

The only versatile Reach Stacker that combines multiple loadcharts and wheelbases in one machine

Side mounted technology boxes for easy maintenance and higher availability

Innovative hydrostatic drive system for lowest fuel consumption and noise emissions.

Movable capacity from 42t to 500t

MODEL RANGES

- For heavy lift / Special applications / Project work
- Capacities of 500t
- Travel capability with full load
- Full range of attachments available

- Can lift 86t ISO containers
- 90t capacity for heavy lift work
- Standard container handler as well as for heavy containers / heavy lifts

- Equipped with 50t spreader
- Various applications such as Intermodal, Rail & Barge
- · One machine for all types of work

VRS VERSATILE REACH STACKER

WHAT MAKES US DIFFERENT?

Our Reach Stacker offers up to 7 lengths with one extendable chassis.

Modular Design - quick release components for easy up - and downgrades. Technology Units with quick release systems - for highest availability.

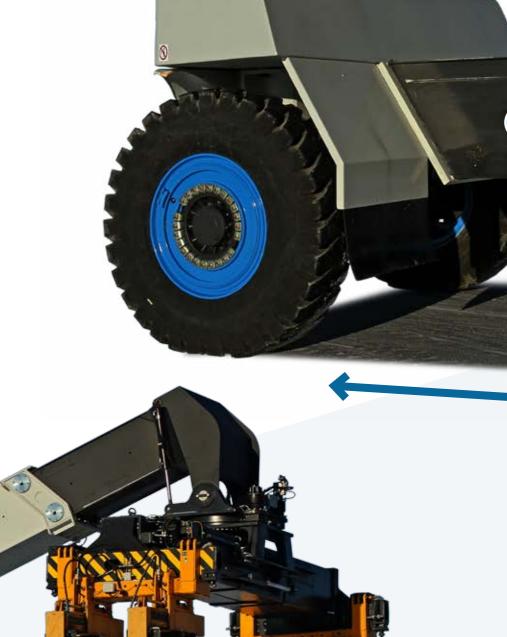
It only takes 120 minutes to replace an engine.

The Intelligence of our Software together with the DANA - REXROTH TRANSMISSION allows for the use of a smaller engine and lower max. RPM, maximizing fuel efficiency and reducing noise levels to 68 dB(A).

High quality components such as Cummins, Volvo, Kessler, Dana and Rexroth.

German ideas and service mentality combined with Italian design and production capabilities.

VRS





The variable lifting capacity

Is the ability to transform a **traditional Reach Stacker of short** wheelbase into a **special Reach Stacker with long** wheelbase just by extending the frame and consequently moving the counterweight.

After using the maximum lifting capacity with the long wheelbase, once the boom is retracted it is possible to shorten the frame, and then handle the load with the short wheelbase.

A **Reach Stacker** with the maneuverability of machines with short wheelbase, but with the lifting capacity of machines with long wheelbase.



We change the concept!

In a conventional machine engine and transmission are in the middle under the cabin making them difficult to reach and inefficient.

We've moved the technology outside in an ENERGY BOX and SUPPLY BOX, with a hydrostatic/mechanic drive system.

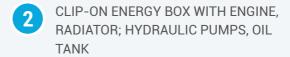
Results are

- low fuel consumption
- low noise level
- reduced tire wear

HANDLING

The power drive used is hydrostatic, for a reduction of fuel, tyre and brake. Therefore reducing environmental impact: harmful air emissions and noise.





MODULARITY

Easy access to components inside of modular units and the possibility of rapid replacement of the modules reduces the costs of machine downtime, maintenance and service.

FLEXIBILITY

A central frame, hydraulically extendable, to get one machine with multiple wheelbase lengths and therefore multiple different lifting capacities.

HEAVY DUTY SERIES UP TO 500t - MOVABLE WITHOUT STABILIZER







Special tasks require special machines

To realize effective handling of enormous capacities we developed a specialised heavy duty design – a dedicated chassis, bigger tyres, a more powerful powertrain.

