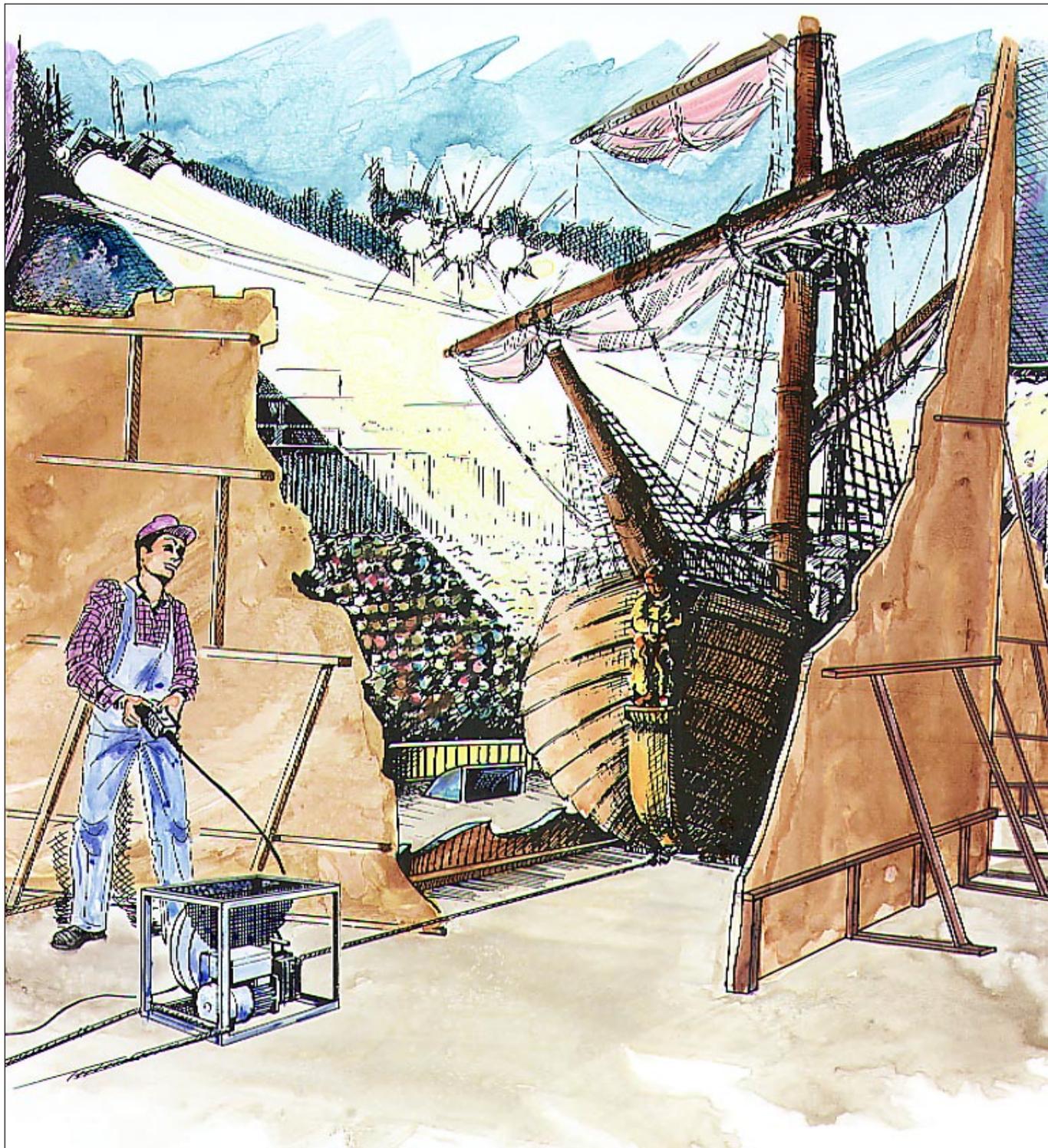


moving in the world of entertainment

lifting and handling equipment

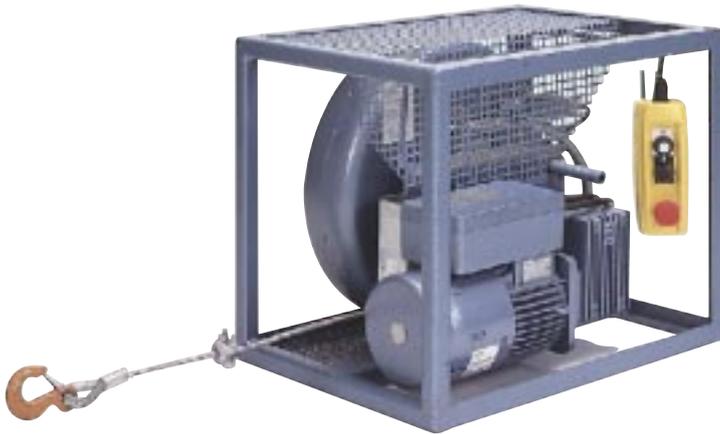


setting the stage. . .

movement and action, positioning of lighting gantries, scenery and stage sets:

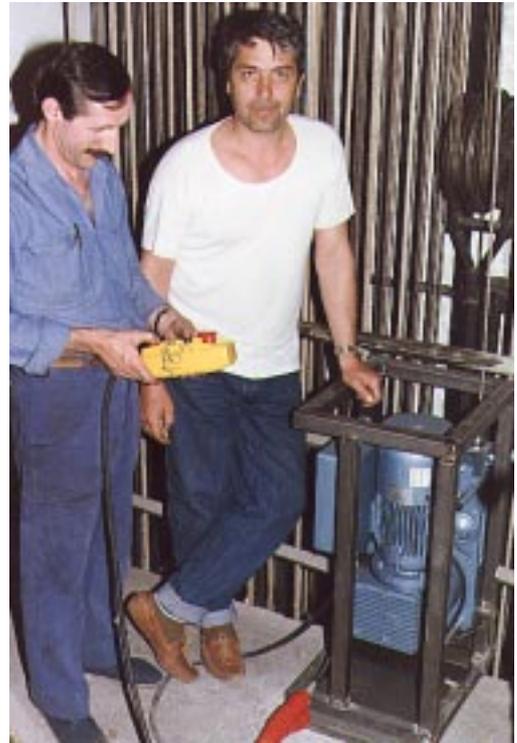
- quickly
- quietly, and
- precisely

with our range of powered and hand operated hoists and winches to produce a wide variety of theatrical effects

