffic AS Paul A. Owrens veg 46, 2607 Vingrom, Norway
<b>Produsert på fabrikk:</b>	SAFEROAD Pomerania Sp. z o.o. Stanisława Dubois 23, 71-610 Szczecin, Poland
<b>Utførelsesklasse:</b>	EXC2
<b>Teknisk spesifikasjon: Harmonisert standard NS-EN 1090-2: 2009+A1:2011</b>	Toleranser: <b>NS-EN 1090-2, klass 1</b>
	Sveisbarhet: <b>S355J2 i henhold til EN10025-2</b>
	Slagseighet: <b>S355J2: 27J ved temp. -20°</b>
	Avgivelse av Kadmium: <b>NPD</b>
	Utstråling av radioaktivitet: <b>NPD</b>
	Bestandighet: <b>HDG iht. to SS-EN ISO 1461, klass Fe/Zn 115µm</b>
	<b>Konstruksjonsegenskaper:</b>
	Utmatningskapasitet: <b>Ikke analysert</b>
<b>Brannmotstand: NPD</b>	
<b>Produksjonsgrunnlag:</b>	Tegningsnr.: 10004417, Vekt: 95kg
<b>Montering, beregning:</b>	Masten monteres mot fundament med medfølgende M20 A4-80 bolter, hullmønster: 230mm x 230mm, se vedlagt Produktdatablad. Maksimal lokal referansevindhastighet: 29m/s. (TK = II) Maksimal høyde over havet: 500m hoh. => Maksimal vindlast i kast = 1,018 kN/m <sup>2</sup> Ref. Vind iht. NS 3491-4 / NS-EN 1991-1-4: Følgende utstyr kan maksimalt monteres sentrisk/eksentrisk på masten Maksimalt ekv. areal av utstyr montert på toppen: 0,3 x 0,3 x 0,3m Maksimal vekt av utstyr montert på toppen: 10kg Kabler må monteres fritt, ikke i kabelgate. Alternativt kan masten beregnes med Mastkalkulator. Den beregnes da som NM89-7.5 men med maksimalt 51% utnyttelse av bøyemoment.
<b>Drift / Vedlikehold:</b>	Intet vedlikehold er påkrevd
<b>Systemer for vurdering og kontroll, CE merking: :</b>	masten er CE merket iht NS-EN 1090-1:2009+A1:2011, se vedlegg. <b>Notified Body nr. 2627, TÜV Rheinland Polska.</b> System for attestering av samsvar iht. CPR, Annex V: System 2+ (SA med beregningsgrunnlag kan leveres hvis ønskelig)
<b>Varig merking:</b>	<b>Varig merking:</b>  <b>04417STÅASP####</b>  <b>ÅÅ = Produksjonsår, #### = SP internt order nr.</b>

**Nr. 22590013890**

## Antenne-kamera mast 150 x 150 6m

Rev. JSK 03.12.2024

Dette er en stiv og stabil antenne-kameramast.  
Designet for å redusere bevegelser og vibrasjoner  
i forhold til aluminium master. CE-merket iht. EN1090.  
180x180x10mm topp-plate med spor for feste av utstyr.  
Hjørnestag Ø20mm, diagonaler Ø10mm.

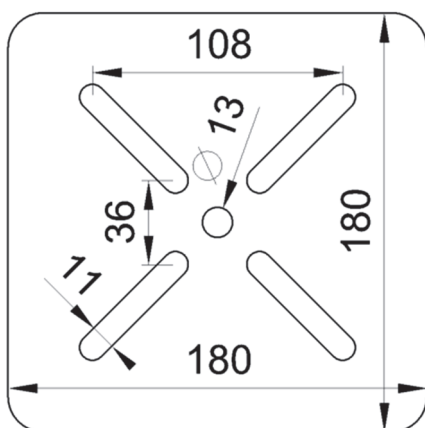
**Fotplate 290x290x20mm, hullmønster: 230mm x 230mm, for M20**