Mounted with independent wheel suspension for best traction and lowest ground pressure.

Due to our innovative Drive Sensing System with Rexroth components the tyre consumptions is reduced.



VERSATILE REACH STACKER HEAVY DUTY SERIES

MOVABLE LOADS UNDER CRANE HOOK

Heavy Duty Series

VRS J VRS K

 Wheelbase:
 Wheelbase:

 7.500 to 10.000mm
 9.000 to 12.000mm

es: T

tyres 4 x 24:00 -35/ 2 x 24:00 - 35

Lifting capacities: Lifting capacities:

115t at 2.500mm LC 170t at 2.000mm LC

VRS L

Wheelbase:

9.000 to 12.000mm

Tyres: tyres 4 x 37:00 - 57/ 2 x 37:00 - 57

Lifting capacities:

250t at 2.000mm LC

VRS M

Wheelbase:

10.500 to 14.000mm

Tyres:

tyres 5 x 40:00 - 57/ 2 x 40:00 - 57

tyres 4 x 27:00 - 49/ 2 x 24:00 - 35

Lifting capacities: 500t at 2.000mm LC









WHEELBASE 6.5 m

VERSION	MAX CAPACITY NO STABILIZERS (t)		
VRS G	57 / 39 / 24		
VRS H	86 / 60 / 33		

WHEELBASE 8.5 m

VERSION	MAX CAPACITY NO STABILIZERS (t)
VRS G	60 / 48 / 31
VRS H	90 / 75 / 43

Combi Series

Our Combi Reach Stacker series is equipped with spreader up to 90t capacity under lifting eyes and 86t capacity under twist lock.

Best machine to handle containers and heavy cargo.





	5 m		
VERSION	MAX CAPACITY NO STABILIZERS (t)		
VRS A	42 / 27 / 13		
VRS B	45 / 30 / 14		
VRS C	46 / 32 / 17	The state of the s	
VRS D	50 / 38 / 21	3-1-57A-1	
VRS E	50 / 41 / 23		
VRS F	50 / 45 / 25		
HEELBASE 8. VERSION	MAX CAPACITY		
VERSION	MAX CAPACITY NO STABILIZERS (t)		
VERSION VRS A	MAX CAPACITY NO STABILIZERS (t)		
VERSION	MAX CAPACITY NO STABILIZERS (t)		
VERSION VRS A VRS B	MAX CAPACITY NO STABILIZERS (t) 42 / 31 / 16 45 / 34 / 18		
VERSION VRS A VRS B VRS C	MAX CAPACITY NO STABILIZERS (t) 42 / 31 / 16 45 / 34 / 18 46 / 38 / 21		

Our Standard Reach Stacker series is equipped with spreader up to 50t capacity and 4 lifting eyes with each 12.5t capacity THE CLIP-ON CABIN ADHERES
TO THE HIGHEST ERGONOMIC
STANDARDS.

The cabin, positioned in the center of the machine is available as sliding or fixed cabin.

During stacking of the container, while the boom raises the cab tilts according to the stacking height, favoring the ergonomics of the operator. The whole process is controlled by our CES ECO-SOFT Software.

BARGE HANDLING OR SECOND RAIL OPERATION

The cabin can optionally be installed on the side above the front fender on a hydraulic lift and tilt system.



