

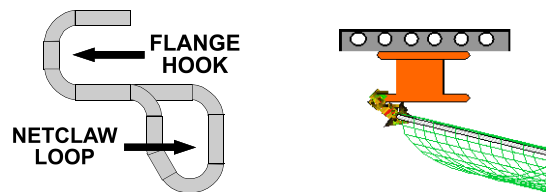
# INSTALLATION INSTRUCTIONS FOR NetClaw™

Leon De Oro UK Ltd

## 1.1 Work Description

To allow the erection of EN1263-1, type S safety nets to the requirements of EN 1263-2, suspended directly from the steel frame as close as possible below the working level.

The NetClaw and net can be attached to the steel beam using a pole. This means the safety net can be erected from below, thus removing the risks associated with working from ladders, towers or platforms - particularly at the building edge and internal openings.



## 1.2 Form

NetClaw is manufactured from 8mm, zinc plated, Carbon Sprung Steel.

The Pole made from aluminium. A NetClaw head sits at the top of the pole and receives the NetClaw.

## 1.3 Limitations of use:

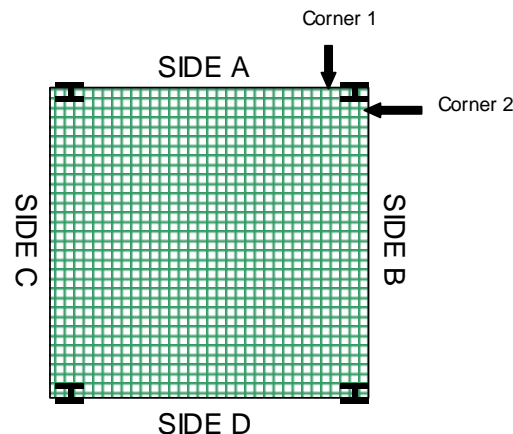
- ❑ At all times, safety nets must be installed in line with the requirements of EN1263/2 and the guidelines laid out by FASET.
- ❑ The steelwork must be capable of taking a 6kN load at 45°.

- ❑ The NetClaw can only be attached to the lower flange of an I section or C section.
- ❑ NetClaw is not suitable for use on *extreme* curved roofs such as barrel vaults.
- ❑ NetClaw cannot be used on circular sections.
- ❑ The 25mm NetClaw must not be used where the flange thickness is less than 8mm or greater than 24mm.
- ❑ The 40mm NetClaw must not be used where the flange thickness is less than 20mm or greater than 40mm.
- ❑ The NetClaw must always be fitted to the outer flange of the steel in such a way that the *self weight* of the net is *drawing* it into the steel.
- ❑ The safety net must be attached on all four sides, unless eaves bagging techniques are employed. When this is the case, NetClaw should be prevented from *sliding* along the steelwork.
- ❑ The NetClaw pole is suitable for use for upto 3.5m storey height.

**DO NOT USE DAMAGED OR PREVIOUSLY LOADED NETCLAW.**

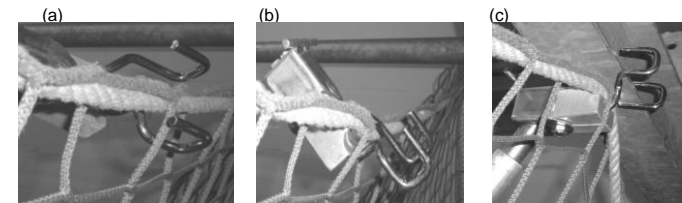
## 1.4 Method of Erection - Using NetClaw Pole

- ❑ Plan work sequence. When working in perimeter bays, always rig the perimeter beam first. Ensure the net is at least 10% bigger than the void to be netted. Any excess must be under rolled and fed into the NetClaw loop.



Visually examine each NetClaw before use. If there is any sign of damage - discard.

- ❑ Ensure the floor is clear from waste & debris that could snag the mesh.
- ❑ Lay the net on the floor in the correct orientation to the bay.
- ❑ Starting at corner 2 (see erection diagram), connect the NetClaw into the NetClaw Head by pulling apart the two aluminium cheeks.
- ❑ Feed the border rope and any excess net (incl.selvage) into the NetClaw loop by rotating the NetClaw clockwise by 90°<sup>(a)</sup>. Once the border rope and mesh are contained within the NetClaw loop, reverse this action <sup>(b)</sup>.



- ❑ When the border rope and mesh are contained within the loop they should lie adjacent to the two flange hooks.
- ❑ Offer the NetClaw and safety net to the steel beam, at corner 2 (see erection diagram), in such a way that the **TWO** flange hooks locate on the lower flange<sup>(c)</sup>. Once located, pull the pole sharply in a downwards direction to release the NetClaw from the NetClaw Head.



- ❑ Repeating the above process, offer another NetClaw to the adjacent beam on SIDE A, (corner 1-see erection diagram)
- ❑ Connect the NetClaw to the lower flange of the steel beam. Ensure the **TWO** flange hooks locate on the lower flange.
- ❑ Repeat the above process along side A (see erection diagram), locating the NetClaw at 1.5 - 2m centres.
- ❑ Repeat the above process along side B (see erection diagram), locating the NetClaw at 1.5 - 2m centres.
- ❑ The final 2 sides may require gathering to achieve a 10% sag. The NetClaw loop can accommodate approx. 1.5m of gathered net. ALWAYS ensure the border rope is contained within the NetClaw loop.
- ❑ FASET guidelines on waisting gaps should always be followed.
- ❑ Repeat the above process along side C (see erection diagram), locating the NetClaw at 1.5 - 2m centres.
- ❑ Repeat the above process along side D (see erection diagram), locating the NetClaw at 1.5 - 2m centres.
- ❑ Once the first bay is complete, the operation is repeated in the adjacent bay. When working to the shared beam, feed the NetClaw and net beneath the already rigged net, staggering the NetClaws.
- ❑ Once the net is fully rigged and before moving to the next net, ensure all NetClaw are properly located - in particular, that both flange hooks are located on the flange.

## Important!

**When using NetClaw at the perimeter of buildings or above voids and openings, the NetClaw must be cable tied to the border rope and mesh.**

**Always ensure any multiple pole sections are securely tightened with their ends abutting each other. Never over-load the pole and extension joint. Always ensure the head is secured to the pole**

### Striking:

- ❑ Nets are struck using the pole and NetClaw Head. Take care to keep the NetClaw attached to the border rope and selvage.
- ❑ Push the NetClaw away from the steel flange until it is free. You can use the NetClaw Head in its entirety or use the bar on top of the head alone.
- ❑ Repeat this process until all the NetClaws and net are on the ground.
- ❑ Remove all the NetClaw from the net, inspecting for damage before storing them until their next use.
- ❑ At all times, ensure you position yourself so that you are always pushing away from your body.
- ❑ At all times ensure no one else is below or adjacent to the nets that are being struck.

These instructions should give sufficient information on the proper use of NetClaw, if in any doubt over any aspect of NetClaw, contact Leon De Oro UK on 01869 322232.

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# INSTALLATION INSTRUCTIONS

FOR



ON METAL  
DECKING  
APPLICATIONS

FROM

**Leon De Oro UK Ltd**

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EUROPEAN DESIGN No. 000015433