

The World's Leading VNA truck manufacturer

Presents the STEINBOCK WM 13



WM 13

A compact VNA (Very Narrow Aisle) forklift, designed to work in confined storage areas with the added flexibility to work as a general lift truck in open spaces.

Note the excellent visibility for the operator.

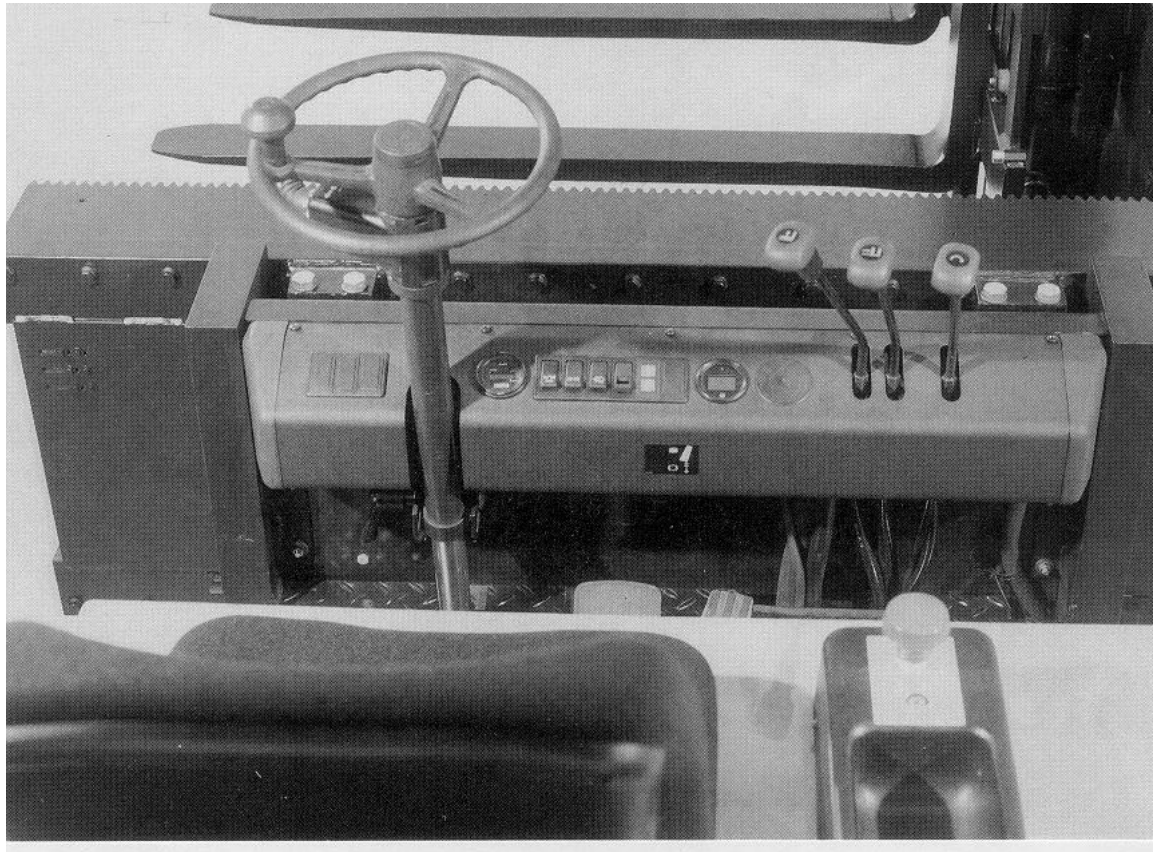
Driver Control Center



WM 13

- **Front facing drivers position offers the best possible view of forks and load.**
- **Compact 3-wheel design, and pivot mounted mast, enhance the operators control in negotiating narrow intersecting aisles.**
- **The higher sitting position and low dashboard provide excellent visibility of the surrounding area.**
- **Built in step provides easy access and entry.**
- **Tilt adjustable steering column and comfort seat make for ergonomic working conditions.**
- **Features include a fabric covered and weight adjustable seat, which is spring feathered and hydraulically damped.**

