

# EC DECLARATION OF CONFORMITY

pursuant to Annex II A of the Machinery Directive 2006/42/EC


The Company's legal representative:



**METALLURGICA MARCORA S.P.A.**

Via IV Novembre, 71 - 20012 CUGGIONO (MI)

**Declares on his own responsibility that the lifting accessories:**

<b>Name:</b> steel wire slings for lifting of bundles	<b>Max capacity load (WLL):</b>	
<b>Type:</b> 5.5x6 - 275	<b>Year:</b> 2021	

**conform to all the relative provisions of the following EU directive:**

❖ **Machinery Directive 2006/42/EC**

**Main standards considered:**

**EN ISO 12100** Safety of machinery - General principles for design - Risk assessment and risk reduction  
**EN 13155** Crane - Safety - Non-fixed load lifting attachments

**Person authorised to compile the technical file:**

**First name and given name:** Dr Giuseppe Marcora





**Address:** c/o Metallurgica Marcora - Via IV Novembre, 71 - 20012 CUGGIONO (MI) ITALY

**The legal representative:** Dr Giuseppe Marcora  
Cuggiono (MI)

**Date:** 30 August 2021

## OPERATIONAL INFORMATION

- In these instructions on the use of fasteners to lift bundles, some symbols are used to draw the reader's attention and emphasize particularly important parts of the text below.

SYMBOL	MEANING	EXPLANATION, ADVICE, NOTES
	Danger	<ul style="list-style-type: none"><li>Indicates a danger with the risk of an accident and noncompliance with the instructions marked by this symbol may lead to a situation of grave danger for operator safety and/or for the people exposed! Follow instructions carefully!</li></ul>
	Warning	<ul style="list-style-type: none"><li>Warning to pay the greatest attention.</li></ul>
	Notice/Note	<ul style="list-style-type: none"><li>Indicates a notice or note on key functions or on useful information.</li></ul>
	<ul style="list-style-type: none"><li>Observation</li><li>Action to be taken</li></ul>	<ul style="list-style-type: none"><li>A stylized eye may tell the reader that:<ul style="list-style-type: none"><li>a) he has to carry out a visual inspection</li><li>b) he has to proceed with the operating sequence.</li></ul></li></ul>

### IMPORTANT NOTICES

- The fasteners for lifting bundles are lifting accessories that are designed to be used in "single use" mode only to permit the material to be loaded onto and unloaded from a vehicle designed for this purpose;
- They are manufactured by Metallurgica Marcora S.p.A. - Via IV Novembre, 71 - 20012 Cuggiono (MI) in compliance with the Essential Safety Requirements of Annex I of the Machinery Directive 2006/42/CE and "CE" marking certifies their conformity. Their intended use to handle only bundles of laminate produced by Metallurgica Marcora S.p.A.;
- With reference to what has been shown in the present instructions, Metallurgica Marcora S.p.A. shall not be liable if
  - the fasteners are used to lift bundles in a manner that infringes national health and safety laws;
  - the incorrect equipment (cranes) and/or grips (slings) are chosen to which the fasteners have to be connected;
  - the instructions are not followed or are not followed correctly;
  - the fasteners are modified or tampered with that are used to lift bundles or the fasteners are reused for further loading and unloading of other materials.
- The customer/user must comply strictly with the prescriptions given and in particular must:
  - never exceed the capacity of the fasteners for lifting bundles. Their max. capacity is 3200 kg with 2 fasteners at 90°;
  - scrap the fasteners for lifting bundles once unloading operations have terminated.

