

SPS 1.25 & 1.6 tonnes

Ride-on Pedestrian Stackers

TCM
Trusted Partner


SAFETY


EFFICIENCY


COMFORT



TCM
Always Evolving

Ride-on Pedestrian Stackers

SRS 1.25 & 1.6 tonnes

The SRS narrow, compact and heavy-duty platform stackers, with fixed platform or foldable ride-on platform, are designed for the way businesses are evolving.

With lift height choices up to 4200 mm with 2 stage mast, and up to 5400 mm with 3 stage mast, the SRS is ideal for fast-paced flexible use in high-level stacking and order picking. The robust 4-points design ensures stability increases with each increasing load, ideal for fast-paced internal transport supply/feed applications.

SRS WITH RIDE-ON FOLDABLE PLATFORM

MECHANICAL STEERING AS STANDARD*

Flexible control – choose platform up for reduced speeds up to 6 km/h and increased manoeuvrability for pedestrian operation. Add side bar option for increased speed up to 8.5 km/h and safety on longer travel runs.

*Other configurations are available

SRS FIXED PLATFORM, SIDE ENTRY

POWER+ STEERING WITH PIVOT ACTION AS STANDARD

Faster speeds up to 8.5 km/h and longer distances – choose driver protected side entry with low step platform and foot protection, ideal for efficient, low-level order picking.

SRS FIXED PLATFORM, REAR ENTRY

POWER STEERING AS STANDARD*

Faster speeds up to 8.5 km/h and longer distances – choose driver protected back entry with foot protection.

*Other configurations are available

EFFICIENCY



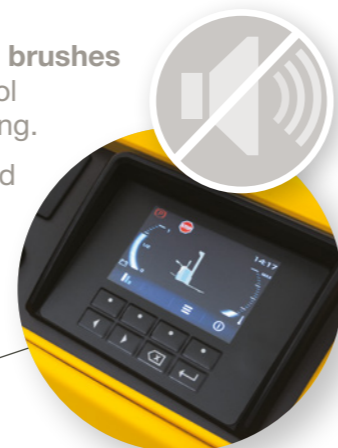
- **Hinged and removable machine house cover** - for excellent access to the motor compartment even in narrow spaces. Authorised service technicians able to stand in the truck with a fully open cover for troubleshooting and maintenance work.
- **Easy access for maintenance, sealed connectors and sensors** - long service intervals reduce maintenance and improve uptime.
- **Common components strategy** - for easy access to parts and fast servicing.
- **Lead-acid battery option** - easy charging to suit all applications.
- **Easy access lead-acid battery compartment and well positioned plug placement** - encouraging regular check ups, without loose cables interrupting changeovers. Also available with steel battery rollers for smooth and quick battery removal.

MAINTENANCE-FREE FULLY INTEGRATED Li-ION TECHNOLOGY

- **Li-ION battery option** - delivers a highly efficient and heavy duty performance, with a staggering 25% extra battery time ideal for intense 24/7 operations with easy charging options to suit all applications and common changing equipment across the TCM range.

REDEFINING AGILITY, PERFORMANCE & EFFICIENCY

- **Small turning circle** - ideal for tight spaces.
- **Energy-efficient AC drive motor with more torque, no carbon brushes and regenerative braking** - highly responsive and easy to control reducing operator errors and damages, with less need for servicing.
- **Combi-controller lift system** - smooth and effortlessly controlled lifting and lowering, for even greater operational efficiency.
- **Quiet running** with speed regulated and powerful lift motor pump and excellent lift hydraulics.
- **Onboard computer** - with efficient and clear display of essentials, battery levels and hour meter.



Choice of Li-ION or traditional Lead-acid BS and DIN battery cells.

Li-ION



Lithium-ion batteries can offer real advantages over lead-acid batteries, particularly in high energy, multi-shift, and 24/7 applications. When it comes to Total Cost of Ownership (TCO), TCM can advise you on the most cost-effective energy solution you will need to meet all your operational requirements.