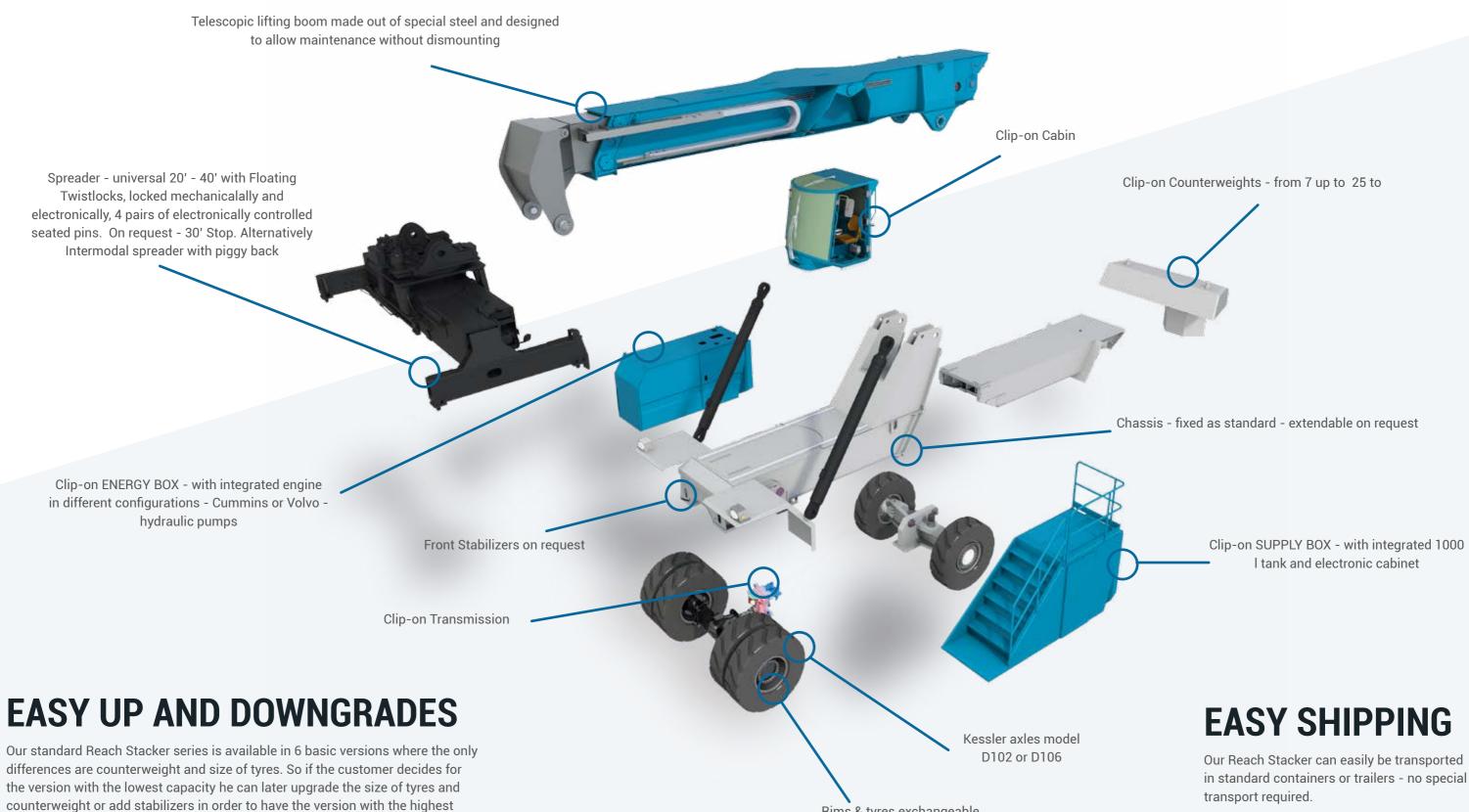
THE ADVANTAGES OF MODULARITY

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capacity

EASY REPAIR AND MAINTENANCE

All components are easy to reach and can quickly be dismounted or replaced resulting in reduced downtimes and less costs for the operator. For example the ENERGY BOX can be quickly replaced by another unit - the machine goes back in operation while repairs or maintenance can be done on the BOX in need of repair.



Rims & tyres exchangeable





Hydraulically extendable chassis for highest capacities in second and third row - the most versatile Reach Stacker on the market



High dynamic stability outstandingly stable reach stacker



Side mounted ENERGY and SUPPLY BOXES



Ergonomic high visibility cabin, tiltable in ratio to the lifting height with optional 360° surround view camera system





SALES & SERVICE

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