

Monte-Tour

SAFETY



SAFETY

| PRODUCTIVITY

| ARDUOUSNESS

| SIMPLICITY

A REVOLUTIONARY
TOWER ASSEMBLY SYSTEM

Alphi
Formwork and solutions

Monte-Tour | A revolutionary tower assembly system

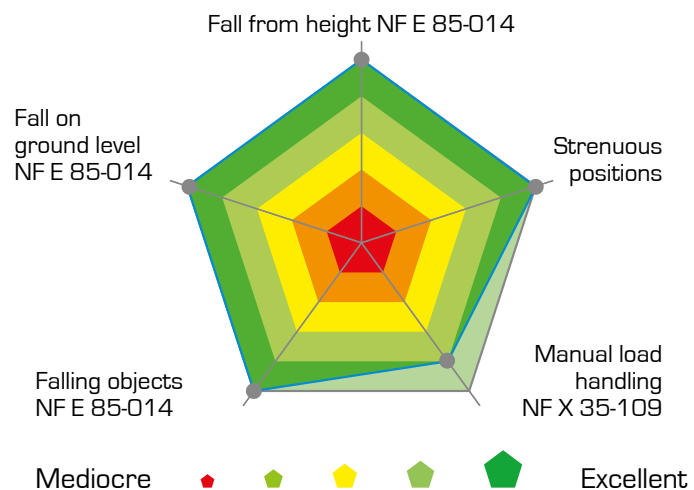


Monte-Tour

Traditionally, a shoring tower is assembled from the lowest level upwards, finishing at the top.

Alphi offers an innovative way to assemble towers **in the opposite direction from traditional assembly**. The workers start by assembling the top, and finish at the bottom.

The Monte-Tour is compatible with all A120 type ladder towers.



SAFETY AND ARDUOUSNESS PERFORMANCE CHARACTERISTICS

All handling operations are carried out by two workers from ground level. Safety is ensured and the work is less arduous. The hands are never higher than heart level.

Monte-Tour
in use

Monte-Tour | A revolutionary tower assembly system



PRODUCTIVITY

- The demonstrated increase in productivity is 52%, for both assembly and disassembly.
- Beyond 6 m, sections can be erected and assembled using a crane.
- The Monte-Tour can be used in any weather because it is watertight and dustproof.

SAFETY

- Falls from height are eliminated: the worker no longer needs to climb the tower before its assembly is complete.
- The tower cannot be assembled without all of its safety elements (guardrails, frames, etc.).
- Disassembly takes place under the same safety conditions.

HANDLING

- Can be used to move an assembled tower up to 6 m in height.
- The stability of the system allows it to be moved on uneven surfaces.



ARDUOUSNESS

- Reduced arduousness and repetitive strain injury: no element is lifted higher than the heart.



TECHNICAL INFO

- Lift height of fork: 4.65 m
- MWL: 600 daN
- Empty weight: 1200 kg
- Total length: 2.100 m
- Total width: 0.880 m
- Total height: 2.105 m

SAFETY INSTRUCTIONS

The recommendations for handling the Monte-Tour are indicated on the apparatus.

ONLY duly authorised operators can use this machine.



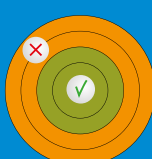
Keep your distance from the machine work area.



Do not pass under the load.



The water level bubble should be centred.





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**WEAR PPE: SHOES - HELMETS
GLOVES - GOGGLES**




BEFORE USE

Visually inspect the machine in order to detect any damage.




Check that there are no obstructions or overhead hazards.




USE


The machine **MUST** be stabilised before use.



Never move over soil, but only over concrete slabs.




The water level bubble should be centred.




CRANE HANDLING

Lower the mast and use the crane handling hooks located on either side of the mast (yellow colour).



Avoid significant shocks when positioning on the ground.



WARNING

- To use our products safely, please observe the regulations in force in each country.
- The elements and set-ups presented in this brochure match the characteristics of the equipment on the date of publication of the document. There might have been some changes since then.
- The use of our systems in combination with systems from other manufacturers may involve some risk, and would require special inspection.
- Before starting to set up, remember to secure the area.



Click [here](#) or scan the QR code to view the video of the procedure.

USER GUIDE: ASSEMBLY SEQUENCE



- This guide indicates the various stages of use of the Monte-Tour.
- To view the assembly drawing for a shoring tower, refer to the document provided by the shoring tower supplier.
- Do not pass under the load.
- Position a 1 metre ladder with its guardrails.
- Assemble the guardrails: ensure that the tilting studs lock (automatic).

2



- Position a second 1 metre ladder.
- Position the ladders in the notches provided in the Monte-Tour forks.

3



- Position the pre-set forks as desired.

USER GUIDE: ASSEMBLY SEQUENCE



- Using the Monte-Tour, raise the first level until you can insert a second 1 metre ladder.



- Assemble the second ladder level under the first level using pins.
- Repeat the operation for the other ladder.

6



- Assemble the guardrails: ensure that the tilting studs lock (automatic).

7



- Position the working planks in the tower.

USER GUIDE: ASSEMBLY SEQUENCE



- Repeat operations 4 to 7 to the desired height.



- Pre-set and position the base jacks on 1.5 metre ladders.

10



- Insert the first 1.5 metre ladder.
- Attach the ladder to that of the next level using pins.

11



- Insert the second 1.5 metre ladder.
- Attach the ladder to that of the next level using pins.

USER GUIDE: ASSEMBLY SEQUENCE



- Fit an entrance frame.
- Assemble the guardrails: ensure that the tilting studs lock (automatic).



- Fit the final access plank.

14



- The tower can then be craned or translated to its final position using the Monte-Tour.

USER GUIDE: DISASSEMBLY SEQUENCE



- Suspend the tower, raising it to the highest position with the forks on the Monte-Tour.
- Lift the tower from the ground using the Monte-Tour.



- Disassemble the cross-members.
- Disassemble the ladders.

3



- Lower the tower as disassembly progresses.
- Remove the guardrails.
- Remove the decks.

4



- Remove the ladders.
- Repeat operations 2 to 4.

ALPHI, THE FRENCH SHORING SPECIALIST



The Monte-Tour system offers a revolutionary tower assembly method, in the opposite direction from traditional assembly. This removes the risks of falls from height and falling objects.

Savoie Hexapole, Actipole 5 - 242, rue Maurice Herzog
73420 Viviers-du-Lac
FRANCE

Tel. +33 (0)4 79 61 85 90 - Fax +33 (0)4 79 61 85 99 - info@alphi.fr

Design Office: Tel. +33 (0)4 79 61 85 91 - be@alphi.fr

Logistics Department: Tel. +33 (0)4 79 61 85 92

Alphi
Formwork and solutions

Designed in France 

www.alphi.fr