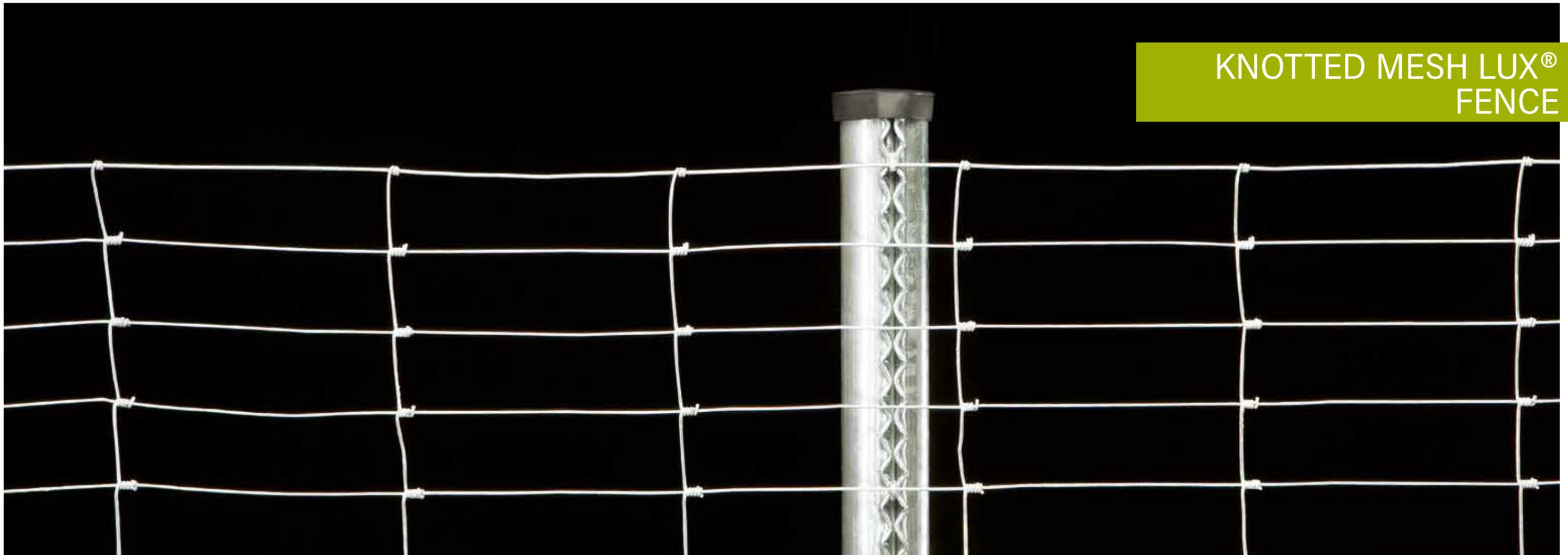


KNOTTED MESH LUX[®] FENCE



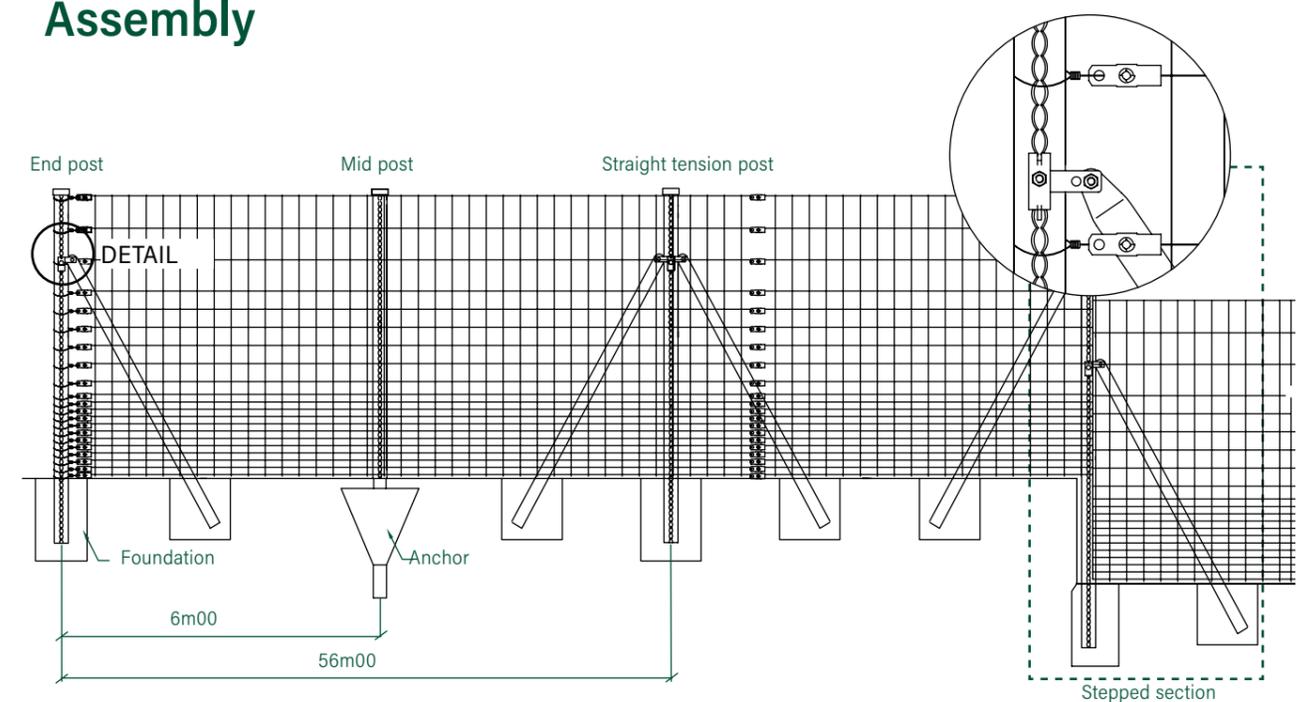
OUTSTANDING

- Easy-to-handle versatile enclosure
- Long useful life
- Enclosure for large areas

Application places



Assembly



Technical features

POSTS AND ACCESSORIES

- Lux 50 or Lux 80 type-post depending on heights, provided with longitudinal rack for fixing accessories and the necessary BRACKETS to bear the tension of meshes. Low-carbon sheet, in accordance with the EN-10142 standard. Pull strength of 300 to 500 N/mm².
- Accessories coupled to the rack by anchoring screw.
- Polypropylene cap which is resistant to atmospheric agents.
- Galvanised, reinforced wire staple, anchored vertically to the rack to prevent it from slipping lengthways.

KNOTTED MESH

- A reliable, economical mesh for enclosing large spaces, made of rectangular knotted mesh, wire with triple-galvanised protection (240gr Zn/m²), upper and lower diameter of 2.40mm and the rest of the wire has a diameter of 1.90mm. Variable distances between the vertical wires (see table of characteristics).

FENCE HEIGHT	TOTAL POST LENGTH	END POST TENSION ANGLE			INTERMEDIATE POST		
		POST TYPE	THICKNESS	No. OF STAPLES	POST TYPE	THICKNESS	No. OF STAPLES
1m00	1m00 25 (0m 20 flush)	LUX 50	1.3mm / e.m.	1	LUX 50	1.3mm / e.m.	4
1m00 50	1m00 80 (0m 25 flush)						5
2m00	2m00 35 (0m 30 flush)	LUX 50 / 80					

MESH TYPE	DISTANCE BETWEEN VERTICAL WIRES	HEIGHT	No. OF HORIZONTAL WIRES	SERIES
100-08-15	15cm	1m00	8	LIGHT
100-08-30	30cm			
148-18-15	15cm	1m00 50	18	
148-18-30	30cm			
200-20-15	15cm	2m00	20	
200-20-30	30cm			

STRAIGHT SECTION

The end posts are installed at the beginning and the end of the fence, the mid posts every 6m and the tension posts every 56m of straight section. In hard or highly compacted soil the foundation may be optionally substituted by an anchoring system that is mechanically driven into the soil, the post being less than or greater than the useful height of the fence.