OPTIONS INCLUDE:

- Increased drive speed 8,5 km/h (SRS fixed platform models only)
- Increased drive speed 8,5 km/h + Foldable side bars (SRS foldable platform model)
- Steel battery rollers (lead-acid battery)
- Battery quick lock/unlock (with steel battery rollers)
- Multi-function display with Pin code access, POWER, ECO and EASY driver settings
- Key switch entry

Ride-on Pedestrian Stackers

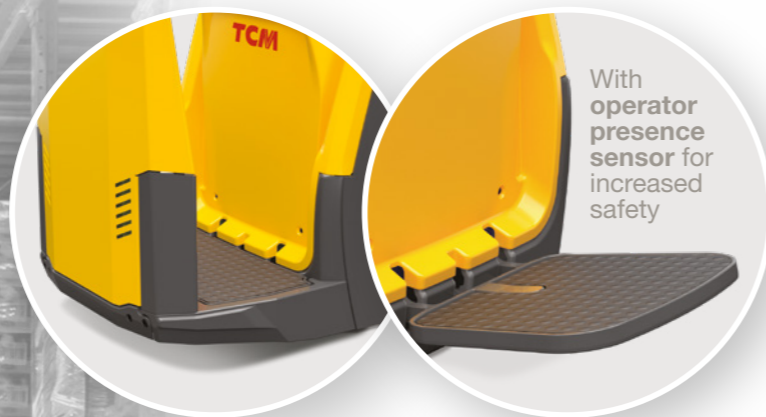
SRS 1.25 & 1.6 tonnes

INTEGRAL COMFORT AT EVERY TOUCHPOINT

From low step entry points and easy-to-reach controls, improving comfort reduces operator stress and fatigue, improving productivity.



- **Low entry step height and excellent floor vibration damping** (SRS fixed platform, side and rear entry) - reducing operator stress and fatigue.
- **Integrated angled rear bumper** - to prevent foot trapping injury.
- **Both foldable and fixed platforms are iron-cast with a cushioned rubber floor mat and are mechanically damped** - for high levels of driver comfort for all operator weights.



With operator presence sensor for increased safety

OPTIONS INCLUDE:

- Tiller-up drive (2.5 km/h reduced speed)
- Tortoise mode (4.5 km/h reduced speed)
- Writing desk
- Cold store protection (-30°C) (Lead-acid battery)
- RAM system (size C or D) equipment holder
- Equipment bar (Accessory Rack)
- Power socket 5V USB & 12V DC
- Electrically-adjusted damping of fixed platform models to suit all operators (includes drive speed of 8.5 km/h)



