



# HNRS 4531

Built for container handling and more



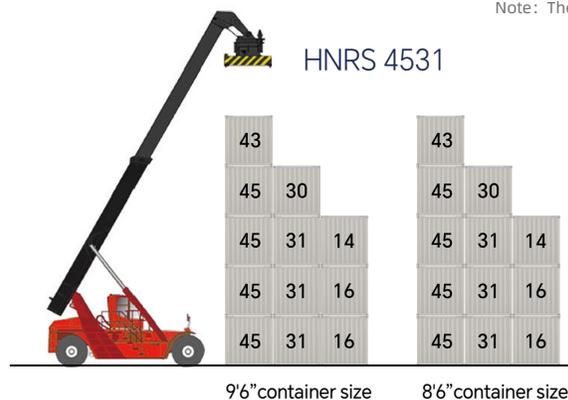
**SOCMA POWER LIFT YOUR BUSINESS**

FUJIAN SOUTHCHINA HEAVY MACHINERY MANUFACTURE CO., LTD

<https://socma-forklift.com>

		Unit	HNRS4531
General	Standard engine		Cummins QSM 11
	Standard transmission		DANA 15.5HR36432
	Load capacity at load center distance c1, C2, C3	ton	45/31/16
	Load center distance C1 ,C2, C3	mm	1965/3815/6315
	Stacking height at 1st 2nd 3rd row 9'6" / 8'6"		5/5-4/4-3/3
	Load distance, center of drive axle to face of front tires	mm	838
	Wheelbase	mm	6000
Weight	Service weight	ton	72
	Axle loading with load (c1), front/rear	KN	101/16
	Axle loading without load (c1), front/rear	KN	34/38
Tire	Tire type	mpa	1
	Tire size, front		18-25X40PR
	Tire size, rear		18-25X40PR
	Number of tires, front/rear (X driven)		4/2
	Tread, front	mm	3048
	Tread, rear	mm	2790
	Ground Pressure Front/Rear	mpa	0.95
Dimensions	Boom angle minimum/maximum	deg	0/60
	Height of boom lowered	mm	4623
	Lift height at load center c1	mm	15100
	Lift height at load center c2	mm	13700
	Height, boom extended	mm	17952
	Height of overhead guard (cabin)	mm	3656
	Seat height to SIP	mm	2360
	Height under twistlock - lowered	mm	1181
	Overall length	mm	8021
	Overall length including boom retracted	mm	11370
	Overall width across all of truck	mm	4142
	Overall width across spreader 20'	mm	6053
	Overall width across spreader 40'	mm	12185
	Ground clearance	mm	355
	Aisle width: 20' container - Add clearance	mm	11797
Aisle width: 40' container - Add clearance	mm	13965	
Spreader	Lateral Displacement	mm	±800
	Rotation Angle	°	+105/-195
	Weight	ton	8.3
Hydraulics&Oil tank	Maximum Working Pressure Boom/Spreader	bar	260
	Hydraulic Oil Tank Volume	L	850
	Fuel Tank Volume	L	400
Performance	Travel speed, with/without load	km/h	21/25
	Lifting speed, with/without load	mm/s	250/420
	Lowering speed, with/without load	mm/s	300/450
	Gradeability - with/without load	%	32%/39%
	Drawbar Pull	KN	330
	Noise Level (Inside Cab)	dba	72

Note: The above data are subject to change without prior notice



9'6" container size

8'6" container size