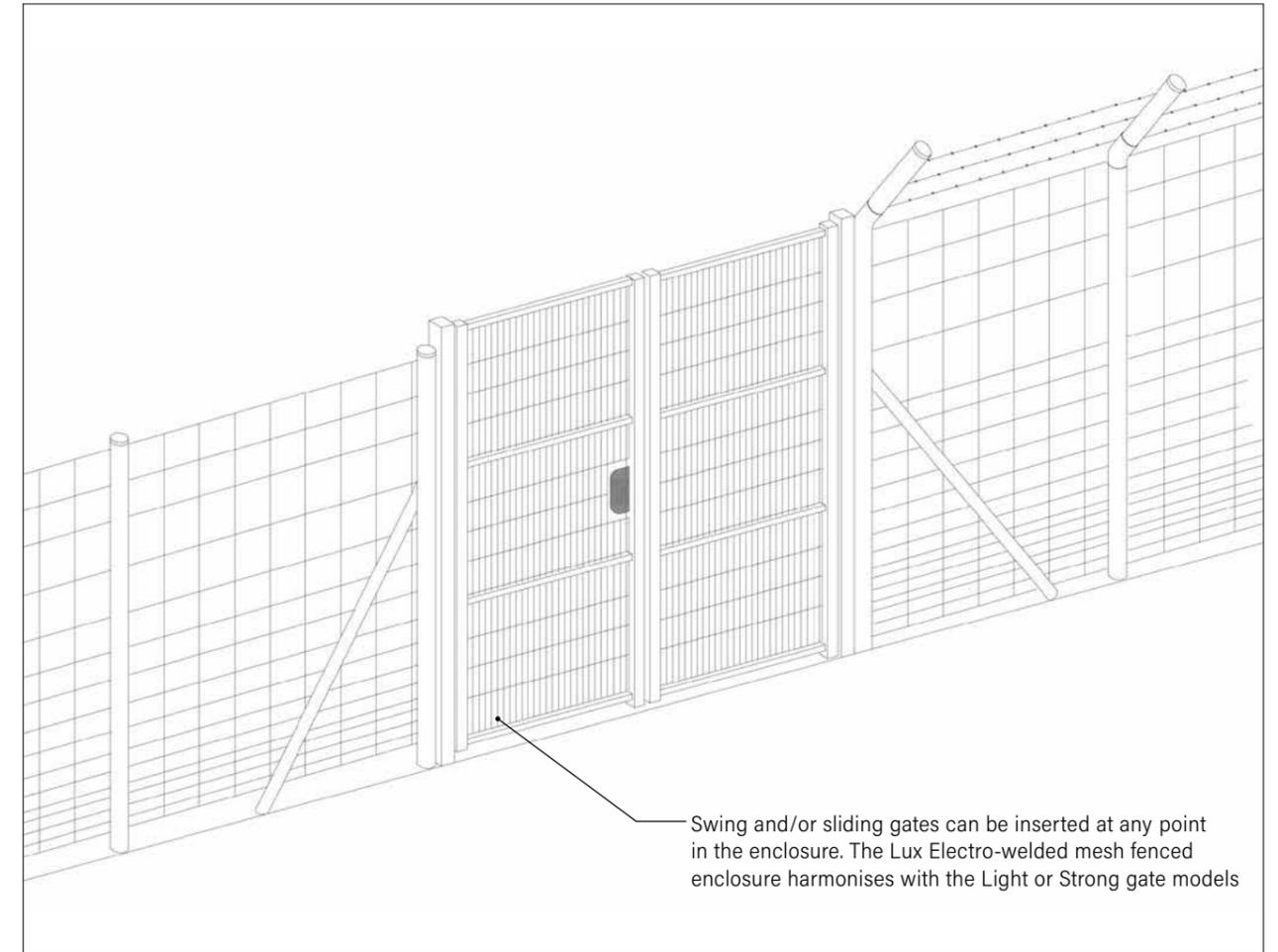
STEPPED SECTION

On the steps, install the longest post (normal length + step height) on the lower part of the fence and clamp the mesh to the upper and lower sections of the mesh. Install twice the number of brackets for the tension wires and struts on the post.

