

TCM

PALLET STACKERS



REDEFINING THE
CONCEPT OF EFFICIENCY

TCM



Especially developed to provide our customers with the most reliable and efficient technology in daily operation, TCM warehouse trucks have been designed to meet the most challenging requirements even in the most demanding environments.



RELIABLE

Proven technology paired with practical features: TCM stands for a unique mixture of customer-oriented solutions you can count on.



DURABLE

Harsh conditions can be a challenge. For TCM trucks, it's their natural habitat. 24 hours a day, 7 days a week.



ECONOMICAL

Balancing economy and environmentally friendly performance in TCM trucks has always been a top priority, facilitating a profitable and energy-efficient deployment of our high-end material handling solutions.



SPL/SPD Compact stacking for medium heights

TCM's SPL and SPD compact pedestrian stackers are highly versatile, providing low cost solutions for medium height stacking applications, short, medium and long distance travel, unloading and occasional order picking. SPL for single pallets and SPD for double pallet handling. The modern design of these models includes specially rounded edges to safeguard personnel, prevent damage to products and allow for easy cleaning. Robust construction includes metal sides to help absorb knocks, while a modular format enables components to be shared across the range for economic and rapid availability.

FLEXIBLE AND SAFE

With its patented four-point system, flexible connections between the offset drive motor and chassis and an additional supporting wheel aid stability and enhance traction – especially on uneven surfaces.

SMOOTH

AC technology means smooth operation and high truck availability, with long running times, long intervals between service and no brushes to wear out.



1 | CONTROLLABLE

Tiller-type steering with all functions falling easily to hand put the operator firmly in control. Truck and mast functions, keypad for individual settings and “bounce-back” truck-stop safety feature in one compact unit.

Truck widths and lengths are small for ease of use in restricted areas, while the four-wheel design makes for excellent stability and high residual capacities. The tiller arm is offset, enabling the operator to walk safely next to the truck with the tiller in his right hand, with all controls for lifting and lowering close to hand in the tiller head. Intelligent electronics add to truck control and diagnostics, while the low chassis allows the operator the best view of the forks at all times.

2 | RELIABLE

AC-powered for maximum reliability and performance, the SP is designed to offer easy access to components for low maintenance and greatest up-time.



CONTROLLABLE

The tiller arm is offset, enabling the operator to walk safely next to the truck with the tiller in his right hand, and with all controls for lifting and lowering close to hand in the tiller head. The low chassis allows the operator the best view of the forks at all times.

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3 | COMPACT

The SP is an extremely stable pedestrian pallet stacker with high load capacity. Small dimensions and high levels of manoeuvrability make it the ideal choice for operating in restricted spaces.



VERSATILE

Mast heights to 4190 mm, with choice of telescopic or duplex with free lift, plus standard fork lengths of 1000 mm or 1200 mm.

An ideal choice for applications requiring medium height pallet stacking (to 4,2 meters), occasional order picking and short, medium and long distance travel. Just 800 mm wide and 1898 mm long with forklift length of 1200 mm, the TCM SP pedestrian pallet stacker is stable to lift heavy loads but highly manoeuvrable to work in confined spaces. Its modern design includes specially rounded edges to prevent damage to personnel and products and allows for easy cleaning. Robust construction includes metal sides to help absorb knocks, while a modular format enables components to be shared across the range for economy and rapid availability.

The four-wheel design of the SP makes for excellent stability and high residual capacities. Intelligent electronics add to truck control and diagnostics, while the low chassis allows the operator the best view of the forks at all times.



SPH Heavyweight champion

MORE CONTROLLABLE

The ergonomic tiller arm, with all controls close at hand, makes the SPH easy to handle, while AC power adds to control, performance and reliability.

MORE POWERFUL

Lift capacity up to 2.0 tonnes is matched by rapid lift speeds for maximum truck and operator productivity, all controllable according to experience and the load to be transported.

SAFER

Because the tiller arm is placed on the right hand side of the chassis, a safe distance is created between the operator's feet and the truck. It also provides better control and an improved view over the load when walking in front. Drive speed is reduced automatically at high lift heights to ensure safer handling especially of potentially unstable loads.



4 | DOUBLE PRODUCTIVITY

The optional straddle lift allows the truck to transport two pallets simultaneously – one on the straddles and one on the forks. As a result operation is made more efficient and utilisation increased.

TCM's heavyweight pedestrian pallet stacker, with an impressive lift capacity up to 2.0 tonnes. Wide range of handling applications including loading and unloading, internal pallet transfer, stacking and occasional order picking. Robust and powerful, the TCM's SPH is still highly manoeuvrable. Just 895 mm wide, its remarkably small turning radius makes it an ideal choice for locations where loads can be heavy and space can still be restricted.

