

WS & SX



ELECTRIC STACKER TRUCKS 24 VOLT



Max. capacity
1000/1200/1400/1600/2000 kg



CLARK ELECTRIC STACKER TRUCKS



WS10M

- **1,0t Capacity**
 - Max. 1950 mm lift height.
 - Optimum solution for light applications.
 - Light & Compact.
 - Easy operation.
 - Maintenance-free block batteries.
 - Integrated on-board charger.



WSX12 / WSX14

- **1,2t / 1,4t Capacity**
 - Max. 4800 mm lift height.
 - Precise and controlled fork lowering.
 - Adjusted max travel speed with raised load.
 - CLARK SpeedControl (CSC).
 - Standard side battery removal.



WS10

- **1,0t Capacity**
 - Max. 3300 mm lift height.
 - Optimum solution for light applications.
 - For workloads up to 1t to a height of 3300 mm.
 - Maintenance-free block batteries.
 - Integrated on-board charger



SX12 / SX16

- **1,2t / 1,6t Capacity**
 - Max. 5210 mm lift height.
 - Motor-driven proportional hydraulic system.
 - Optional Initial lift.
 - Mast cushioning system.
 - Heavy-duty construction.
 - Up to 375Ah battery capacity.



WSXD20

- **2,0t Capacity**
 - Max. 3900 mm lift height.
 - Multi-purpose truck.
 - Double-deck stacker and pallet truck
 - Simultaneous lifting of of euro pallets (2x 1,0t).
 - CLARK SpeedControl (CSC).
 - Standard side battery removal.



SX12 / SX16 – Platform Version

- **1,2t / 1,6t Capacity**
 - Max. 5210 mm lift height.
 - Designed for long-stretch load transportation.
 - Anti-slip platform surface.
 - Effective platform suspension.
 - Platform stand-by function.



100%

Precise and Ergonomic Operation

All functions for lifting and lowering are integrated in an ergonomic tiller head. This enables precise, accurate and safe material handling. In addition a 4-point-wheel-configuration on all CLARK stacker trucks ensures the **best residual capacity and stability** even with maximum lift heights.

SX uprights have **outstanding visibility**. With an optimal wide rail configuration, CLARK provides the best possible fork visibility. With widths of 480 mm on the Standard upright and 390 mm on the Triplex, this allows for precise handling and increases **safety** during the transportation of goods.



Manoeuvrability + Compact Dimensions =
High Productivity & Availability



• 500 mm

- **Increased safety**
Automatic travel speed adjustment
when lift height is above 500 mm.

*WS10M, WS10, WSXD20, WSX12/14

WS & SX STANDARD FEATURES & BENEFITS

TILLER HANDLE

- **Comfortable and Safe**
 - Quick and easy operation.
 - Automatic return to neutral position when the tiller arm is released.
 - Ergonomic tiller switches.
 - Control of all operation commands left- and right-handed.
- **Automatic Parking Brake**
 - Safe operation on gradients and ramps.
 - Automatic parking brake with drive switch activation.



CLARK SpeedControl (CSC)

- Normal drive position (N) enables maximum speed
- In SpeedControl position (S) the maximum speed is reduced

*WSX12/14, WSXD20

CLARK SpeedControl (CSC)

- **Safe and Controlled Manoeuvring.**
 - Standard safety function for WSX 12/14 and WSXD20.
 - Optimum solution for operation in narrow spaces.
 - Tiller positioned automatic speed adjustment.
 - Normal drive position (N) enables maximum speed.
 - In SpeedControl position (S) the maximum speed is reduced.

WSXD20 LIFTABLE SUPPORT ARMS

- Pedestrian pallet truck and stacker features combined into a single truck.
- Enables double-deck operations.
- Automatic lift stop at 1600 mm can be activated.



HANDLE OPERATION IN VERTICAL POSITION

- Optional underside tiller handle button.
- For precise and sensitive operation in tight spaces.
- Excellent for lorry use.



* SX12/16

Press 1x = slow forward movement
Press 2x = slow backward movement

PIN CODE ACTIVATION

- Truck activation using a 4-digit PIN code.
- Protection against unauthorized usage.
- Possible automatic shutdown.
- Individual truck characteristic behavior for each PIN code.



* SX12/16



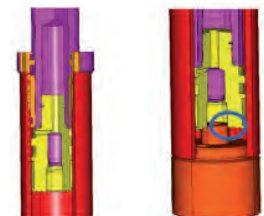
SX12 & SX16 INITIAL LIFT

- **For Uneven Floors and Gradients**
 - Increased ground clearance under the support arms and battery compartment.
 - More ground clearance even with nominal load.
 - Best solution for ramp and gradient applications.
- **Double-Deck Operations**
 - Simultaneous transport of two loads.
- **Precise and Safe Handling**
 - Automatic "Initial lift" lowering.
 - Provides stability when two pallets are lifted at the same time.

UPRIGHT CUSHIONING SYSTEM

- **Silent Mast Rail Staging**
 - Lifting and lowering optimized through an integrated hydraulic cushioning system.
 - Smooth transition between rail sections
 - Smooth lowering.
 - Increased component lifespan.

SX lift cylinder with cushioning system



WS(X) STANDARD FEATURES & BENEFITS



WS10 & WS10M

- **Light Operation**
 - Optimum solution for light applications with loads up to 1,0t.
 - Efficient 2,2kW hydraulic motor.
 - Designed for short traveling distances.
 - Intuitive control and precise handling.
 - Perfect solution for inventories and light order picking.