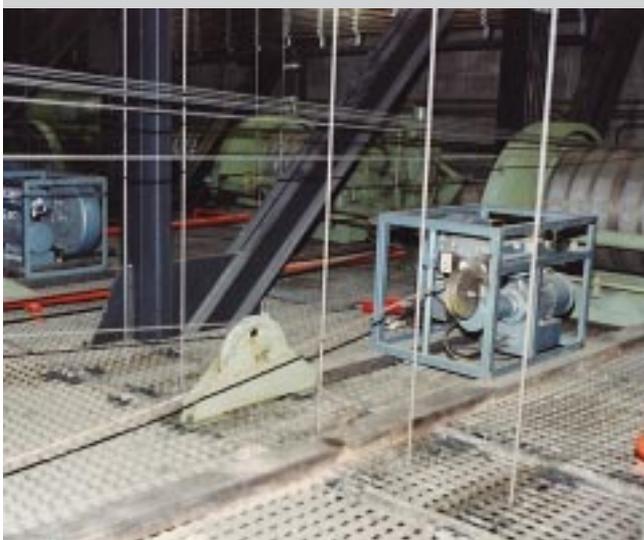


The powered TIRAK is a portable wire rope hoist, which can operate to-and-fro. Fitted in a frame with a wire rope reeler, the mobile winch is extremely compact and easily moved from one position to another. The TIRAK is approved for lifting people. Capacity: 300 to 1000 kg. Speed: 4.5 to 46 m/mn.

The mobile TIRAK winch can also be supplied in a soundproofed frame.



