access

with mobile working platforms

special building maintenance unit (BMU). Gemini Center, Milan.

Tractel Group

mobile working platforms: a better way

The advantages of mobile working platforms are their quick and easy access to the work place and their continuous level working area.
Whatever your reason for needing access to facades, boilers, chimneys, silos (inside and out), transmitting towers and aerials, bridges, etc, the equipment described shows some of the safest and most economic solutions available.
When our standard range of equipment is not suitable, we are happy to look at custom-made solutions to meet your special requirements, for example heavy working platforms for prestressing concrete (fig. 6), special platforms for work under bridges (fig. 8), etc.

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4 - ALTA suspended cradles are made up of modular sections of 2 m and 3 m and can be assembled to reach the length required. These sections can even be assembled to make platforms with several decks. Fitted with TIRAK powered hoists.

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*5 - The powered one-man lift SOLSIT is a particularly lightweight and economic solution for urgent repairs.
Whether for ALTA platforms or for the SOLSIT, we recommend mobile roof rigs or parapet clamps.
Sometimes an original solution is called for; we can do that.*

*6 - Special platform for prestressing concrete (Nuclear power stations, cement silos, liquid gas tanks, bridges, viaducts, etc. . .).
Operated by hydraulic TIRFOR TU-16H or TU-32H lifting machines and fitted with mobile beams for handling the prestressing rams.*

*8 - Freely suspended cradle for inspection and maintenance of guy ropes on suspension bridge (Normandy Bridge).
Powered TIRAK hoists and power pack mounted on the cradle.*

whether for temporary or permanent access: custom-made solutions

SSL-type removable davits (fig. 9) for mono cradles or 2 point suspended platforms are a particularly economic access solution.
RAILSCAF (fig. 10) is a permanent access system comprising a monorail in aluminium profile, fixed to the perimeter of a building and used as a track on which a trolley traverses and to which a cradle or SOLSIT is suspended.
SECALT Building Maintenance Units (BMU) (fig. 11, 12 and 13) are a hi-tech solution for access to the facades of modern buildings. Fitted with TWIN-TIRAK powered hoists with unlimited length of wire rope, these units can reach working heights in excess of 100 m. The roofcar traverses on a concrete track or on rails.

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9 - SSL-type removable davits may be turned into the required position so that the different sections of the facade can be reached.

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10 - RAILSCAF monorail system with powered mono cradle.
Manual or powered traversing trolley.
RAILSCAF travels equally well on a sloped or a horizontal track.

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12 - Special Building Maintenance Unit (BMU).
(Luxembourg International Bank).
All the traversing and rotating manoeuvres are controlled and carried out by programmable logic control (PLC) which takes the machine with its cradle automatically to the working area selected before leaving the parked area.

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13 - SENIOR BMU with articulated cradle.
(The Concourse, Singapore).
This solution allows access to recesses on the facade up to 3 m.

vertical access: a good alternative

Mobile access towers sited on the ground give a continuous level working area, with fast erection, even over large heights of lift.
IDEALSCAF mobile scaffolding tower (fig. 14 and 15) is ideal equipment for the maintenance services in factories, airports and stations, sports centres, etc. . .
The ELECTROSCAF platform (fig. 16 and 17) is either a variable height working platform or a lift to take personnel and materials to the working position.
The TRACTELIFT mobile work platform (fig 18 and 19) also operates from ground level and is suitable for working heights up to 12 m.

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IDEALSCAF
mobile aluminium scaffolding tower
- max. height of the floor panel: 20.2 m
- maximum load: 675 kg

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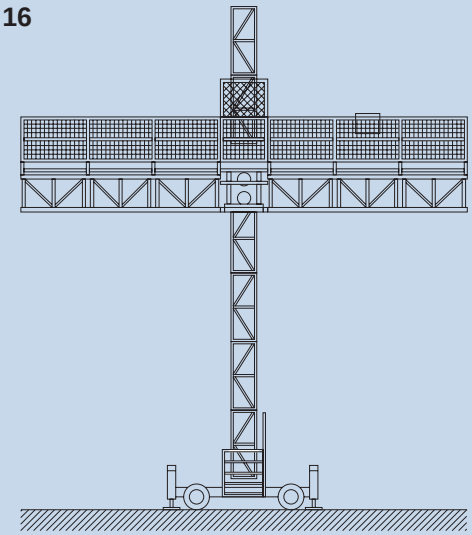

ELECTROSCAF 3000 working platform with a single or double mast
- maximum height: 150 m
- max. load (evenly spread): 1200 or 3000 kg
- maximum length of platform: 10 or 24 m

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TRACTELIFT
mobile work platform
- max. height of the floor panel 7.3 m to 10.3 m (according to the model)
- maximum load: 225 kg
- power supply by rechargeable battery
- standard model with swivel wheels
- towable model (optional)

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