SLOPED SECTION

Wherever the fence changes level (i.e., where the slope gradient changes), install a straight tension post. The posts on the slanted sections of the fence must be vertically levelled, so that they are oblique to the direction of the tension wires (parallel to the ground) and to the mesh.

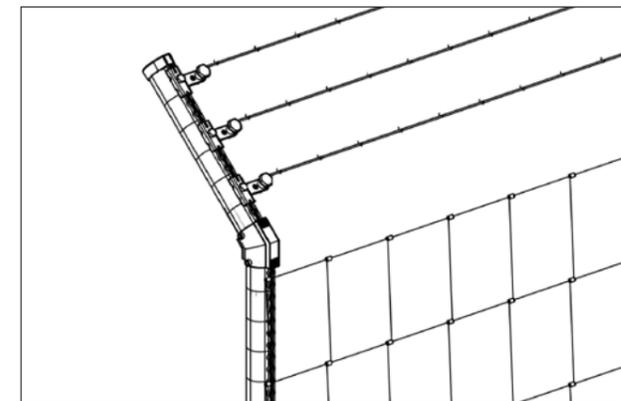
Gates and bayonet extension



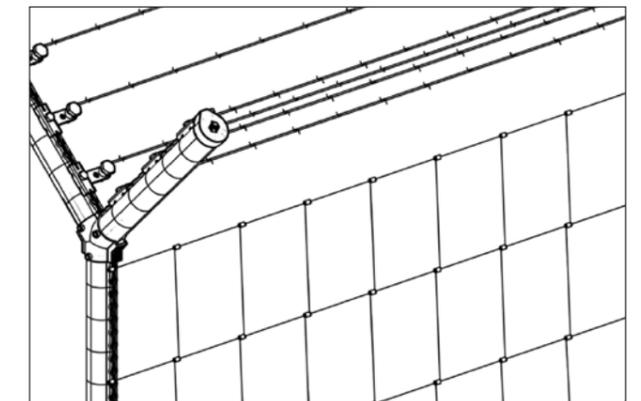
SECTION WITH EXTENSION ARM FOR BARBED WIRE

Optional installation of barbed wire for security fences. Supplement with a slanted arm for installing the necessary brackets and staples for the barbed wire.

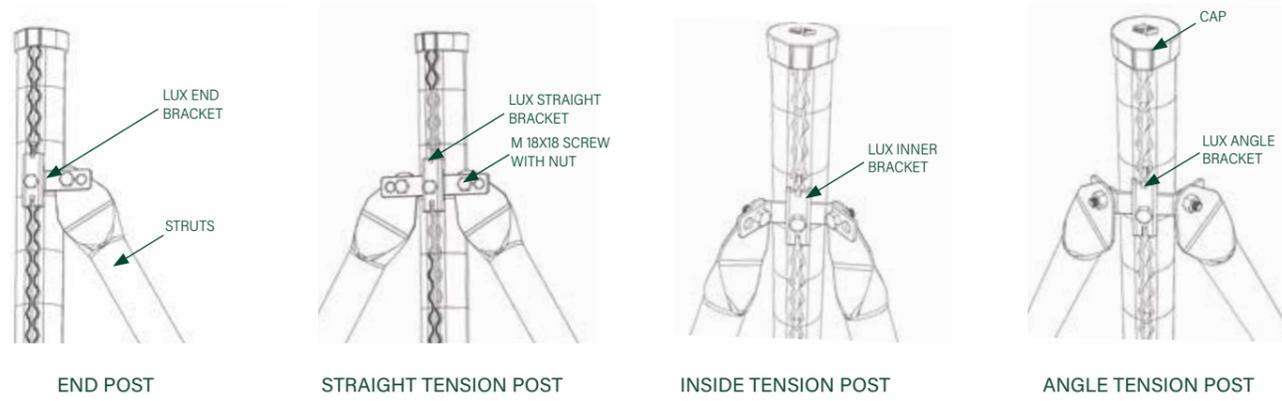
Additional single inclined extension bracket with barbed wire