A TIRAK in operation at La Scala Opera House in Milan, for moving scenery

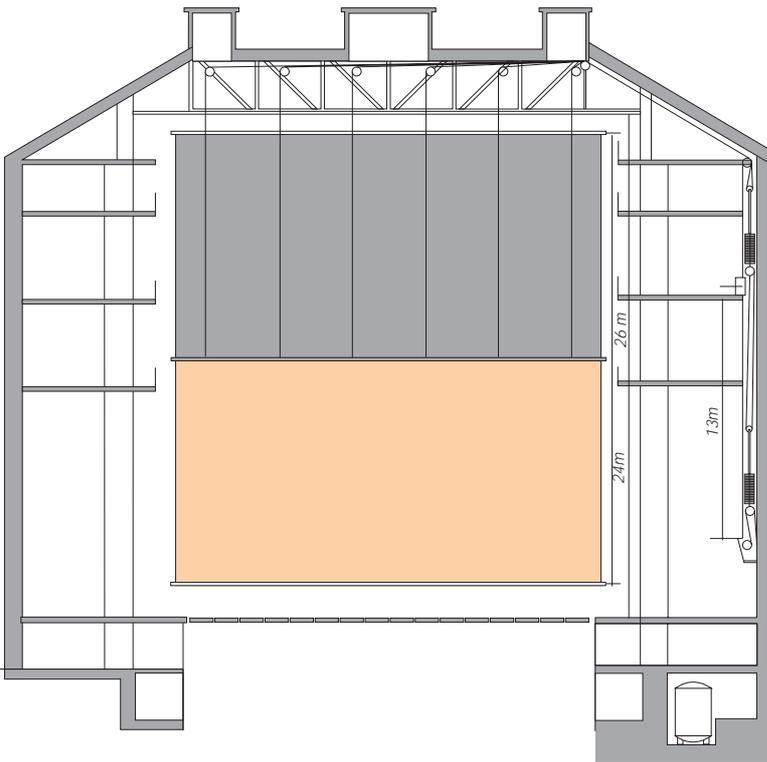


Application using 10 TIRAK hoists in frames for lifting and lowering the flybars at the Municipal Theatre in Bonn, Germany

5 TIRAK hoists complete with wire rope reeler, mounted at the side of the stage. Munich Playhouse, Munich, Germany

A TIRAK mobile winch opens a folding staircase during a performance, with 60 people on the staircase itself. Municipal Theatre, Hagen, Germany

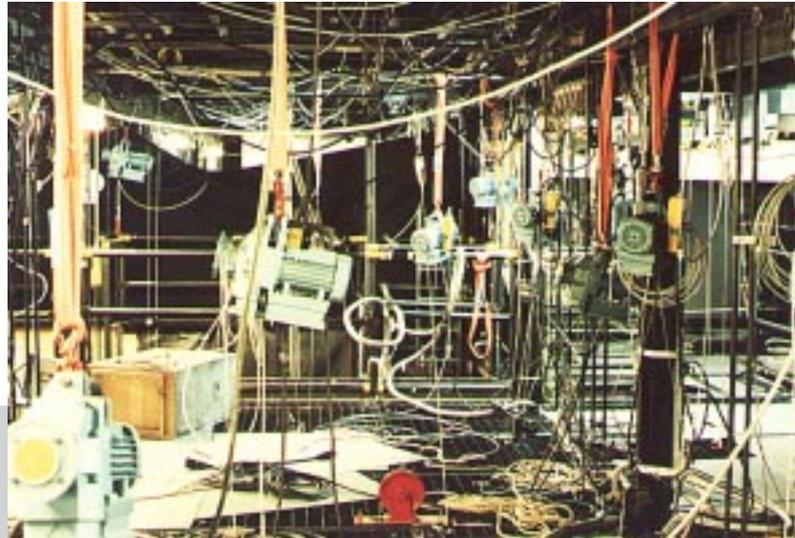
for that spectacular effect!



MINIFOR:
Compact, portable electric hoist, with unlimited height of lift.
Capacity: 100 or 300 kg
Speed: 10 or 5 m/mn.
Weight: 21 kg.