CONSISTENT AND PRECISION CONTROL

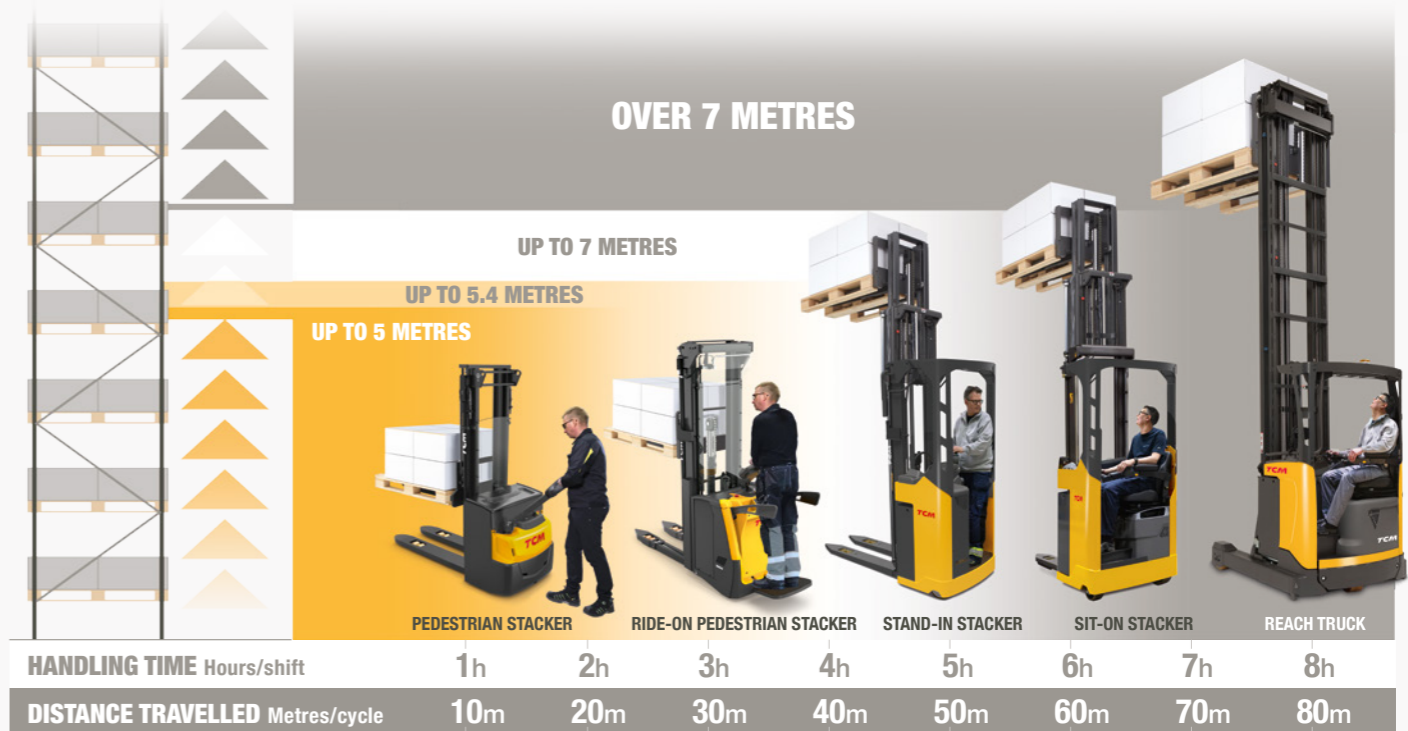
- **Ergonomically-shaped tiller head** with patented lift/lower rocker buttons, easy-reach controls and a broad window of speed control - for greater comfort and less fatigue. Designed with weather-protected casing to withstand all weathers and the impact of falling goods.
- **Common tiller head design component** - for operator familiarity and confidence across all TCM tiller head power pallets and stackers.
- **Robust 4-point ground-contact chassis** - with bogie load wheels in each straddle leg and at the rear, a uniquely positioned drive wheel together with fourth castor wheel - for maximum stability and a consistently stable driving experience at all lift heights, ensuring excellent operator confidence on all floor types and surfaces.
- **Excellent storage spaces** - for operator tools and must-have work and personal items.



MODEL USAGE GUIDE

Selecting the correct stacker to suit your application can greatly reduce your total cost of ownership.

Recommendations based on lift height, continuous handling times and distance travelled per cycle. Ergonomics and performance are considered.



All figures are approximate and may vary - for illustration purposes only



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UNRIVALLED SAFETY AND OPERATOR CONFIDENCE

TCM SRS ride-on pedestrian stacker is designed for safe and space-efficient operation in narrow aisles and tight spaces, increasing operator confidence and productivity.

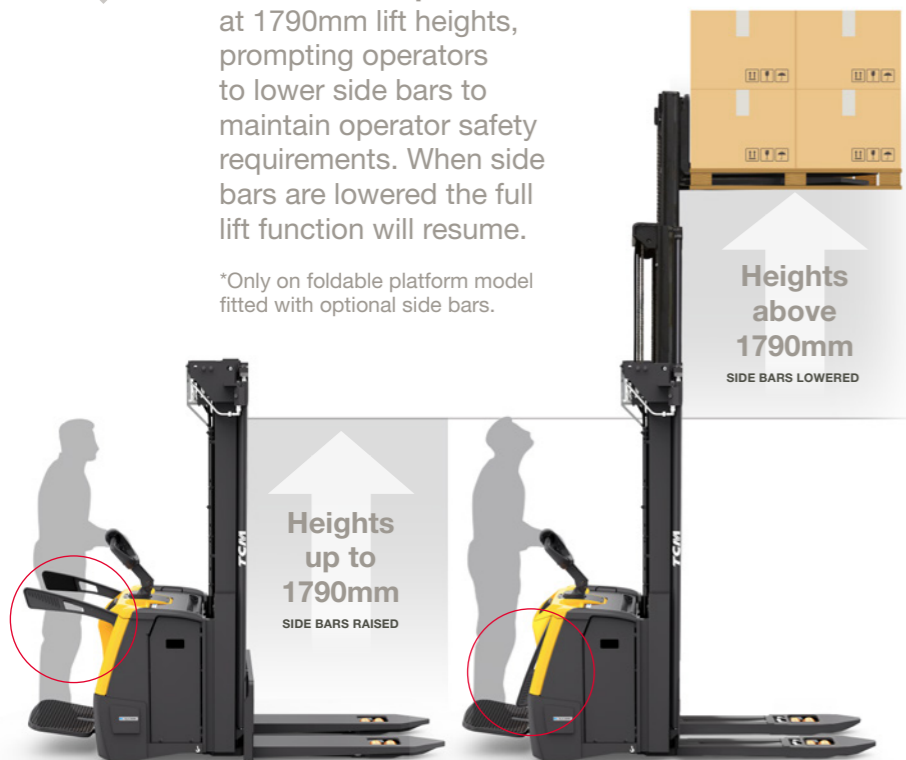
- **Initial lift of straddle legs** - allows the truck to handle/stack and transport double pallets to improve pallet-cycle throughput, productivity and safety. Can also be activated to negotiate small ramps and dock levers.
- **Lifting forks** - enables the operator to raise pallets to the correct height for comfortable and efficient order picking.
- **Pallet stop on straddle legs** - to enable consistent load position when double pallet handling.
- **Tapered forks with pointed tips** - for swift and accurate fork insertion, reducing positioning delays and accidental damage.



