

UP

RSUP 45-7IH5

Reach Stacker 45 tonnes
Intermodal Handling. 5 heights



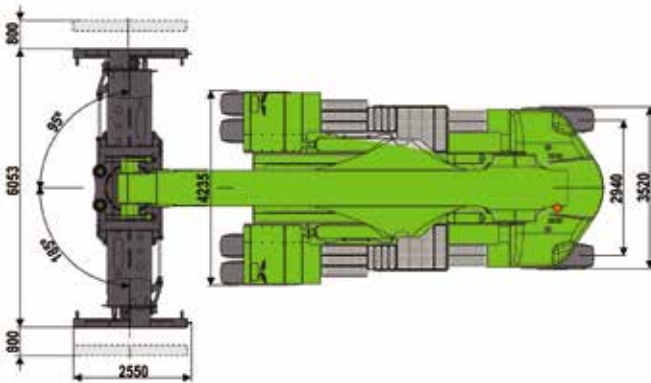
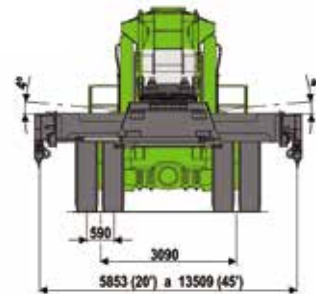
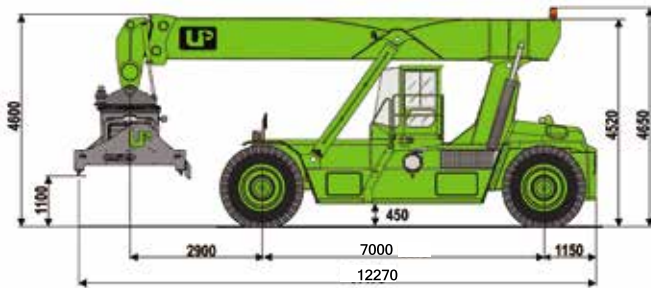
New ways to advance without pause, **step by step...**

RSUP 45-7IH5(H)(R)

Reach Stacker 45 tonnes. 7 m. Intermodal Handling. 5 Heights. (Heavy). (Rail)

Dimensions (mm)

Distance between axles	7000
Total length	12 270
Turning radius	9320



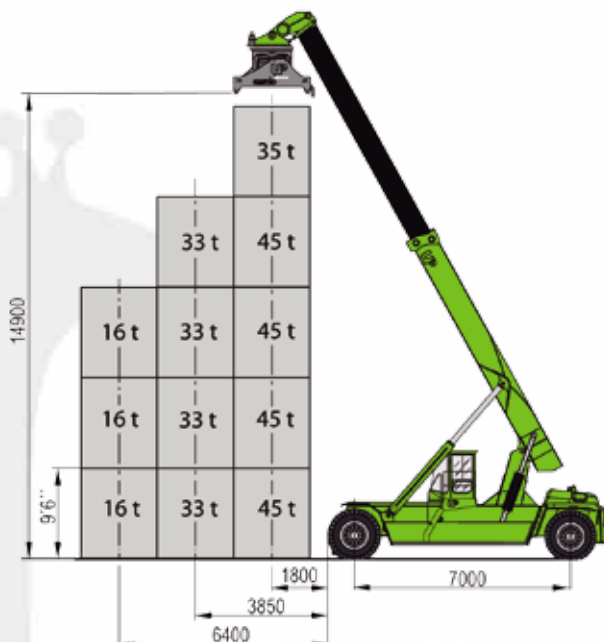
Weights

RSUP 45-7IH5 RSUP 45-7IH5R	Unladen	Laden
Front axle	45 000 kg	107 170 kg
Rear axle	35 150 kg	17 980 kg
Total	80 150 kg	125 150 kg

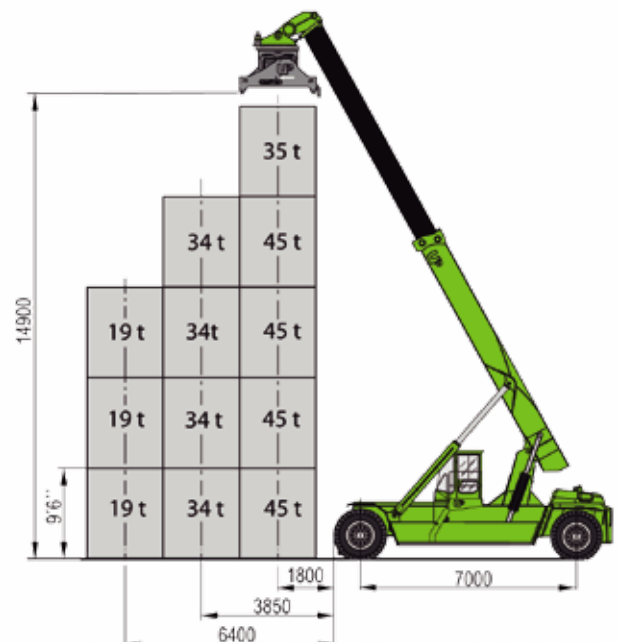
RSUP 45-7IH5H	Unladen	Laden
Front axle	45 650 kg	107 820 kg
Rear axle	39 150 kg	21 980 kg
Total	84 800 kg	129 800 kg

