

REACH STACKER **HYBRID H9**

15% MACHINE-COST-SAVINGS PER HANDLED CONTAINER

ENERGY-RECOVERY SYSTEM

- Energy recovery while 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
- 30000 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



SANY

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	DANA TE30
Number of gears	5F / 3R
Transmission features	Powershift, automatic lock-up in torque converter

INCREASED EFFICIENCY, SOFT-SHIFTS

FUEL-EFFICIENT ENGINE RPMs

WEIGHTS AND AXLE LOADS

Weight	71550 kg
Axle load with empty Spreader (front / rear)	33410 kg / 38140 kg
Axle load with max. load in L1 (front / rear)	99430 kg / 17120 kg
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)	420 / 250 mm/s
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	7200 kg
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.



SANY