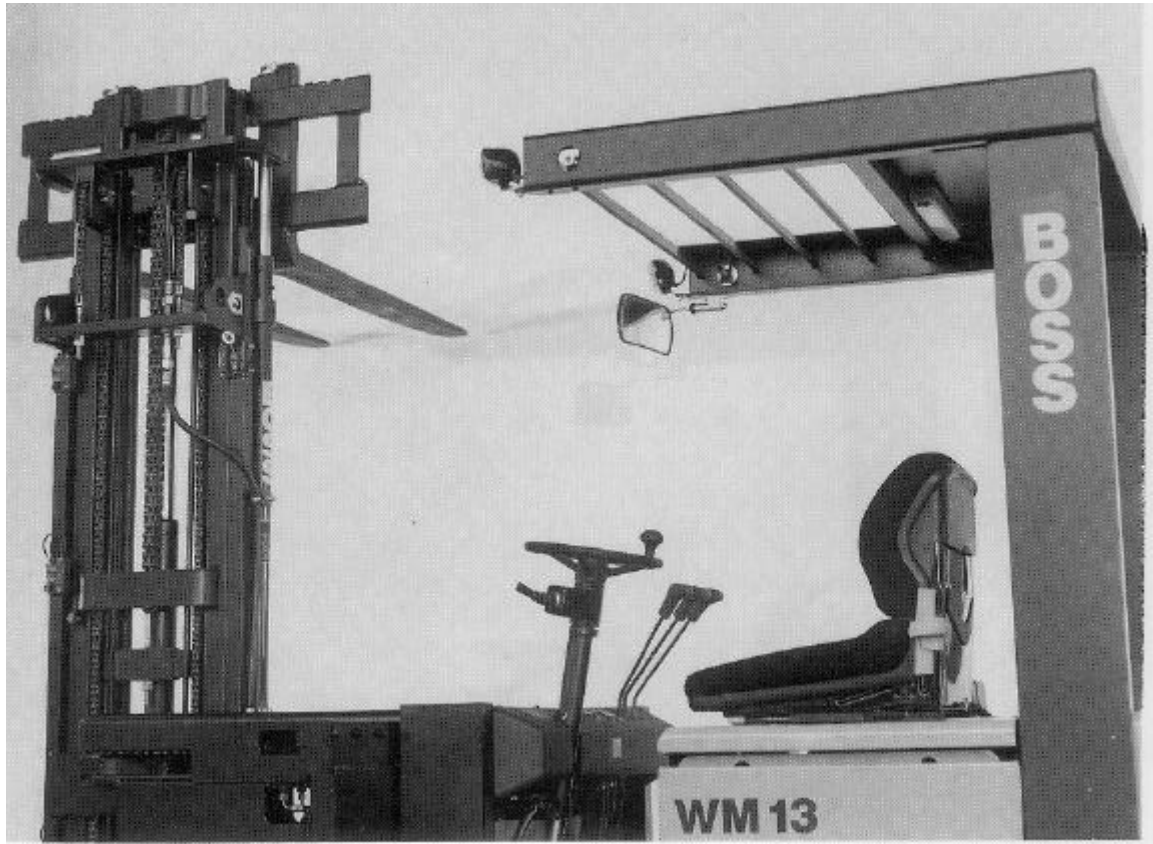
Driver Control Center



WM 13

- **The side positioned mast provides an exceptional un-obstructed front facing view of the forks and path.**
- **Automotive style pedal layout – maximizes proficiency and safe operation – such as instinctive reactions in emergencies.**
- **Gauges and controls are ergonomically designed for effortless monitoring and access.**
- **Practical paper tray integrated into the design of the control center.**
- **On demand hydrostatic power steering for true finger light control is standard on the vehicle.**