Additional double inclined extension bracket with barbed wire (only for Lux-80 tube)



Posts



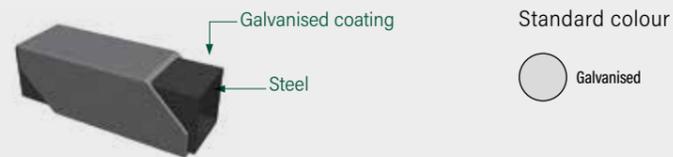
Accessories



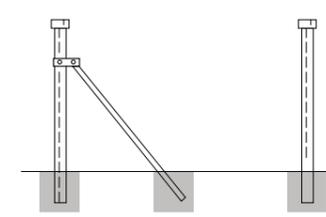
Anticorrosion coating

POLES AND ACCESSORIES

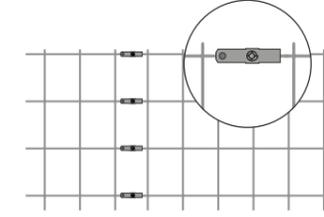
- All Lux Knotted Mesh Fence materials are hot-dip galvanised.
- Accessories: electrolytic galvanised
- Rectangular knotted mesh with galvanised triple protection wire 240grs Zn/m²



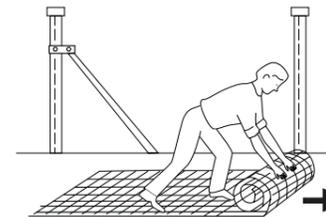
Assembly manual



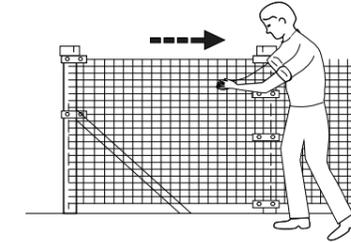
1 Mark the line of the enclosure with the help of a rope. Lay the foundation posts, with the rack facing outwards, starting with the ends, the tension posts and finally the intermediate posts.



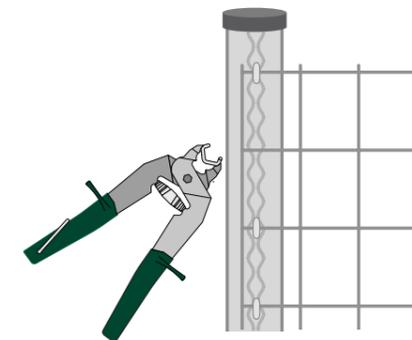
4 Join the rolls of netting required to complete the entire length using the ratchet tensioner.



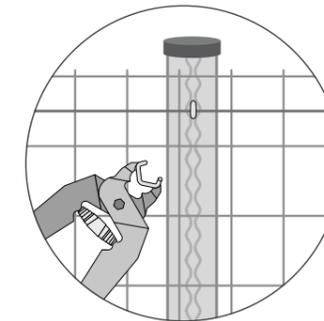
2 Spread the mesh on the outside of the ground.



5 Stretch and tension the mesh by stapling it to the nearest tension post.



3 Staple the mesh to the end post by inserting the ends of the pliers with a clamp into the holes of the zip and closing to tighten. Repeat the operation



6 Staple the horizontal wire rows to the intermediate posts and the last vertical wire of the fabric to the tension posts.

