

REACH STACKER FOR HANDLING CONTAINER CRS4532 **45TON**



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Any doubt, please contact us.
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PERFORMANCE ADVANTAGES

Scientific operation.

Adopt Parker electric control system, with artificial intelligence display, fault diagnose system and easily maintenance.

High efficiency and reliable.

CAN BUS system, with immediate response and large data information. Also this CAN-BUS system delivers full diagnosis capacities, simplifying the servicing of the truck with anti-interference.

High safety.

Equipped with Rear camera surveillance system and high-capacity fire extinguisher, much more safe and high efficiency.



Stable and easy maintenance.

Adopt complete Parker hydraulic system, international standard hydraulic parts, impact resistant, low noise, stable performance and easy maintenance.

Comfortable driving.

Equipped with tilting cab and hood, to ensure access to major components for inspection and service. Also this makes the wide and clear view with little noisy inside.

SAFETY DEVICE

1

Anti-rollover protection device.

Datas from boom sensors will transfer through CAN bus system for confirming whether in safety work condition. It will buzz in dangerous situation and warning to operator stop running. Boom will only shrink and can't extend.

2

Engine starting protection device.

When engine start, IQAN system will receive datas from engine controller and cut signal to start motor to prevent start again.

3

Travelling protection device

Travelling protection: Close high speed gear to make high speed failure temporary, when twist locks full closed, in order to travelling with load in safety low speed.

4

Twistlock activation protection /Spreader protection.

Hydraulically activated and mechanical interlocking against faulty locking and unlocking.

Twistlocks perform interlock only when all twist locks screwing the container corner fitting and activate landed pin.

Boom only can shrink instead of extend when twist lock not full open nor full closed.

5

Spreader anti-swing device.

The anti-swing oil cylinder will activate when spreader swings and making damping through cross overflow valve to stop spreader swinging and make spreader stable even in harsh condition.

6

Hydraulic lock device.

There is hydraulic lock on the bottom of pitch cylinder to close oil way and stop boom action to ensure safety work, when high-pressure rubber hose is suddenly cracked.



MAIN COMPONENTS



Spreader

Sweden Spreader ELME817
Rotation angle: +105/-195°
Sidesway: ±800mm
Extension: 20'~40'
Max. Load: ≥45000KG

Transmission



DANA 14.7HR36432 transmission
Hydraulic torque converter + Gear box
Gear shifting front/rear: 4/4
Forward & reverse gear: AMT, CVT

Engine



Model: CUMMINS QSM11-335
Rated output: 250kw/2100r/min
No. Of cylinder: 6-inline
Rated torque: 1708Nm/1400rpm
Emission standard: Euro III
Fuel consumption rate: 210g/kw-h



Model: VOLVO TAD1151VE
Rated output: 265kw/2100r/min
No. Of cylinder: 6-inline
Rated torque: 1785Nm/2100rpm
Emission standard: Euro III
Fuel consumption rate: 210g/kw-h
EuroIV/Tire4 engine is available

Axle

German KESSLER drive Axle D102 PL341, equipped with several sealed, wet disc brakes and central pliers disc brake, which is maintenance free.



MAXIMAL REACH STACKER WORKING SPOT MAP



Guangxi Debao train station 1



Guangxi Debao train station 2



Liaoning



Jiangxi Ruichang 1



Jiangxi Ruichang 2



Ningbo Zhenhai Port area 1

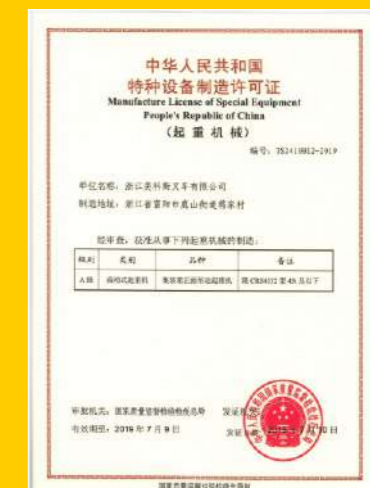


Ningbo Zhenhai Port area 2



Guangxi Pinguo train station 1

Manufacture License of Special Equipment awarded by People's Republic of China.



SPECIFICATION

		Model		CRS4532-MWU3 (CUMMINS QSM11) / CRS4532-MWY3 (VOLVO TAD1151VE)		
Lifting	1	Stacked Levels	Row 1-2-3	Type of Container	Unit	Lifting Capacity
	2	4x	First row	9'6"	ton-m	45-2.0
	3	5x			ton-m	43-2.0
	4	6x			ton-m	-
	5	3x	Second row	9'6"	ton-m	32-3.85
	6	4x			ton-m	32-3.85
	7	2x	Third row	9'6"	ton-m	15-6.35
	8	3x			ton-m	15-6.35
		9	Max. Lifting Height			m
performance	10	Speed	Lifting Speed(Unladen/Laden)		mm/sec	420/250
	11		Lowering Speed(Unladen/Laden)		mm/sec	360/360
	12		Forward travel speed(Unladen/Laden)		km/h	25/21
	13		Backward travel speed(Unladen/Laden)		km/h	25/21
	14		Traction(Laden)		kN	300-2km/h
	15		Outside turning radius		mm	8000
Weight	16	Self weight(Unladen)		ton	72	
	17	Weight Distribution	Laden	Front axle	kg	103
	18			Rear axle	kg	14
	19		Unladen	Front axle	kg	37
	20			Rear axle	kg	35
Stability	21		Front stability	Forward stability. 40T		First row
	22	Forward stability. 25T		Second row	1.806	
Tyre	23	Tyre	Front wheel		in	18.00x25/PR40
	24		Rear wheel		in	18.00x25/PR40
	25		Wheelbase		mm	6000
	26		Length		mm	1675
	27		Front wheel track		mm	3030
	28		Rear wheel track		mm	2760
Hydraulic system	29	Load sense system		New second generation system		
	30	Variable displacement piston pump (new)		New second generation system		
	31	Cooling/filter system		With/with		
Cylinder volume	32	High flow main valve (new)		M402		
	33	Hydraulic oil		L	700	
Electric system	34	Diesel		L	600	
	35	Type/voltage		V	CanBus/24V	
	36	Overload system		stand	Electronic control	
	37	Color/graphics display		6.5" color display		
Cab	38	Electronic/ proportion(tonnage/percentage)		With/with		
	39	System integrity		comprehensive		
	40	Type (new)		Best in China		
	41	Cooling/heating (new)		Electronic control		
	42	Size		big		
	43	Step/handrail		With/two sides		
Boom angle	44	Front step/handrail		With/fender		
	45	Cab forward shift		Yes		
	46	Travel with door open		Yes		
	47	Min./Max.		deg	0/60	
Chassis	48	Basic design		4 sides box type		
View	49	Basic design		4 sides box type		
Noise level	50	Front, Top, Side, Back		Good		
	51	Cab interior (Leq)		dba	70	

REACH STACKER CONTAINER STACKING 5 LAYERS