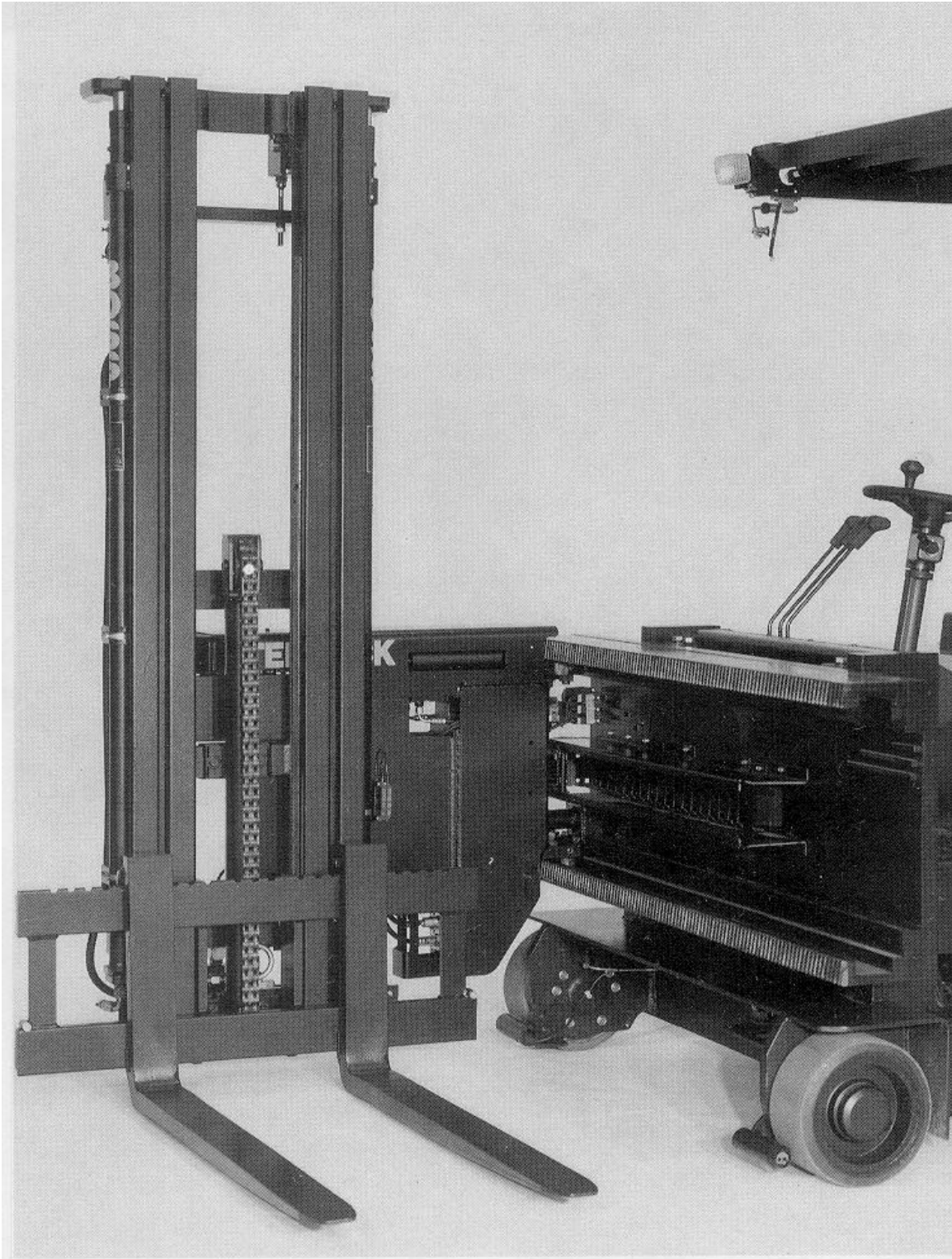
Driver Control Center



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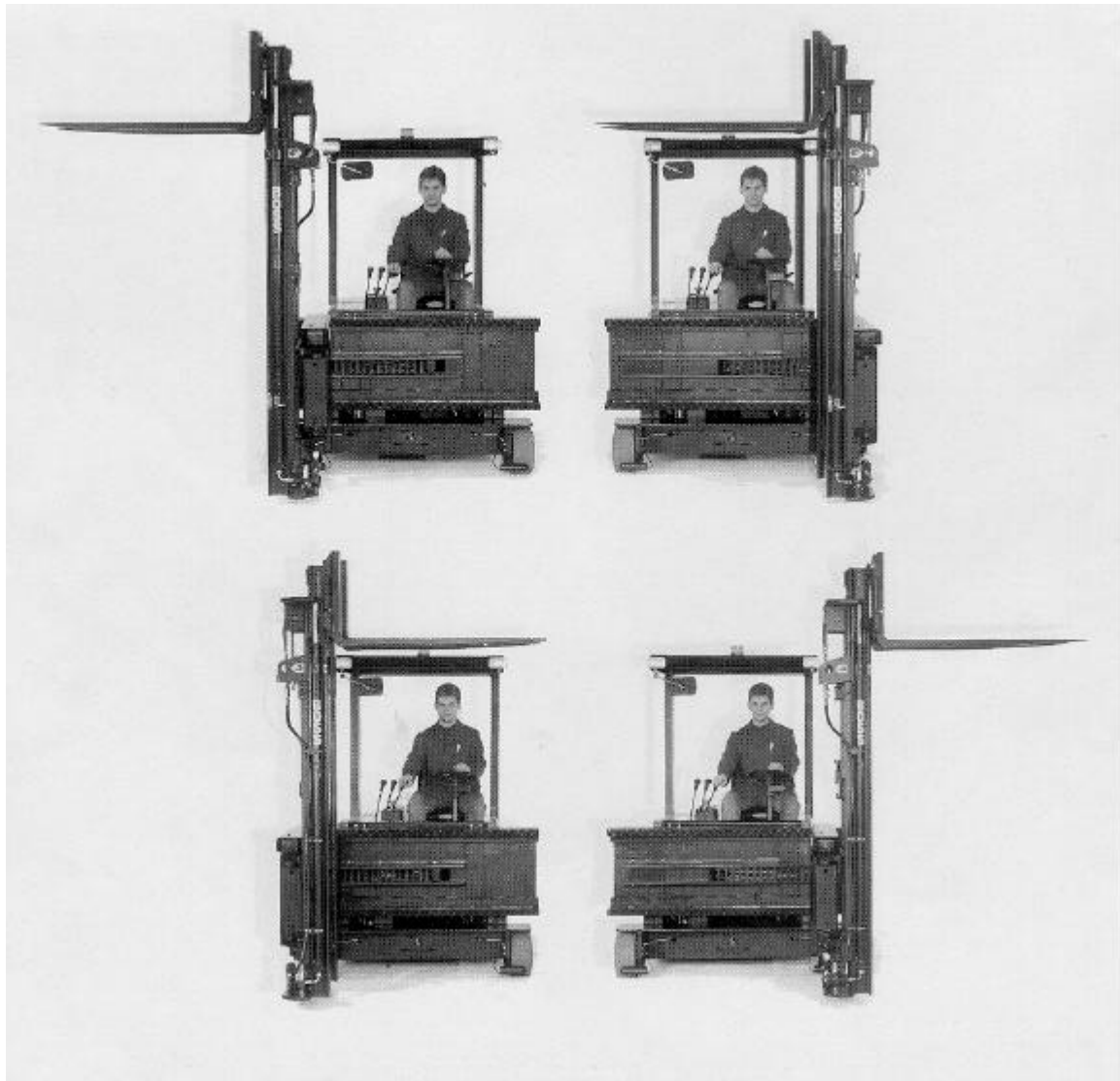
- **Diagonally positioned slats ensure the operators safety from falling objects while providing an enhanced upward view.**

