

# REACH STACKER **HYBRID H9**

## 15% MACHINE-COST-SAVINGS PER HANDLED CONTAINER

### ENERGY-RECOVERY SYSTEM

- Energy recovery whilst lowering the boom
- Energy created in lowering action is captured in hydropneumatic accumulators
- Direct support when lifting the boom
- Up to 70 kW additional power from the accumulators
- Straight power-flow without incurring losses

### WEIGHTSAVINGS

- Reduction of approx. 1 ton tare weight with the new H9 spreader design
- 30 000 hour on test-stand conducted
- Reduced counterweight
- Adapted lift-cylinders
- 500 kg lighter boom-head

### EFFICIENT TRANSMISSION

- DANA TE30 with soft-shifts
- 5 gears establish efficient engine rpm's
- Lock-up in torque converter automatically eliminates drag

**MORE CONTAINERS  
MOVED PER HOUR**



**FUEL-SAVING**



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## REACH STACKER HYBRID H9 SPECIFICATIONS

ENGINE AND TRANSMISSION	
Engine	VOLVO TAD 1171VE
Emission level	EU Stage IV
Rated power	265 kW / 1450-2100 rpm
Torque	1750 Nm / 1260 rpm
Transmission	<b>DANA TE30</b>
Number of gears	<b>5F / 3R</b>
Transmission features	Powershift, automatic lock-up in torque converter

**INCREASED EFFICIENCY, SOFT-SHIFTS**

**FUEL-EFFICIENT ENGINE RPMs**

WEIGHTS AND AXLE LOADS	
Weight	<b>71550 kg</b>
Axle load with empty Spreader (front / rear)	33410 kg / 38140 kg
Axle load with max. load in L1 (front / rear)	<b>99430 kg / 17120 kg</b>
Axle load with max. load in L2 (front / rear)	92440 kg / 10110 kg
Axle load with max. load in L3 (front / rear)	75640 kg / 10900 kg

**3 RESP. 4 T LIGHTER THAN A STANDARD MACHINE**

**MAX. AXLE LOAD BELOW 100 T**

PERFORMANCE	
Lifting capacity in 1st / 2nd / 3rd row	45 t / 31 t / 15 t
Max. lift capacity	45 t
Stacking height with 8'6" / 9'6" container	5
Max. lifting speed (unladen / laden)	<b>420 / 250 mm/s</b>
Max. lowering speed (unladen / laden)	500 / 400 mm/s
Max. traction force	335 kN
Driving speed	25 km/h
Gradability	39%

**13% FASTER IN LIFTING HEAVY LOADS**

H9 SANY SPREADER	
Model	SDJ450H9
Spreader weight	<b>7200 kg</b>
Sideshift	+/-800 mm
Rotation angle	+105° / -195°
Mechanical slope compensation	+/-2°

**APPROX. 1 T LIGHTER THAN A USUAL SPREADER**

Ask your dealer.

Jointly with you, we will be pleased to assess your specific potential of machine-cost-saving per container.



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