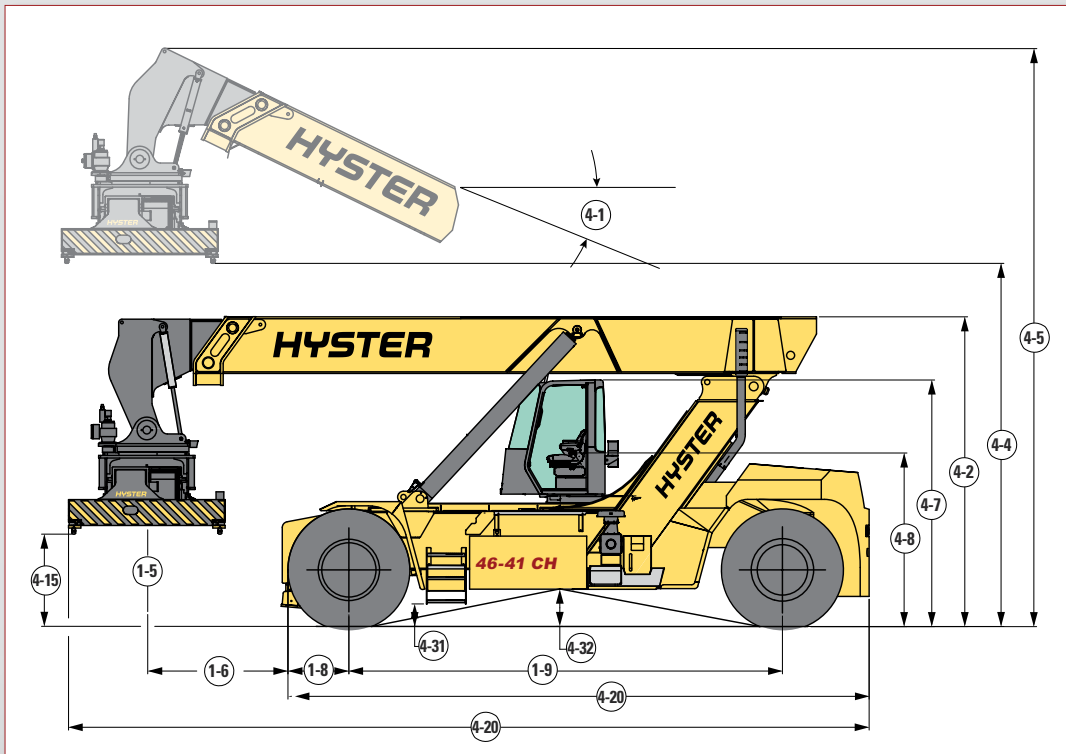


RS 46-41L CH FORKLIFT

46.0T DIESEL 3.8M CONTAINER HANDLER

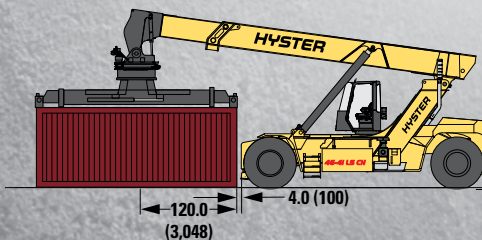


> DIMENSIONS

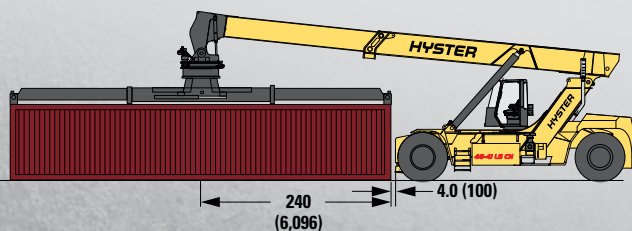


MODEL	20'		40'	
	lb	kg	lb	kg
RS46-29	71,000	32,000	31,000	14,000
RS46-33	77,000	35,000	35,000	16,000
RS46-36	93,000	42,000	44,000	20,000
RS46-41S	99,000	44,900	58,000	26,300
RS46-41L	99,000	44,900	58,000	26,300
RS46-41LS	99,000	44,900	58,000	26,300
RS46-41XLS	99,000	44,900	61,000	27,500