Mast & Attachment



- **Pivoting mast rotates 180 degrees to service both sides of a narrow aisle as well as forward position to handle loads conventionally.**

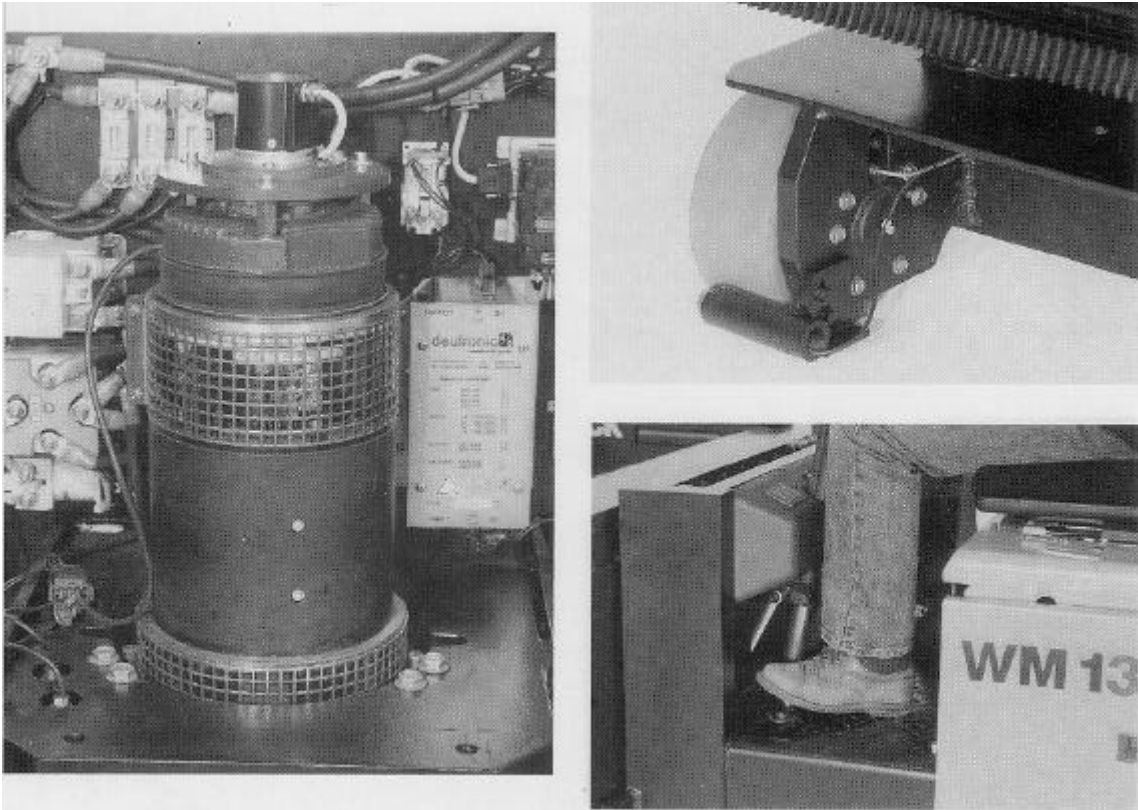
Mast & Attachment



WM 13

- Side shift movement incorporates vehicle control of the end dampening speed for smooth load insertion and retrieval.
- Diagonal gear rack operates quiet and smooth.