WSX12 & WSX14

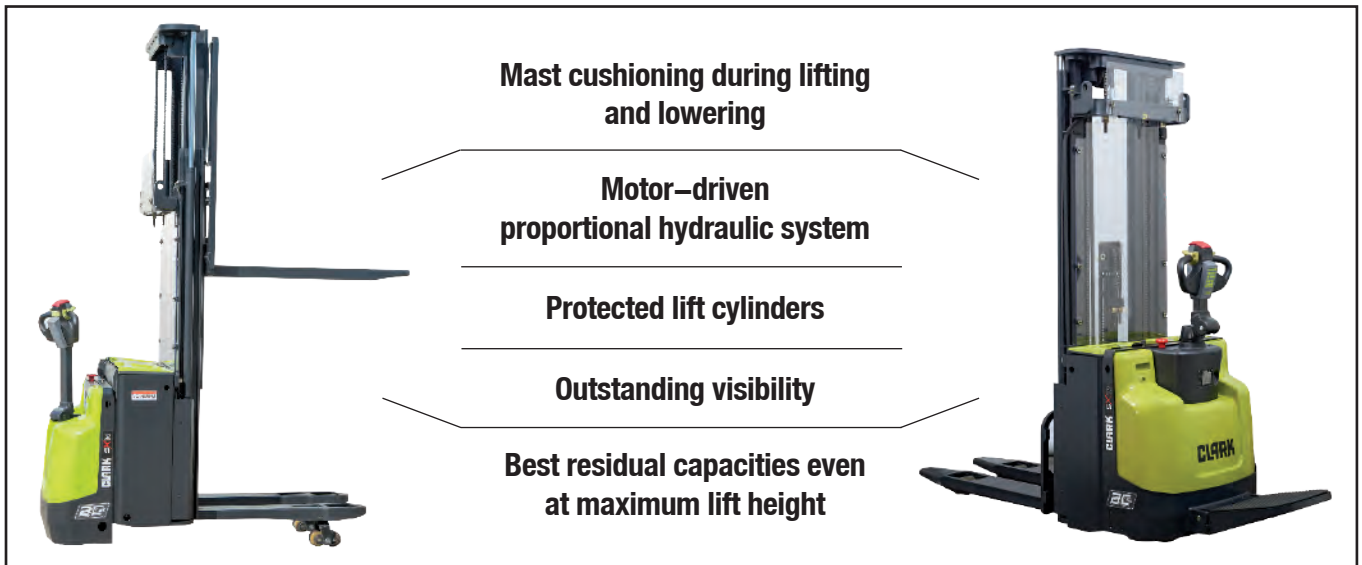
- **Made for Industrial Applications**
 - For storage and handling in racks up to 4800 mm.
 - Low-maintenance AC traction motor.
 - Compact dimensions.
 - Steel fabricated battery box cover.
 - Battery compartment for 195Ah or 225Ah batteries.
 - CLARK SpeedControl (CSC) and automatic speed adjustment with a raised load.
 - Two different lowering speeds for enhanced productivity.



WSXD20

- **Combined Electric Pallet Truck and Pallet Stacker**
 - Maximum flexibility.
 - For storage and handling in racks up to 3600 mm.
 - Automatic lift stop can be activated at 1600 mm.
 - Steel fabricated battery box cover.
 - Battery compartment for 195Ah or 225Ah batteries.
 - CLARK SpeedControl (CSC) and automatic speed adjustment with a raised load.
- **Maximum Flexibility**
 - 2,0t capacity as a pallet truck.
 - 1,2t capacity with forks raised up to 1600 mm.
 - 1,0t capacity with forks raised up to 3000 mm.
 - 2x 1,0t as a double-deck stacker.

SX12/SX16 STANDARD FEATURES & BENEFITS



USER FRIENDLY AND ROBUST

- **For the Most Demanding Applications**
 - Robust and durable.
 - Best residual capacities thanks to a 4-point-wheel-configuration.
 - Up to 375Ah battery capacity.
- **Easy Handling**
 - The tiller arm is fitted in a central position which allows symmetrical operation.
 - Lifting and lowering fully proportional and precise.
 - Crawl speed switch on tiller (optional).
- **Best Possible Upright Visibility**
 - 480 mm view with Standard uprights.
 - 390 mm view with Triplex uprights.

REDUCED OPERATOR FATIGUE

- **Operator Platform**
 - Best solution for long-stretch load transportation.
 - Improved all-round visibility.
 - Increased safety and comfort.
 - Stable construction.
 - Anti-slip platform surface.
 - Low platform height of 160 mm allows easy operator mounting and dismounting.
 - Platform step off, the truck switches to automatic stand-by-mode.





100 YEARS OF MATERIAL HANDLING INNOVATION

A Centennial is an important milestone which not only celebrates longevity, but testifies to the strength of the CLARK brand across generations. This is reflected in the more than one million forklifts manufactured by CLARK Material Handling Company over the past 100 years. Even more powerful than the number of trucks built is the company's legacy of innovation. It began in 1917 when employees of CLARK Equipment Company constructed a simple three-wheeled shop buggy to haul sand and castings between buildings at their Buchanan, Michigan plant. The "Trutractor", as the shop buggy was named, became the first internal combustion material handling truck and



was a great success. The industrial truck was born and in the process CLARK developed the first forklift with hydraulic lifting. Through the years, many extraordinary inventions followed, among them the nested I-beam upright, overhead guard and operator restraint system. The founding principles of Eugene B. Clark are still true: "Always strive to build the best – "good enough" should not be the goal." The company always has its eye on the future and continues to build on technologies and trends to drive materials handling technology worldwide.

One Purpose, One Brand,
One Legacy, One Century.



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