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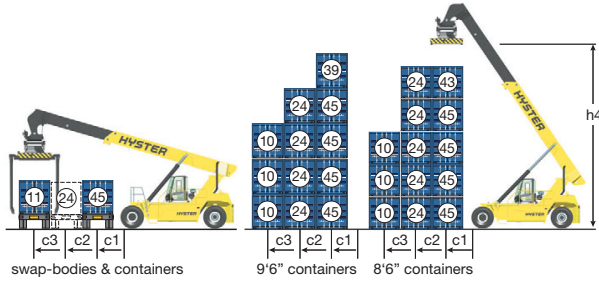
RS46-33 IH FORKLIFT

46.0T DIESEL 6.3M CONTAINER HANDLER

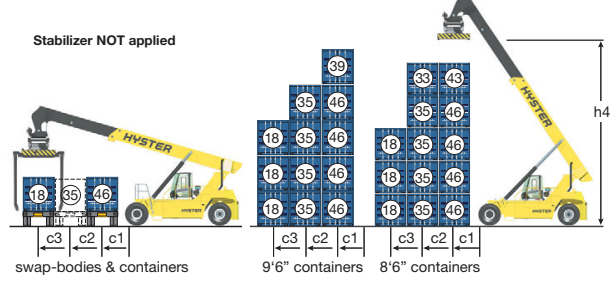


Rated Capacities and Stacking Heights – Intermodal Handlers

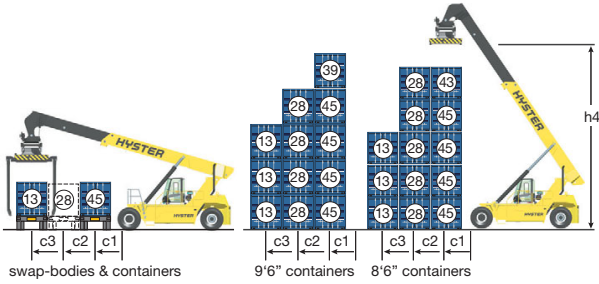
RS 45–24 IH Intermodal Spreader



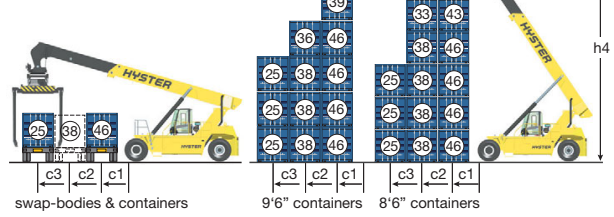
RS 46–38S IH Intermodal Spreader



RS 45–28 IH Intermodal Spreader

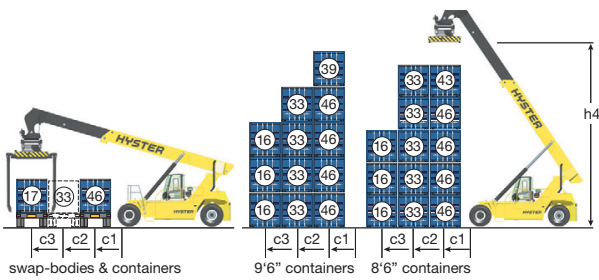


Stabilizer applied (truck static)

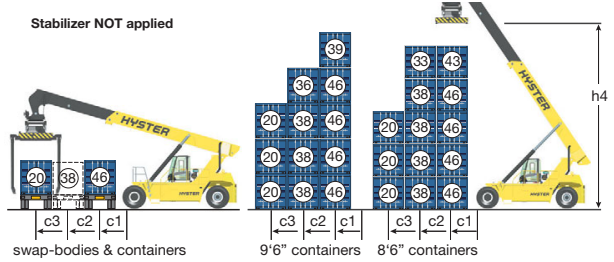


Note: All load centres c1, c2, c3 are taken from the front face of the (front) tyres, deduct 100mm for load centres taken from the front face of the Stabilizer.