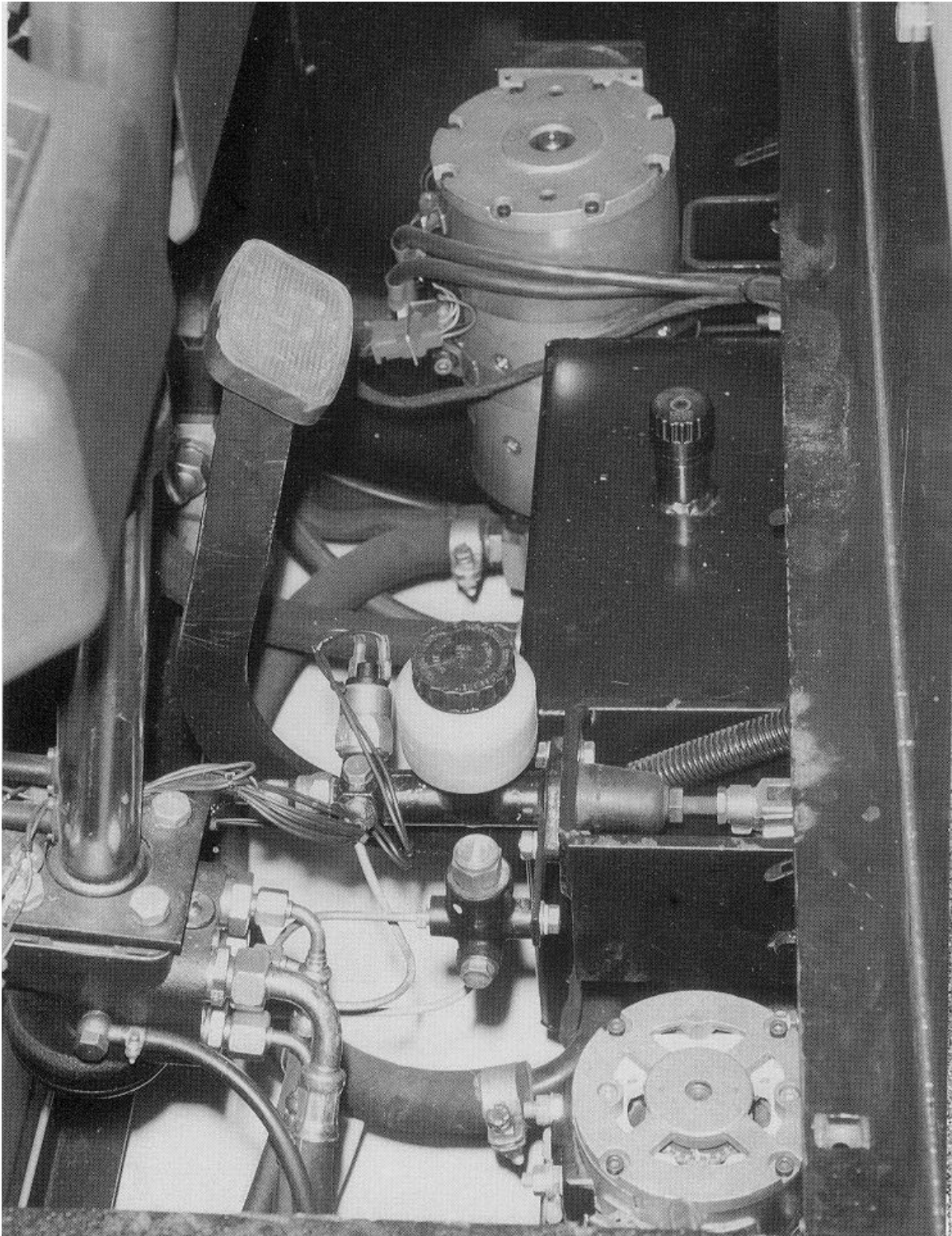
Brake System



WM 13

- **Redundant brake systems**
 1. Regenerative braking (energy saving motor generator system)
 2. Hydraulic load wheel brakes.
 3. Drive motor disc brake – released by left foot switch and engaged during sideshift operations to maintain horizontal truck positioning.
- **Optional application specific sensors are available as an integral unit of the vehicle – for end of aisle speed restrictions and in plant traffic management.**

Hydraulic



- **Extremely quiet hydraulic gear pump minimizes noise pollution.**

Electronic Systems

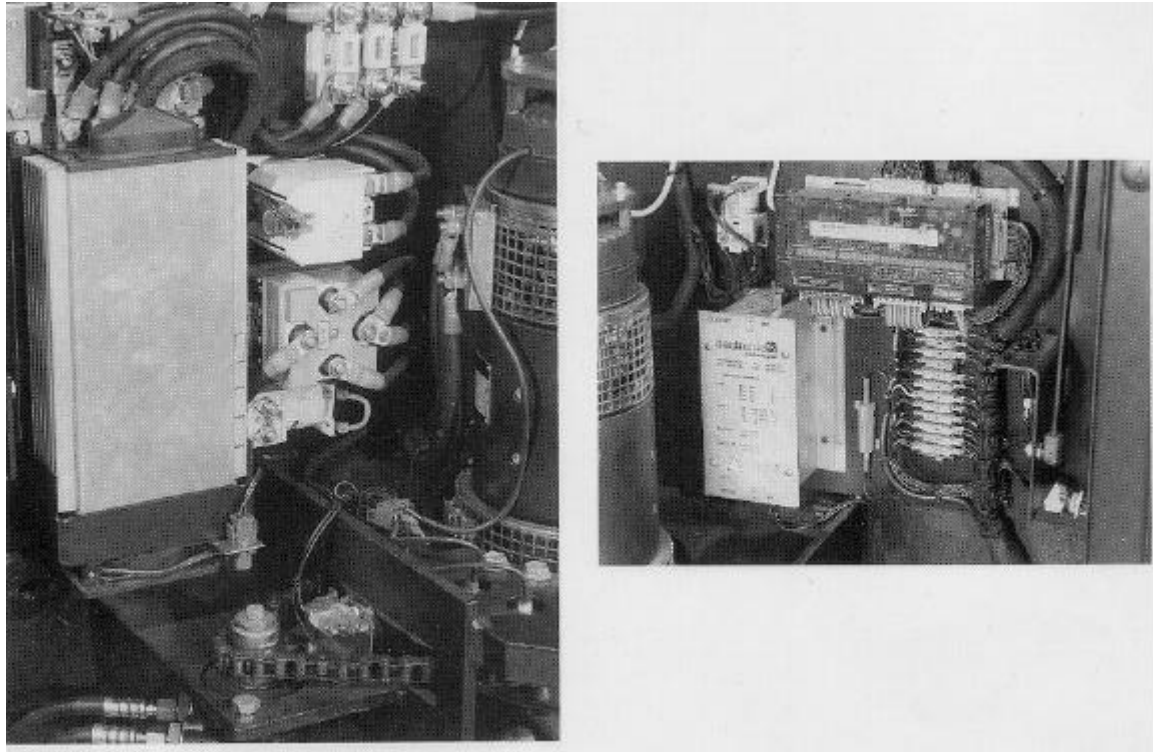


WM 13

- Vehicle available with 48 V 700 Ah Battery package for extended shift operation.
- Bosch LT 200 SCR control for lift and drive circuits.