**Material:** Stål S355J2

**Overflatebehandling:** HDG iht. EN ISO 1461, klass Fe/Zn 115µm

**Vekt:** 95kg

**Topp plate, standard  
for montering av utstyr:**



**Medfølgende  
fundamentboltsett:**



22350000020 NM89 - NM190-45  
Fundament boltsett M20  
A4-80, Mutrer belagt med Gleitmo

**Egnede klammer for montering av utstyr på siden av masten:**



21190022730 Klammer VFZ for Ø20-45mm, m VD skinne

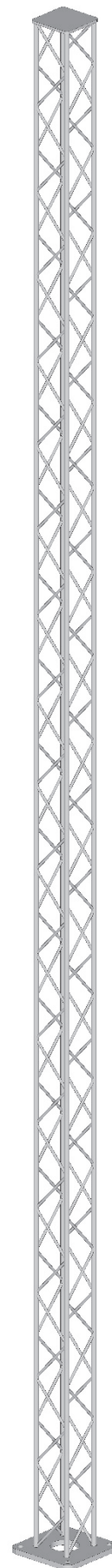


21190022740 Klammer VFZ for Ø20-45mm, m glideskinne

**Egnet fundament:**



22361010070 F-NM89-7.5L, Betongfundament, type1, Lav  
Størrelse fundament (H x B x L): 0,7m x 0,75m x 0,75m





Ytelseserklæring:  
saferoad.no/ye/225

**CE**  
**2627**

## **Saferoad Traffic AS**

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NS-EN 1090-1:2009+A1:2011

### **Antenne-kamera mast 150 x 150 6m**

Tolerances: NS-EN1090-2 , class 1  
Weldability: S355J2 according to EN10025-2  
Fracture toughness: S355J2: 27J at temp. -20°  
Cadmium extraction: NPD  
Radioactivity: NPD  
Durability: HDG acc. to SS-EN ISO 1461,  
class Fe/Zn 115µm

### **Structural characteristics**

Fatigue strength: Not analyzed  
Resistance to fire: NPD  
Execution class: EXC2

Manufacturing: Drawing no.:  
10004417

Product number: 22590013890

Marking: 04417STÅÅSP####

# CERTIFICATE

conformity of the Factory Production Control

**2627-CPR-1090-1.PL0238.TÜVRh.22.01**

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulations - CPR)

This certificate applies to the following construction product:

<b>Construction product</b>	Structural components and kits for steel structures to EXC2 according to EN 1090-2:2018
<b>Intended use</b>	for load-bearing structures in all types of buildings
<b>CE-marking method</b>	ZA.3.2-ZA.3.5 according to EN 1090-1:2009+A1:2011
<b>Manufacturer</b>	<b>Saferoad Traffic AS</b> Paul A. Owrens veg 46 2607 Vingrom Norway
<b>Manufacturing plant</b> <small>Production facility of the manufacturer</small>	Saferoad Pomerania Sp. z o.o. Stanisława Dubois 23 str. 71-610 Szczecin, Poland
<b>Confirmation</b>	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 is assessed to be in conformity with the applicable requirements.
<b>Date of first issue</b>	21.06.2018
<b>Validity</b>	This certificate will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.
<b>Next Surveillance inspection</b>	20.06.2025
<b>Place and date of issue</b>	Zabrze, 15.03.2024

*Leszek Zadroga*  
Leszek Zadroga  
Notified Body



# WELDING CERTIFICATE

## 8610-1090-2.PL0150.TÜVRh.22.01

in accordance with EN 1090-1:2009+A1:2011, table B.1 for execution of structural steel components EN 1090-2:2018

<b>Manufacturer</b>	<b>Saferoad Traffic AS</b> Paul A. Owrens veg 46 2607 Vingrom Norway
<b>Manufacturing plant</b> <small>Production facility of the manufacturer</small>	Saferoad Pomerania Sp. z o.o. Stanisława Dubois 23 str. 71-610 Szczecin, Poland
<b>Technical specification</b>	EN 1090-2:2018
<b>Execution class(es)</b>	EXC2 acc. to EN 1090-1:2009+A1:2011
<b>Welding Process(es)</b> <small>(Reference no acc. to EN ISO 4063)</small>	135 - Metal active gas welding, partly mechanized
<b>Material group</b>	1.1, 1.2, 1.3 according to CEN ISO/TR 15608
<b>Responsible welding coordinator</b>	PL-IWE-00757/2010
<b>Confirmation</b>	All provisions concerning welding as described in the above mentioned technical specification(s) were applied.
<b>Begin of validity</b>	21.06.2018
<b>Period of validity</b>	20.06.2025
<b>Place and date of issue</b>	Zabrze, 15.03.2024

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Certification Body



 **TÜVRheinland**<sup>®</sup>  
Precisely Right.