

MINI ESCALIB Mills...

The mini Escalib is a metal spiral staircase with a side exit (1m28x1m28).

Identical to the Escalib in its design, the Mini Escalib was designed for cramped sites. It has the same advantages as the Escalib meaning, erection and dismantling using collective protection, fast and easy installation and mobility with crane.

Beyond 2 modules, it is recommended to have crossing zones (exits).

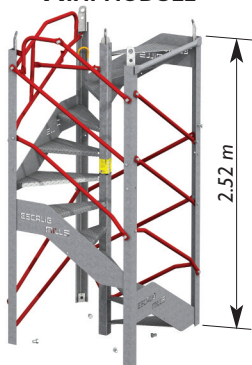
NEW !



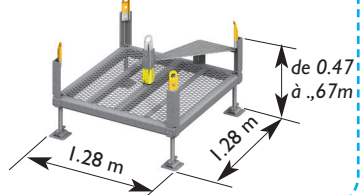
“TOPMOST” MINI MODULE
(= mini module + mini barrier gate).



MINI MODULE



MINI BASE



Mini Escalib installed on a bridge.



Mini Escalib installed to access footbridge.

“Designed for cramped sites”

MINI ESCALIB Mills...

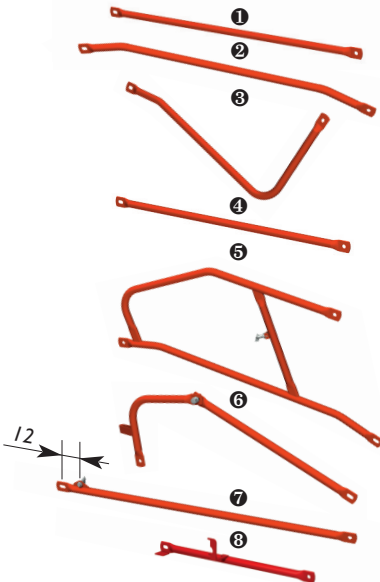
> The Mini Escalib has 3 different unitary components :

Description	Code	Weight
Mini module	014120-0	307
Mini barrier gate	014122-6	10,5
Mini base	014121-8	147

Weighs in kg.

> Spare parts :
> MINI GUARDRAILS

Description	Code	Weight
1 Mini straight guardrail	014130-9	3
2 Mini curved guardrail for face C-D	014131-7	3
3 Mini flattened curved rail for face A	014132-5	3,2
4 Mini straight rail for face B	014133-3	2,7
5 Mini locking barrier face B	014135-8	7,5
6 Mini swivel guardrail for face C	014137-4	3,7
7 Mini locking guardrail for face C	014134-1	3,1
8 Mini erection guardrail	014136-6	1,8



> STICKERS

Description	Code	Weight
1 Center upright sticker	NC0437	-
2 Inside stringer sticker	NC0424	-



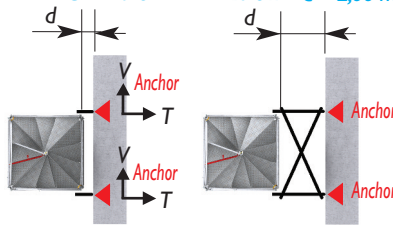
1 USING THE ERECTION GUARDRAIL

- BEFORE LIFTING THE MODULE, reset the erection guardrail horizontal position.
- Never carry the "topmost" module with the erection guardrail in vertical position (keep the dimensions read left).
- The erection guardrail must not be used as a substitute for the barrier gate.

> Height : ref page 239.

> Anchor points ::

Configuration 1 : $d \leq 20 \text{ cm}$ Configuration 2 : $20 \text{ cm} < d < 2,00 \text{ m}$

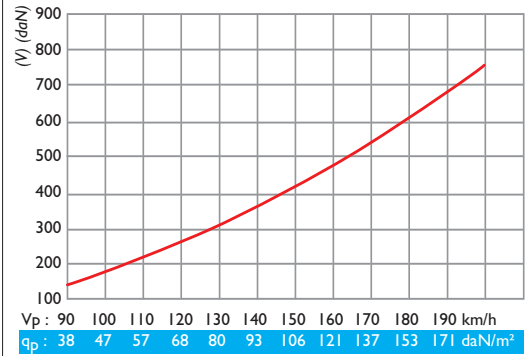


If "d" is greater than 20cm, wind bracing may be required to reinforce the anchor system. Configuration 2 requires special calculations. For a given direction, forces in both directions must be taken into account. Anchor points are positioned every 2 modules.

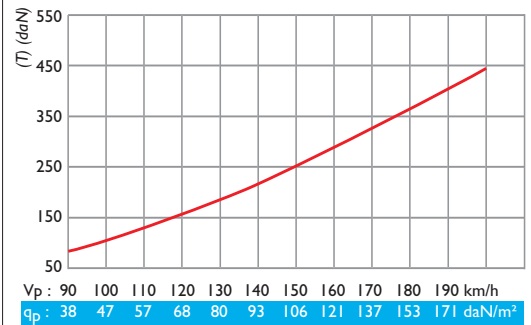
Stress on the anchor points in configuration I for the Mini Escalib.

> Efforts dans les amarrages dans la configuration I pour un Mini Escalib :

Efforts de cisaillement (V) :



Efforts d'arrachement (T) :



> Groud loads :

Mini Escalib Mills	Groud loads P+Q (daN):							
Number of modules	1	2	3	4	5	6	7	8
Max load per foot	644	1003	1180	1256	1333	1410	1487	1563
Total load	1265	2168	2739	3046	3353	3660	3967	4274

> Mini Escalib Transport :

The basic principle for the loading of the Mini Escalib remain the same as the Escalib ref. p249
2 Mini Escalib can be loaded side by side on the width of the truck tray.