HEIGHT ALERT

- **Automatic lift pause*** at 1790mm lift heights, prompting operators to lower side bars to maintain operator safety requirements. When side bars are lowered the full lift function will resume.

*Only on foldable platform model fitted with optional side bars.



VISIBILITY

- **Excellent view over the forks with tips clearly visible** - reducing the risk of damage. Good view maintained through the duplex mast and fork carriage - for increased productivity and accuracy.



STABILITY & PRECISION CONTROL

Three steering choices available all with compact tiller head:

- **Best in class mechanical steering** - cost effective for low intensity operations.
- **Electric, highly responsive power steering option** - sensitivity adjusts to the travel speed. The sensitivity is high at low travel speed and less at high speed and allows precise control when manoeuvring at low speed while providing excellent stability at high speed straight travel.
- **Power+ steering** with pivot action tiller head for scooter-style operating.
- **Tiller up drive** - (Foldable platform models).
- **Cornering control available with power steering option** - calculates and adjusts speeds according to the steering angle, automatically slowing when cornering, for safe and quick handling minimising the risk of accidents.
- **Optional rear entry platform laser sensor** - truck slows to a stop if operator feet are not fully onboard.
- **Optional ASR (active spin reduction)** - to further enhance drive wheel traction and truck stability in slippery and wet floor conditions.