For more information visit <http://www.steinbock.com>

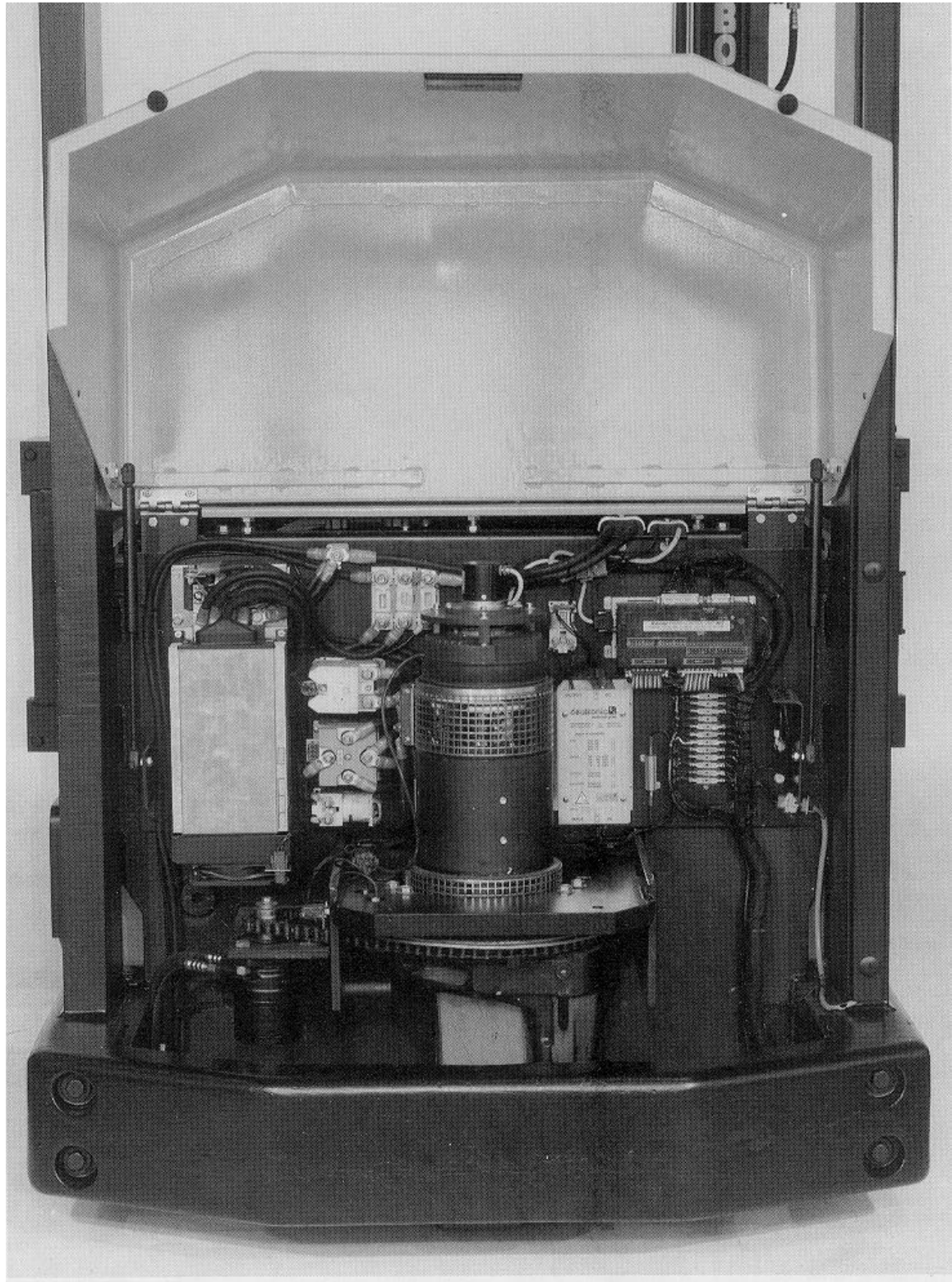
Electronic Systems



WM 13

- **SCR setup via terminal, defines ideal acceleration, deceleration, travel and hydraulic parameters.**
- **Integrated fault diagnostics with memory and LCD display.**
- **PLC controlled sensors and interlocks maintain operational status via LED display.**
- **Smooth hydraulic movements controlled by intelligent SCR system.**
- **Hydraulic handle potentiometer provides infinitely adjustable pump speed.**
- **Stationary drive motor reduces wire and cable wear.**
- **Encompassing diagnostic fault detection system ensures reliability.**

