

Lithium-Ion range from Toyota



Lithium-Ion range from Toyota Material Handling

Toyota Material Handling presents its unique Lithium-Ion range, now expanded and including reach trucks as well as 48 volt electric counterbalanced trucks, the first ones on the market. With this wide Lithium-Ion offer we are able to provide energy-efficient, flexible and cost-saving solutions that fit every type of customer operation.

Our Lithium-Ion range now consists of Powered pallet trucks: BT Levio W-Series (LWE) & P-series (LPE), Powered stackers: BT Staxio P-series (SPE) & W-series (SWE), Order pickers: BT Optio S-series (OSE), Towing tractors: BT Movit S-series (TSE), Reach trucks: BT Reflex R/E-series (RRE), Electric counterbalanced trucks: Toyota Traigo 48.

The Lithium-Ion battery technology is especially beneficial in multi-shift operations. As these batteries allow for opportunity charging, battery change is no longer needed, and neither are spare batteries or charging rooms. Instead, trucks can be recharged quickly by the operator during breaks. Eventually, unnecessary downtime is reduced to a minimum, resulting in higher productivity in the operation. Lithium-Ion batteries also have proven to be 30% more energy-efficient than lead-acid batteries, significantly reducing CO2 emissions. In combination with a lifecycle that is 4 times longer, these batteries really are environmentally conscious. Investing in Lithium-Ion technology leads to a better driver experience, as well as higher flexibility, productivity and energy efficiency, while taking the environment into account.



Key advantages

Lithium-Ion based truck technology is continuously developing to offer considerable advantages over conventional lead acid powered trucks in terms of energy efficiency, environment, simplicity and return on investment.

Energy efficiency/environment

- 30% saving on energy
- Reduced CO2 emissions
- No extra battery
- Longer lifecycle (4 times longer)

Simplicity/ease of use

- No battery change
- No separate charging room
- No maintenance (no water to fill in)
- Opportunity quick charging (during breaks)
- 1 truck - 1 battery (no extra battery needed)

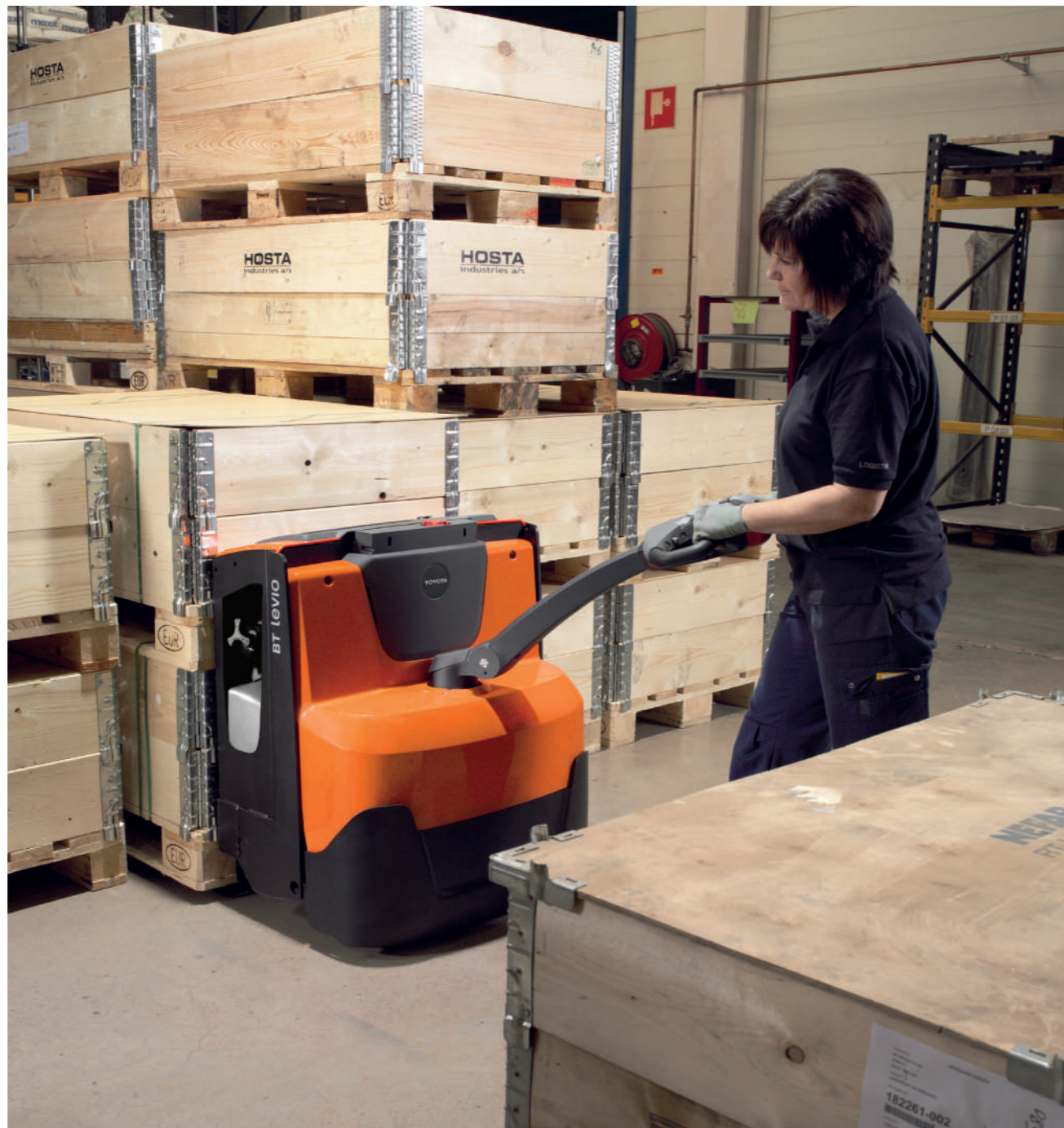
Return on investment

- Add flexibility to your operation
- Cost-saving in the long term
- Increased efficiencies