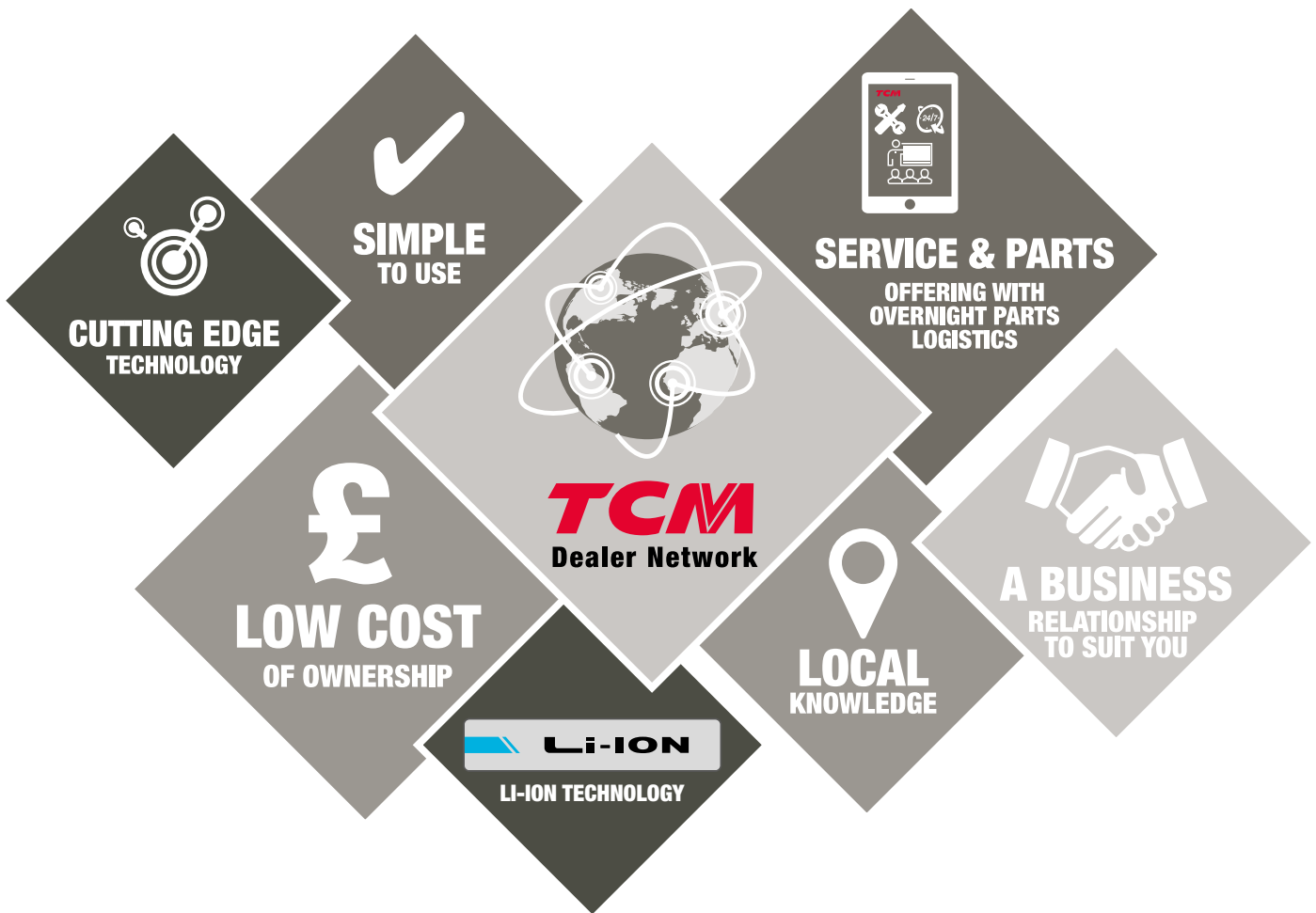
CLEAR AND INFORMATIVE DISPLAY

Advanced on-board computer well positioned for durability and clarity of message - CAN Bus and two different HMI (Human Machine Interface) displays.

- **Standard display (BDI)** - Battery status and hour meter, error codes, truck mode, drive speeds fork position dependant.
- **Optional multi-function display** - includes up to 100 Operator ID's with secure PIN Code access, 3 driver settings to suit applications and experience levels:
 - POWER** - For advanced drivers in intensive operation, maximum drive speed 8.5 km/h.
 - ECO** - Optimised settings for lowest energy consumption combined with high productivity, maximum drive speed 7.8 km/h.
 - EASY** - Perfect for sensitive goods handling or beginner mode. (maximum drive speed 6.0 km/h, softer braking and slower acceleration).

OPTIONS INCLUDE:

- Power+ steering with pivot action or power steering - model dependent
- ASR - Active Spin Reduction
- Foldable side protection bars
- Red or blue spot safety lighting packages
- 1200mm high load backrest
- Overhead guard (foldable platform models with power steering)
- Different drive wheel options
- Bespoke RAL colour



RIDE-ON PEDESTRIAN STACKERS

MODEL	LIFT CAPACITY (KG)	TRUCK WIDTH (MM)	INITIAL LIFT (MM)	MAX LIFT HEIGHT (MM)
SRS12-N3	1250	748	-	4190
SRS12R-N3	1250	748	-	4190
SRS12S-N3	1250	748	-	4190
SRS12I-N3	1250	748	200	4190
SRS12RI-N3	1250	748	200	4190
SRS12SI-N3	1250	748	200	4190
SRS16-N3	1600	748	-	5400
SRS16R-N3	1600	748	-	5400
SRS16S-N3	1600	748	-	5400
SRS16I-N3	1600	748	200	5400
SRS16RI-N3	1600	748	200	5400
SRS16SI-N3	1600	748	200	5400



info@tcm.eu | tcm.eu

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