Load diagrams

RSUP 45-7IH5



RSUP 45-7IH5H RSUP 45-7IH5R



Cab

- _ Excellent visibility all around: ISO/DIS 13564-1
- _ Hydraulic movement
- _ Operator's seat with air suspension
- _ Tinted safety glass
- _ Tilting steering column
- _ Sound proofing ISO/TS 3691 - 7:2011
- _ Accessibility
- _ Joystick which controls boom, spreader and accessories movements.

Safety

- _ Safety- glass is used in the whole machine.
- _ Functions control by electronic system.
- _ Safety belt is incorporated.
- _ Non-slip steps to get the cabin.

Engine

Manufacturer	VOLVO	CATERPILLAR
Model	TAD1171 VE	C9.3
Power (ISO 3046/2534)	265 kw	242 kw
Speed	2100rpm	2200 rpm
Cylinders	6	6
Displacement	10 840 cc	9300 cc

Tyres and wheels

- _ 4 front wheels
- _ 2 rear wheels

	RSUP 45-7IH5 RSUP 45-7IH5R	RSUP 45-7IH5H
Dimensions	(18.00x25)/40PR	(18.00x33)/40PR

Capacities

- _ Capacity of fuel tank 500 L
- _ Capacity of oil tank 800 L

Electronic control system

- _ 6.5" transfective TFT master color display
- _ Engine, transmission and satellite modules control
- _ External GSM modem
- _ Large internal memory for events and logging
- _ Overload security management
- _ Instantaneous display of warnings

Transmission

- _ Auto- Powershift
- _ Brand ZF model 4WG 311
- _ 4 forward and 3 reverse speeds
- _ Electronic control
- _ High efficiency heat interchanger for the oil

Electric circuit

- _ Circuit of 24V with 2 batteries of 12V/165 Ah. each
- _ Alternator 24V and 115A
- _ LED lights

Environment

- _ Lowering toxic emissions engine in accordance with Stage IV/Tier 4f.
- _ The use of high elasticity steel ensures the diminution of harmful emissions to the environment.
- _ Stage II/Tier 2 or Stage IIIA/Tier 3 Engines for non-regulated regions which do not belong to the EU.

Toughness

- _ Large sections made of high strength steel.
- _ Critical resistant elements get a controlled testing inspection once welded.
- _ A latest generation welding robot is used for welding.

Axles

Front	KESSLER. Heavy duty service
Back	Oscillating steering axle own manufactured. Heavy duty work conditions

Brakes

Service brake	Wet disc brake with oil bath. No maintenance is needed.
Parking brake	Disc on front axle

Hydraulic system

- _ Steering control
- _ 2 variable flow piston pumps
- _ Electrical proportional control for the boom movements
- _ Return filters
- _ Auxiliary pumps for cooling system

Spreader

_ Uplifting model	TSUP 245-B
_ Classification	DIN 15018, H2B4
_ Load capacity	45 t
_ Weight	11 950 kg
_ Hooks' capacity	4x10t
_ Telescoped pieces	20-30-40-43-45 feet
_ Twistlocks	ISO oscillating
_ Rotation	+185°, -105°
_ Transverse oscillation	+/-4°
_ Side-shift	+/-800 mm
_ Telescoping time 20-45'	14 seconds
_ Integrated piggy-back	

Optional equipment

- _ Automatic lubrication system
- _ RSUP 45-7IH5R: Front supports
- _ Camera system
- _ Remote control
- _ Tyre pressure monitor
- _ Fire suppression system
- _ Air-conditioner
- _ Handling elements
- _ Vehicle fleets management (electronic control system)

MACHINERY RANGE

Reach stackers

- _ Loads from 10 to 90 t



General load Lift Trucks

- _ Light duty range from 8 to 15 t
- _ Medium duty range from 16 to 25 t
- _ Heavy duty range from 28 to 60 t



Lift Trucks for containers

- _ For laden containers from 32 to 50 t
- _ For unladen containers from 3 to 8 heights
- _ Containers standard handling
- _ Containers longitudinal handling



Spreaders

- _ Telescopic from 20 to 45'
- _ Fixed
- _ Intermodal handling (Piggy- back)



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