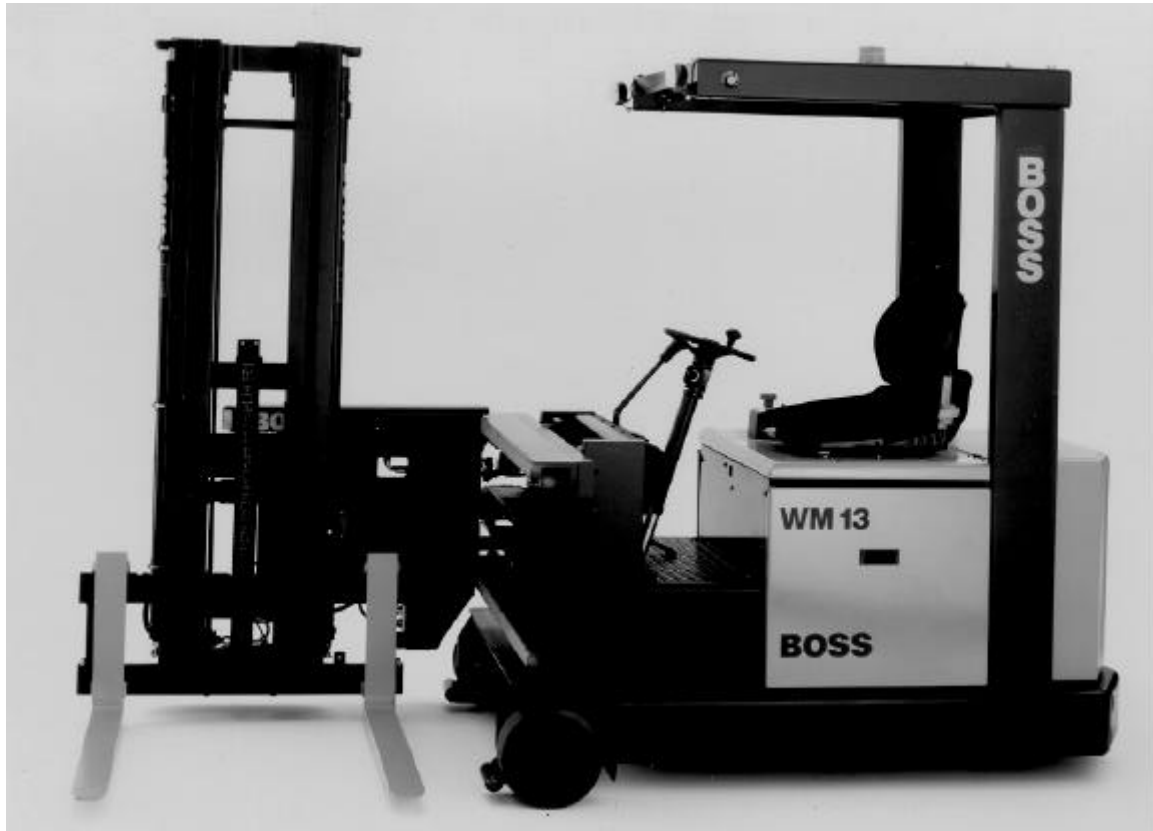
Maintenance



- **All components accessible for quick efficient maintenance.**

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Driver Control Center





