

Liebherr Reachstackers.



LIEBHERR

The latest design in reachstackers – totally manufactured by Liebherr.

1

Comfort

Operating a Liebherr reachstacker (LRS) isn't just work – it is enjoyment. Amongst other features, comfort is assured by a highly effective shock absorbing system which has been incorporated to achieve optimum vibrations damping.

3

Reliability

Proven Liebherr components have been taken over from such successful product lines as the harbour mobile crane series and the STS crane range which are key ingredients for the reliability of Liebherr reachstackers.

2

Performance

Where no reachstacker has reached before... A uniquely curve-shaped telescopic boom offers unrivalled reach plus extra space for stacking and provides its customers with handling opportunities so far not to be found within the reachstacker market!

4

Economy

Highly responsive, smooth and sensitive driving – that's what the reachstacker driver experiences due to the implementation of a fully hydrostatic transmission. Not forgetting optimised fuel consumption, reduced noise emissions as well as an extended lifetime of power-pack components.





1 Comfort you can feel.

With a Liebherr reachstacker you don't just see the difference, you can even feel it! Actually, from the moment the driver takes his seat, he'll experience the trend-setting comfort of this machine which obviously contributes to an overall improvement of handling rates and a remarkable reduction in fatigue times.

Long live the reachstacker

Whereas conventional reachstackers are characterised by strong vibrations in the chassis and the driver's cabin, Liebherr reachstackers come with a highly effective shock absorbing system. The cabin, power pack and transmission are all supported on one frame leading to a remarkable decrease of natural frequencies and a reduction of vibrations, resulting in a long lifetime of components.

Control meets comfort

A spacious, comfortable cabin with unique working visibility provides the driver with an optimum working atmosphere. From his ergonomically designed, air-suspended seat he can easily operate any reachstacker movement as well as any spreader activation by means of two simple joysticks – combining ultimate control with outstanding comfort!

Access all areas

Where the driver appreciates step-less speed control as well as the selection of horizontal/vertical load paths, the service staff benefits from an optimum access to all service points, even enabling a spreader service directly from the ground.



Optimum access to the complete power pack.



Highly effective shock absorbing system.



Touch-screen providing all information at a glance.

2

Performance you need.

The “award” for the most striking feature of Liebherr reachstackers certainly goes to a uniquely curve-shaped, telescopic boom for unrivalled reach plus extra space for stacking.

Boosting container handling efficiency

Having turned away from the straight boom concept, direct access to 2nd and 3rd row containers is easily manageable without any necessary removal of boxes in the front row. Obviously such innovative container movements will have a major positive impact on the efficiency of container stacking yards in terminals around the globe.

Consequently a Liebherr reachstacker is not just a suitable tool for handling present requirements, but also an investment into the future!

Inspired by nature, designed by Liebherr

Due to its unconventional design the curve-shaped telescopic boom has been labelled the “banana boom” almost immediately after its first appearance in the market. And just like the banana, the Liebherr reachstacker offers plenty of vitamins – in other words – useful resources to its operators. In terms of reach, this comprises the unique possibility of loading/unloading containers from/to below ground level e.g. from/to barges – without any special boom extension!



Supporting pads for increased lifting capacity in the second and third row (option).

Reaching below quay level – another feature of the Liebherr reachstacker.

3

Reliability you can trust.

During its long relationship with the maritime world, Liebherr has gained an excellent reputation with respect to quality and reliability of its products. So when the time came to build its own reach-stacker, Liebherr could make substantial use of thousands of thoroughly tested and maritime-proven components – which is obvious from the cover (use of glass-fibre reinforced construction of the chassis) right into the “heart” of the reachstacker (implementation of the Litronic® electronic control system).

You are not alone

A common saying goes “A product is just as good as its after-sales service.” Sooner or later any kind of reachstacker may face malfunctions and – if it’s a critical one – may even cause the unit to be out of order for some time. Every reachstacker deserves regular service and maintenance, doesn’t it?! That’s exactly the time when a Liebherr customer benefits from an excellent world-wide service network with highly qualified engineers who understand their business and assist their clients within the shortest possible time.



Tested and proven - the in-house developed Liebherr engine.

Spare parts availability guaranteed.

After-sales service around the globe – quick and reliable.

4

Economy makes you smile.

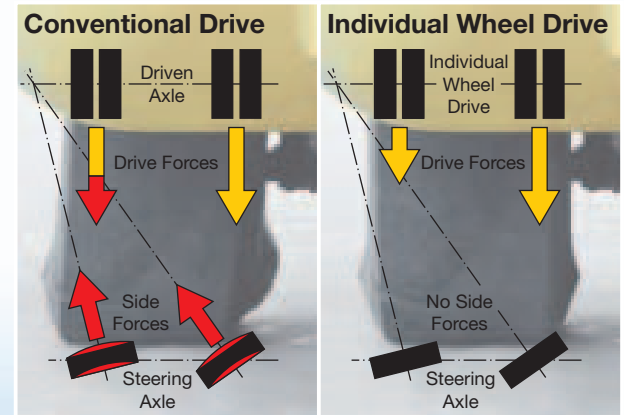
When looking at your budgets one has to bear in mind that for the investment in a reachstacker, the purchase price is just one figure that needs to be analysed. Additionally the actual operating costs as well as the service & maintenance costs definitely have a major impact on the overall price of a reachstacker!

Hydrostatic transmission

With the revolutionary integration of a fully hydrostatic transmission and a step-less speed control Liebherr reachstackers allow for an optimization in diesel rpm which is clearly reflected by a very low fuel consumption. And as the hydraulic pressure is also at a lower level – compared to conventional reachstackers – a long lifetime of power pack components can be taken into account as well.

Individual wheel drive

Due to the implementation of an individual wheel drive, steering of the reachstacker is effected via the front axle. This reduces wear and tear of the tyres to a great extent and minimises any impact of side forces on the steering and driving axles (especially with small radii), thus increasing the lifetime of steering components.



Outstanding handling possibilities for utmost efficiency.

Suitable for all kinds of application.

Boosting terminal performance.

Container Handling Competence – LRS, LHM, STS, RTG, RMG, ...

Boxes are our daily business! With hundreds of harbour mobile cranes, ship-to-shore cranes, rubber-tyre and rail-mounted gantries as well as special crane solutions on the market, Liebherr has gained an invaluable amount of experience in the maritime field – definitely the most chal-

lenging and demanding environment for the container industry. Such experience pays off in the handling of each and every box and obviously contributes to Liebherr's ambition to present itself as the outstanding sole supplier for container handling competence!



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