BT LEVIO W-series LWE

The BT Levio W-series of pedestrian powered pallet trucks are ideal for low to medium intensity pallet transportation. All models share the same compact design – easy to use in congested areas or on-board vehicles, with impressive handling capacity, which means they are suited to all types of application.

BT Levio W-series models available with Lithium-Ion battery: LWE160, LWE180, LWE200, LWE250



BT LEVIO P-series LPE

The BT Levio P-series powered pallet truck range has a compact design but offers capacities up to 2500 kg. The result is an extremely manoeuvrable range of machines with the smallest turning radius in their class – combined with the highest maximum speed, up to 12.5 km/h, for outstanding productivity. The standard truck has a folding driver platform with 'one-touch' foldable gates. The BT Levio P-series is perfect for longer distances and more demanding material handling applications.

BT Levio P-series models available with Lithium-Ion battery: LPE200, LPE220, LPE250



BT STAXIO W-series SWE

The BT Staxio W-series provides essential lifting power in warehouses and retail premises, where safety and manoeuvrability are particularly important. These powered stackers are also durable, with a load capacity of up to 2.0 tonnes. The SWE100 – SWE200D is best used for medium to high intensity stacking applications, (un)loading, horizontal pallet transport or order picking. The heavy-duty range is built to handle heavy loads in high racking applications.

BT Staxio W series models available with Lithium-Ion battery: SWE100, SWE120 (L/S), SWE140(L), SWE140 (S), SWE145(L), SWE160(L), SWE200(D/L)



BT STAXIO P-series SPE

The BT Staxio P-series offers a wide and versatile range of powered stacker trucks with platform. These trucks are best suited to material handling involving long distance travel in intensive applications. They lift high: up to 6 metres, offer great stability and are fast.

BT Staxio P series models available with Lithium-Ion battery: SPE120(L), SPE140(L/S), SPE160(L), SPE200(L/D/DN)



BT OPTIO L-series OSE

All our low-level order picker trucks are available with Lithium-Ion battery. The BT Optio L-series trucks ensure productivity by being powerful, efficient, adaptable, and easy-to-use. A wide range of model configurations means exactly the right specification can be chosen to suit the demands of your operation, picking at first and second levels, and increasing efficiency between man and machine.

BT Optio L- series models available with Lithium-Ion battery: BT Optio OSE250(P), BT Optio OSE100(W), BT Optio OSE120(P/CB), BT Optio OSE200X, BT Optio OSE180XP



BT MOVIT S-series TSE

The BT Movit S-series offer high-performance trucks suitable for a wide range of towing and order picking duties. Developed with the advanced BT Optio L-series low-level order picking range, BT Movit S-series is a state-of-the-art electric towing tractor, especially suitable for use in operations where goods are being moved in a continuous flow, such as just-in-time manufacturing. Our TSE300/500 models are designed to ease operations that require frequent mounting and dismounting.

BT Movit S- series models available with Lithium-Ion battery: TSE300, TSE500



BT REFLEX R/E-series RRE

The BT Reflex R/E-series of reach trucks are best suited to forklift applications involving high lifting with heavy loads. Because of an intelligent man-machine interface, these versatile trucks offer enhanced visibility, acceleration and lift control, all of which are simple to programme. For high lift operations, the BT Reflex E-series features a unique tilting cab, which reduces driver strain whilst offering safer and more accurate load handling resulting in a high amount of pallet movement.

The following models are available with Lithium-Ion battery : RRE140H (E), RRE160H (E), RRE180H (E), RRE200H (E), RRE250H (E).



TOYOTA Traigo 48

Toyota Traigo 48 series with Lithium-Ion battery option includes 4 counterbalanced forklift models with a 48-volt battery and load capacities up to 2 tonnes. The 4-wheel Traigo 48 models provide increased stability on uneven ground, whilst the 3-wheel models offer better manoeuvrability and a shorter turning radius. Suitable for indoor or outdoor use, our counterbalanced electric forklifts feature lift heights of up to 7.5 metres. Traigo 48 models are highly energy efficient, particularly in combination with the Lithium-Ion battery option for intensive operations.

The following models are available with Lithium-Ion battery: 8FBK16T, 8FBK18T, 8FBK16T, 8FBK20T



Toyota Material Handling in Europe

Total coverage

The Toyota Material Handling network extends to over 30 countries in Europe with more than 4500 mobile technicians.

Always local – with global support

Wherever you are located in Europe, we are always local, due to our extensive coverage, but with the stability and back-up of a worldwide organisation.

Made in Europe

Over 90% of trucks we sell are built in our own European factories, in Sweden, France and Italy – all to TPS quality standards. We employ over 3000 production staff in Europe and work with over 300 European suppliers.

Approximately 15% of our European production is exported to other parts of the world.