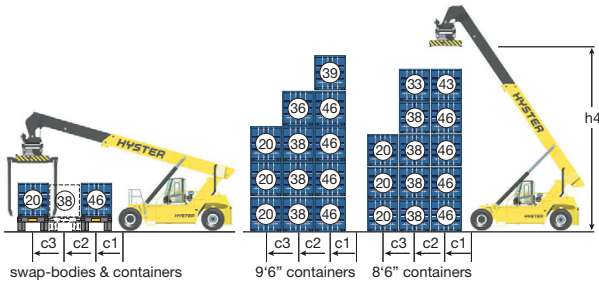
RS 46–33 IH Intermodal Spreader



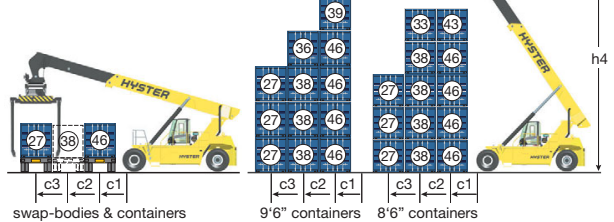
RS 46–38LS IH Intermodal Spreader



RS 46–38L IH Intermodal Spreader



Stabilizer applied (truck static)



Note: All load centres c1, c2, c3 are taken from the front face of the (front) tyres, deduct 100mm for load centres taken from the front face of the Stabilizer.

NOTE: Care must be exercised when handling elevated loads. When the load is elevated, truck stability is reduced.