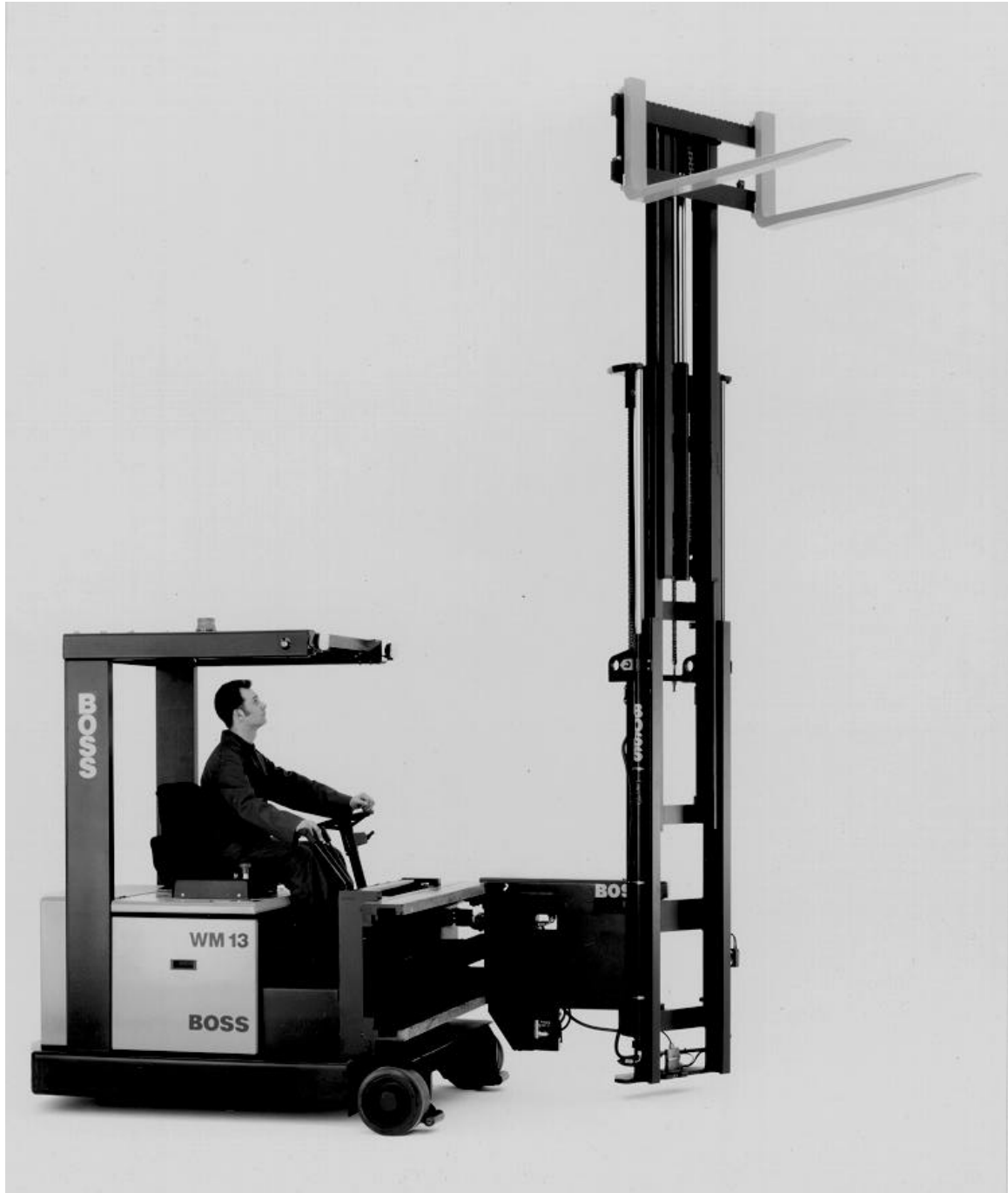
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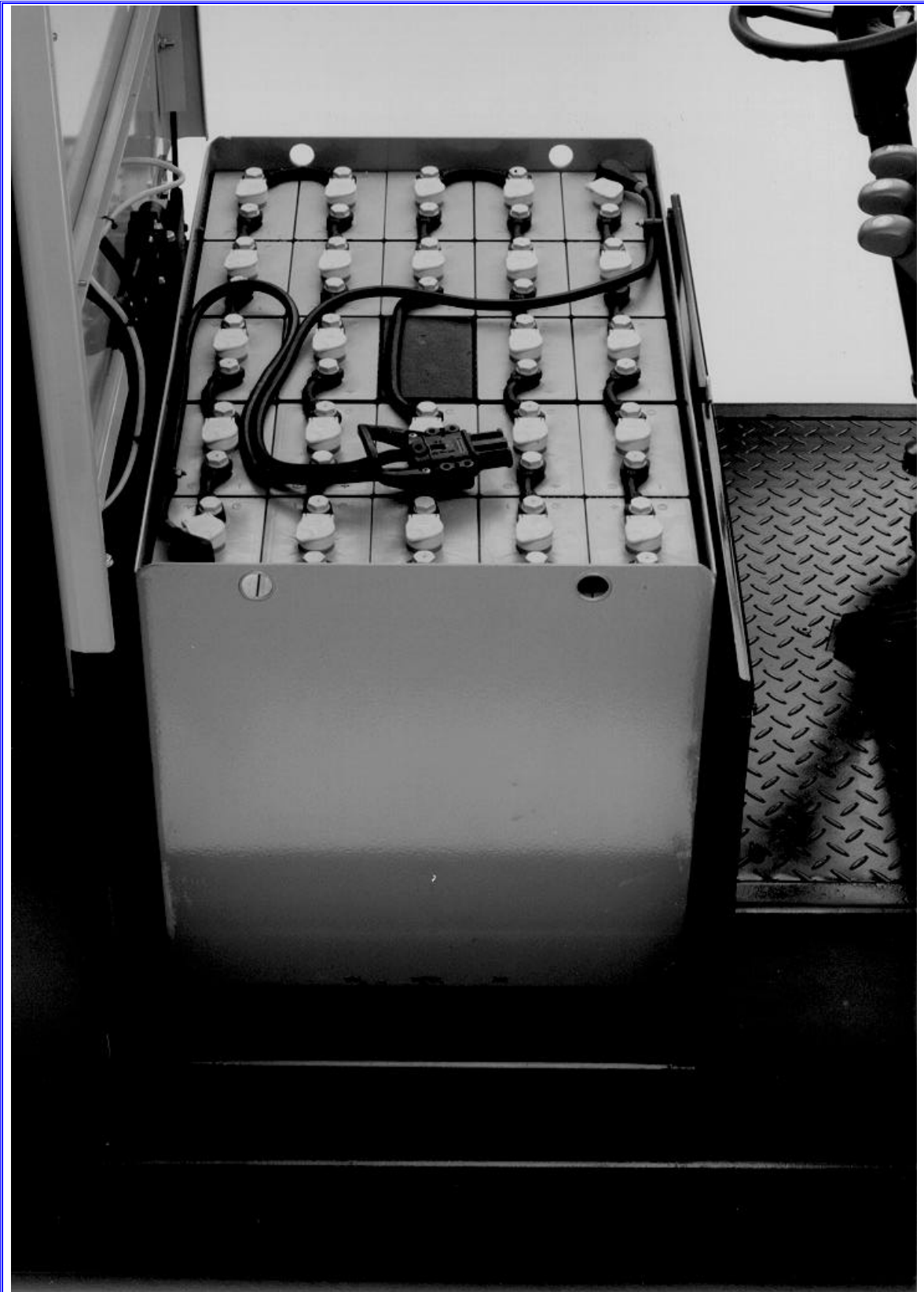
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