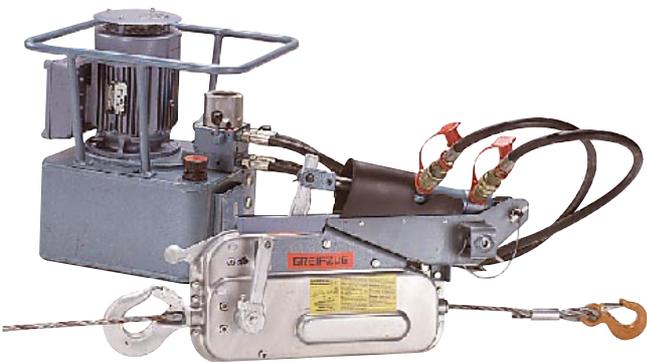
La Scala Opera House: 7 TIRAK T-1002M hoists, 6 with frames and 57 m wire ropes are mounted in a fixed position. The TIRAK hoists are used for lifting and lowering scenery and backcloths through 24 m. The TIRAK without a frame is used for general applications for pulling and lifting wherever required around the theatre. The two speed TIRAK hoists are operated individually by push button pendant control.

80 MINIFOR hoists are used for lifting and lowering scenery and stage equipment, Schaubühne Theatre, Berlin



*10 powered TIRAK hoists in the roof space, above the false ceiling, are used for lifting and lowering the sets of lighting bars.
RTL Auditorium, Luxembourg Radio and Television, Luxembourg*

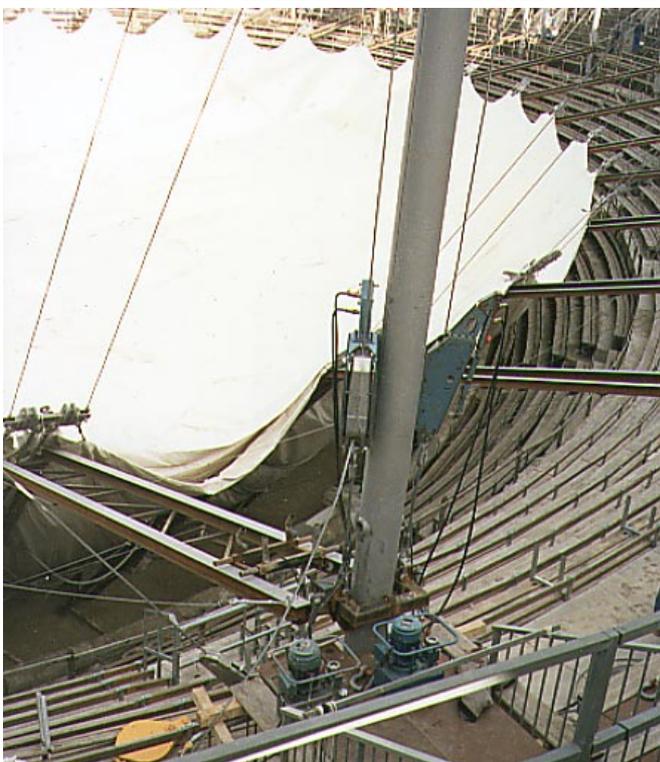
ROLIFT electric chain hoists in the inverted position, lift and lower the lighting bars



TIRFOR
lifting and pulling machines have numerous applications.

The powered version using a hydraulic power pack with electric or petrol engine, can be operated remotely, singly or together, up to 4 machines, TU-16H (1600 kg) or TU-32H (3200 kg).

Below: lifting an inflatable cover over the Nîmes amphitheatre, with 32 TIRFOR TU-32H hydraulic machines. Total load: 35 tonnes.



P1122E-02/91-4000

ROLIFT
 Electric hoists with either chain or polyester belt, easy to install and suitable for operating inverted. Capacity: 125 kg to 2000 kg.

TRALIFT / BRAVO
 Chain hoists and lever hoists. Capacity: 500 kg to 20 tonnes

BELTRAC
 Hoists with polyester belt. Cap.: 500 to 1500 kg

DYNAFOR
 Dynamometers and load indicators with digital display (LCD) giving a highly accurate and instant indication of the loads applied or of dynamic forces. Capacity: 200 kg to 200 tonnes.

ALTA-BEECHE
 Truss frame system of pyramid shaped sections allows almost any size of gantry or support to be created. This system can also be used to build suspended walkways.



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