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RS46-33 IH FORKLIFT

46.0T DIESEL 6.3M CONTAINER HANDLER



RS 45-24 IH - RS 46-38LS IH Intermodal Handlers

CHARACTERISTICS			HYSTER RS 45-24 IH			HYSTER RS 46-28 IH			HYSTER RS 46-33 IH			
			Diesel			Diesel			Diesel			
			45 000	24 000	11 000	45 000	28 000	12 000	46 000	33 000	17 000	
1.1	Manufacturer											
1.2	Model designation											
1.3	Power: battery, diesel, LPG, electric mains											
1.5	Load capacity first / second / third container row		0 (kg)									
	Load capacity first / second / third row, with Stabilizer applied (truck static)		0 (kg)									
1.6	Load centre first/second/third container row, from face of front tyres ♦		c1/c2/c3 (mm)			1 865 / 3 815 / 6 315			1 865 / 3 815 / 6 315			
1.8	Load distance to face of front tyres / front of Stabilizer		x (mm)			840 / NA			930 / NA			
1.9	Wheelbase		y (mm)			6 200			6 200			
WEIGHTS	2.1	Unladen weight		72 400			76 100			83 200		
	2.2	Axle loading at load centre c1, with rated load, front / rear		105 400 / 12 000		105 200 / 15 900		108 800 / 20 400				
	2.2	Axle loading at load centre c2, with rated load, front / rear		89 300 / 7 100		96 000 / 8 100		106 800 / 9 400				
	2.3	Axle loading at load centre c1, unloaded, front / rear		40 800 / 31 600		40 500 / 35 600		42 100 / 41 100				
2.3	Axle loading at load centre c2, unloaded, front / rear		47 300 / 25 100		47 000 / 29 100		48 600 / 34 600					
WHEELS & TYRES	3.1	Tyres: L=pneumatic, V=solid, SE=pneumatic-shaped solid		L								
	3.2	Tyre size, front		18.00 x 25			18.00 x 25			18.00 x 33		
	3.3	Tyre size, rear		18.00 x 25			18.00 x 25			18.00 x 33		
	3.5	Number of wheels front/rear (x = driven)		4X / 2			4X / 2			4X / 2		
	3.6	Track width, front		3 033			3 033			3 033		
3.7	Track width, rear		3 020			3 020			3 020			
DIMENSIONS	4.1	Boom angle minimum / maximum		0° / 59°			0° / 59°			0° / 59°		
	4.2	Boom height, minimum		4 700			4 700			4 760		
	4.3	Minimum distance spreader from ground ●		882			882			981		
	4.4	Maximum lift height under spreader, in first container row / second container row ●		14 780 / 13 375		14 780 / 13 375		14 880 / 13 375				
	4.5	Boom height, maximum		18 110			18 110			18 200		
	4.8	Seat height		2 555			2 555			2 645		
	4.19	Overall length		11 873			11 873			12 073		
	4.20	Length without boom		8 360			8 360			8 650		
	4.21	Overall width over front tyres		4 220			4 220			4 220		
	4.30	Sideshift movement, from centre to left / right		800 / 800			800 / 800			800 / 800		
	4.31	Ground clearance lowest point, without load		312			312			400		
	4.32	Ground clearance, center of wheelbase		495			495			585		
	4.34	90° Stacking Aisle 20' / 40', spreader central above front axle, without operating clearance †		9 817 / 12 569		9 817 / 12 569		9 977 / 12 569				
	90° Stacking Aisle 20' / 40', without operating clearance ♦		12 439 / 14 203		12 439 / 14 203		12 608 / 14 203					
	90° Stacking Aisle 20' / 40', with 200mm operating clearance ♦		12 639 / 14 403		12 639 / 14 403		12 808 / 14 403					
	90° Stacking Aisle 20' / 40', with 10% operating clearance according FEM TN01 ♦		13 683 / 15 623		13 683 / 15 623		13 869 / 15 623					
4.35	Turning radius		8 495			8 495			8 562			
PERFORMANCE	5.1	Travel speed with load / without load - with 224 kW Stage IIIA engine		20 / 23		20 / 23		20 / 23		25		
		Travel speed with load / without load - with optional 272 kW Stage IIIA engine		21 / 23		21 / 23		23 / 23		26		
		Travel speed with load / without load - with 276 kW Stage IIIB engine		20 / 22		20 / 22		21 / 21		23		
	5.2	Lifting speed with load (35 ton) / without load, first row average		0.24 / 0.47		0.24 / 0.47		0.24 / 0.47		0.47		
		Lifting speed with load (35 ton) / without load, first row average - with optional 272 kW Stage IIIA engine		0.27 / 0.47		0.27 / 0.47		0.27 / 0.47		0.47		
		Lifting speed with load (35 ton) / without load, first row average - with 276 kW Stage IIIB engine		0.27 / 0.47		0.27 / 0.47		0.27 / 0.47		0.47		
	5.3	Lowering speed with / without load		0.46 / 0.45		0.46 / 0.45		0.46 / 0.45		0.45		
	5.6	Maximum drawbar pull with load (with all engines)		378			378			378		
	5.7	Gradeability with load (with all engines) @1.6 km/h †		22 / 26		22 / 26		22 / 26		26		
	5.8	Maximum gradeability with load (with all engines) †		33		32		31				
5.10	Service brake		Oil immersed brakes			Oil immersed brakes			Oil immersed brakes			
POWER UNIT	7.1	Engine make and type		Cummins QSM11/QSL9			Cummins QSM11/QSL9			Cummins QSM11/QSL9		
	7.2	Engine power, in accordance with ISO1585, Stage IIIA: maximum @ 1800 rpm / nominal @ max. 2100 rpm		kW(hp)								
		Stage IIIA: maximum @ 1800 rpm / nominal @ max. 2100 rpm		kW(hp)								
	7.3	Governed maximum engine speed		2 100			2 100			2 100		
	7.4	Number of cylinders/displacement		Stage IIIA: QSM11: 6 / 10 800			Stage IIIA: QSM11: 6 / 10 800			Stage IIIB: QSL9: 6 / 8 900		
7.5	Fuel consumption, average		Stage IIIA QSM11: 20			Stage IIIB QSL9: 17						
OTHER	8.1	Drive control		4-speed autoshift SOH TE27 optional SOH TE32								
	8.2	Pressure for attachments		260			260			260		
	8.3	Oil flow for attachments		110			110			110		
	8.4	Noise level LpAZ, inside cab, according to DIN 45635 ○		70			70					
		Noise level LWAZ outside truck		Stage IIIA: QSM11: 112			Stage IIIB: QSL9: 109					
8.5	Towing coupling type		-			-			-			

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