## INSTRUCTIONS ON USE






### Intended use - prescribed use

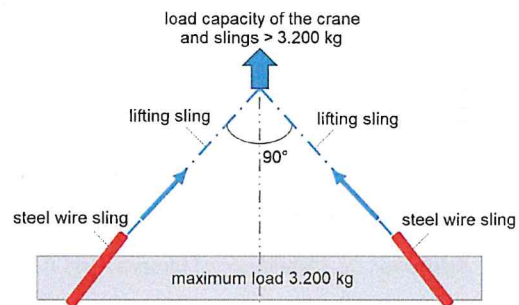
- The fasteners for lifting bundles are lifting accessories whose **Intended use - Prescribed use** is only to permit bundles of laminate manufactured by Metallurgica Marcora S.p.A. to be gripped, lifted and moved in space in **"single use"** mode.
- **"Single-use"** mode consists of handling material only as far as necessary to load the material onto the transport vehicle provided for this purpose and for subsequent unloading and storing in the warehouse.
- The fasteners are to be connected directly, i.e. fitted to the bundles of laminate to be handled, to permit handling of the laminates by suitable gripping equipment (chain or cable slings with hook ends) and lifting equipment (cranes).



### Capacity and use configurations

- Each fastener for lifting bundles has a rating plate on which in addition to the CE marking, max. capacity in the admitted use configuration is shown: **3200 kg with two 90° fasteners**
- The laminate bundles must be gripped by **2 fasteners arranged symmetrically** with respect to the load axis.
- The total max. capacity of the 2 fasteners is **3200 kg with a 90° angle at the top of the sling ≤**
- The minimum capacity of the lifting machinery and of the lifting slings must always be **≥ 3200 kg**

 <b>METALLURGICA MARCORA</b>	
lifting accessory: <b>STEEL WIRE SLINGS FOR LIFTING OF BUNDLES</b>	
type: 5,5x6 - 275	
year: 2021	
max capacity load (WLL): <b>kg 3.200 with 2 slings at 90°</b>	
	



### Use and scrapping methods

- The fasteners are supplied by Metallurgica Marcora S.p.A. already assembled on the bundle of laminates to be handled;
- Before handling, check that:
  - **ambient lighting** is such as to ensure full visibility of manoeuvring to ensure maximum possible safety;
  - **ambient temperature** does not exceed the following values: **min. - 10 °C; max. + 45 °C;**
  - **the temperature of the laminates** to be handled does not exceed the value: **max.+ 63 °C;**
- **The operator** in charge of handling the bundles with the fasteners **must have reached the age of majority and be suitably trained** in the use of lifting equipment and accessories;
- **Inspect** the fasteners for wear. They **must not have cracks and the coils must not be severely twisted;**
- **Connect the hooks** of the slings with the slot of the fasteners so that on each hook jointed hinges form that offer freedom of movement, **check that they do not show signs of strain or stiff constraints between the hooks and the coils of the fasteners;**
- Start handling by slowly tensioning the sling until the bundle is raised for a few centimetres; stop the manoeuvre and check the stability of the load, **checking that the bundle does not tilt by more than 6°;**
- Subsequently, after checking the reliability of the grip and the stability of the load, perform one movement at a time with the lifting equipment so that the task can be started, stopped and constantly followed by the operator, who must also **avoid performing repeated ascent and descent movements to limit the dynamic stresses that are generated;**
- After handling, after setting down the load carefully, free the hooks of the sling from the slot of the fasteners;
- As the fasteners are **"single use"**, after loading, unloading and release they must be removed **and scrapped.**



### Non-prescribed use, non permitted use, improper use, contraindications

- As the use of the fasteners for lifting bundles for non-permitted purposes or their improper use may give rise to **situations of grave danger**, the actions described below must be deemed to be **strictly prohibited** and accordingly:
  - **NEVER** lift bundles whose weight exceeds the capacity of the fasteners, namely > 3200 kg;
  - **NEVER** allow the load to swing or perform manoeuvres with sudden movements, jerks or at high speeds;
  - **NEVER** lift without first making sure that the load and slings are fixed securely;
  - **NEVER** lift up unbalanced loads with grips that are outside the centre of gravity or are not aligned with a tilt of the bundle > 6°;
  - **NEVER** leave the load suspended on the fasteners, once the handling task is commenced it must be completed in as short a time as possible;
  - **NEVER** handle bundles in ambient temperature conditions < - 10 °C;
  - **NEVER** use the fasteners in zones at risk from explosions or where the use of ATEX components is prescribed;
  - **NEVER** place your hands on the fasteners or on the slings during the "tensioning" phase;
  - **NEVER** reuse the fasteners for further handling. Scrap them once they have been used for the first and only time.