The specially rounded edges prevent damage to personnel and products, while the low chassis design allows the operator the best view of the forks at all times. Its four-wheel design makes for excellent stability and high residual capacities. Solid construction includes metal sides to help absorb knocks, while a modular format enables components to be shared across the range for economy and rapid availability. The SPH's intelligent electronics add to truck control and diagnostics. The battery is on rollers for fast changeover.



Comfortable stacking SRS / SRD

The pedestrian stacker SRS is an extremely versatile member of the stacker range. The truck is ideal for medium height stacking applications (5.4 metres) in narrow spaces, short, medium and long distance travel, and for occasional order picking, and when equipped with straddle lift, double pallet handling.

The SRD fits ideally to the needs of cross docking, facilitating a broad range of applications and short, medium and long internal transports. The excellent control of drive and lift systems and intuitive handling puts the operator firmly in control.

Both trucks (SRS/SRD) are featured with the foldable platform with low step up height. The platform is cast in order to withstand deformations from collisions and has excellent dampers for suspension. Excellent stability, high drive and lift/lowering speed, foldable side protection bars, all adds to the efficiency. Easy service access, extended service interval reduces down-time to the minimum.

5 | CONTROL

The ergonomic tiller-type steering arm, with all controls close at hand, makes the SRS/SRD easy to handle and puts the operator firmly in control. The keypad for individual truck drive settings and “bounce-back” truck-top safety features are all housed in one compact unit.

5



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6 | SAFE AND EFFICIENT

The operator platform and side protection bars on ride-on versions unfold quickly and easily for full speed. There are also optional fixed platforms for improved safety for the driver and increased efficiency.

PROTECTION

An optional overhead guard protects the operator, while products are protected by an optional load guard and specially shaped fork tips to allow easy pallet entry. Straddle legs afford greater stability and allow double pallet handling.

SRO TCM's unique stand-in stacker

TCM's stand-in rider-stacker is the ideal all round truck for loading and unloading from ground level, internal transfer, stacking and order picking combined with stacking.

With the fastest travel, lift and lowering speed, excellent stability and highly compact, TCM stand-in stackers are extremely space efficient and able to work in very small stacking aisles as the operator is housed within the truck. They also provide the operator with better performance and a safer working environment. Large battery capacity enables these powerful vehicles to work easily through a shift, with ergonomically designed controls for maximum operator comfort and specially shaped narrow forks for precise and rapid pallet entry.

7 | SAFE AND SURE

The operator works in a secure, protected environment, with body and arm support, instrument panel and midi-type steering wheel all adjustable for maximum individual comfort. Controls are located close together for fast, single handed operation.

7



FAST AND LESS FATIGUE

High lift speeds and lift heights up to 6.75 metres (senior model) are matched by stable operation as standard and options such as side stabilisers, side castor wheels and straddle lifts for even greater load security. The low step permits frequent on-off movements to be made with the least operator fatigue.

SRT/SST Reach out



The SRO and SSO have the possibility for the addition of the telescopic forks, therefore becoming the SRT and SST. These trucks allow doubledeep handling to reduce aisle widths even further, or even loading and unloading transport from just one side. In some applications, this function can replace a small reach truck.

Highly comfortable sit-on stacker SSO

FASTER TRAVEL

Fast travel speeds and high battery capacity meet the demand for a productive stacker to operate throughout long work cycles.

STABILITY GUARANTEED

Contact with the ground is constantly on four points for optimum stability. Side stabilisers offer even greater load security at high lift heights.

TOTAL VERSATILITY

Modular design for a stacker tailored precisely to the requirements of the application. Clear view telescopic and double telescopic masts, telescopic forks and special profile fork tips for ease of operation.



8 | COMFORT AND CONTROL

Instrument panel and midi-type steering wheel are adjustable for maximum individual comfort and minimum fatigue, with controls located close together for fast, single handed operation. Keypad operation prevents unauthorised access, with settings programmable according to operator experience or the task in hand.

A range of sit-on rider-stacker trucks ideal for longer distance travel, loading and unloading from ground level, internal transfer and stacking up to 6.75 metres (senior model). These models are fast, stable and highly compact. As the operator is housed within the truck, they are also extremely space efficient and able to work in extremely limited stacking aisles.

Large battery capacity enables these powerful vehicles to work easily through a shift, with ergonomically designed controls for maximum operator comfort and specially shaped narrow forks for precise and rapid pallet entry. The AC motor offers powerful acceleration with almost 100 per cent top speed capability when travelling fully laden. Operation is silent, with regenerative braking adding to the truck's uptime.

Our pallet stackers family



SP



SPH



SRS

SRD

SSO

SRT / SST

Model		SRO	SSO	SP	SPH	SPL	SRS	SRD	SPD	SSD	SRT/SST
Lift capacity	kg	2000	2000	1250	1600/2000	1250	1250/1600	2000	1250	1600	1000
Max lift height	mm	6750	6750	4190	5400	2090	4190/5400	2090	2090	1500	5700/6300
Truck width	mm	940	1010	800	895	660	770	770	660	1010	940/1010

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