20'-0 END ON LIFTING CAPACITIES



40'-0 END ON LIFTING CAPACITIES



RS 46-41L CH FORKLIFT

46.0T DIESEL 3.8M CONTAINER HANDLER



RS46-41S / RS46-41L SPECIFICATIONS <

		HYSTER				HYSTER							
		RS46-41S CH				RS46-41L CH							
		Diesel				Diesel							
		Seated				Seated							
GENERAL	1-1	Manufacturer											
	1-2	Model designation											
	1-3	Powertrain / drivetrain											
	1-4	Operator type											
	1-5-1	Load capacity at load center distance c_1 without/stabilizer (1)	Q_1	lbs	kg	101,413	46,000	101,413	46,000	101,413	46,000	n/a	n/a
	1-5-2	Load capacity at load center distance c_2 without/stabilizer (1)	Q_2	lbs	kg	83,776	38,000	90,390	41,000	90,390	41,000	n/a	n/a
	1-5-3	Load capacity at load center distance c_3 without/stabilizer (1)	Q_3	lbs	kg	46,297	21,000	61,729	28,000	50,706	23,000	n/a	n/a
	1-6-1	Load center distance c_1 (2)	c_1	in	mm	73		1,865		73		1,865	
	1-6-2	Load center distance c_2 (2)	c_2	in	mm	150		3,815		150		3,815	
	1-6-3	Load center distance c_3 (2)	c_3	in	mm	249		6,315		249		6,315	
1-8	Load distance, ctr of drive axle to face of front tires / front of stabilizer	x	in	mm	37	930	41	1,030	37	930	n/a	n/a	
1-9	Wheelbase	y	in	mm	244		6,200		264		6,700		
1-10	Stacking height at first row (number x container height)	#	#	5 x 9' 6"				5 x 9' 6"					
WT.	2-1	Service weight		lbs	kg	184,306		83,600	182,102		82,600		
	2-2-1	Axle loading with load, front / rear at c_1		lbs	kg	232,367	105,400	53,352	24,200	227,958	103,400	55,556	25,200
	2-3-1	Axle loading without load, front / rear at c_1		lbs	kg	85,319	38,700	98,988	44,900	84,217	38,200	97,885	44,400
WHEELS	3-1	Tire type			Pneumatic				Pneumatic				
	3-2	Tire size, front			18.00-33 36PR				18.00-33 36PR				
	3-3	Tire size, rear			18.00-33 36PR				18.00-33 36PR				
		Wheels, number front / rear (X = driven wheels)			x4 / 2				x4 / 2				
	3-6	Tread, front	b_{10}	in	mm	146		3,703		146		3,703	
	3-7	Tread, rear	b_{11}	in	mm	120		3,060		120		3,060	
	4-1	Boom angle minimum / maximum		deg	deg	0 / 59				0 / 59			
DIMENSIONS	4-2	Height of boom lowered	h_1	in	mm	189		4,795		189		4,795	
	4-4-1	Lift height at load center c_1 (3)	$h_{3.1}$	in	mm	605		15,355		605		15,355	
	4-4-2	Lift height at load center c_2 (3)	$h_{3.2}$	in	mm	549		13,945		549		13,945	
	4-5	Height, boom extended	h_4	in	mm	717		18,205		717		18,205	
	4-7	Height of overhead guard (cabin)	h_5	in	mm	150		3,815		150		3,815	
	4-8	Seat height to SIP (4)	h_7	in	mm	104		2,650		104		2,650	
	4-15	Height under Twistlock - lowered (3)	h_{13}	in	mm	57		1,440		57		1,440	
	4-19	Overall length	l_1	in	mm	344		8,750		360		9,150	
	4-20	Overall length including boom retracted	l_2	in	mm	475		12,073		475		12,073	
	4-21-2	Overall width across all of truck	b_2	in	mm	165		4,200		165		4,200	
	4-21-3	Overall width across spreader 20'	$b_{1.20}$	in	mm	240		6,100		240		6,100	
	4-21-4	Overall width across spreader 40'	$b_{1.40}$	in	mm	480		12,200		480		12,200	
	4-31	Ground clearance, lowest point	m_1	in	mm	10		250		12		304	
	4-32	Ground clearance, center or wheelbase	m_2	in	mm	21		532		21		532	
4-34-3	Aisle width: 20' container (5)	Ast_{20}	in	mm	525		13,330		529		13,430		
4-34-4	Aisle width: 40' container (5)	Ast_{40}	in	mm	576		14,620		576		14,620		
4-35	Outside turning radius	W_6	in	mm	362		9,200		366		9,300		
4-36	Internal turning radius	b_{13}	in	mm	79		2,000		94		2,400		
PERFORMANCE	PERFORMANCE												
	CUMMINS QSL9 TIER 4F ENGINE - TE 32												
	5-1	Travel speed with / without load		mph	km/h	13.0	21	14.3	23	13.0	21	14.3	23
	5-2	Lifting speed with / without load		ft/min	m/s	55	0.28	94	0.48	55	0.28	94	0.48
	5-3	Lowering speed with / without load		ft/min	m/s	91	0.46	89	0.45	91	0.46	89	0.45
	5-7	Gradeability - 1 mph 1.6 km/h with / without load (6)		%	%	21	21	32	32	21	21	32	32
	CUMMINS QSM11 335HP TIER 3 ENGINE - TE 32												
	5-1	Travel speed with / without load		mph	km/h	12.4	20	14.9	24	12.4	20	14.9	24
	5-2	Lifting speed with / without load		ft/min	m/s	55	0.28	94	0.48	55	0.28	94	0.48
	5-3	Lowering speed with / without load		ft/min	m/s	91	0.46	89	0.45	91	0.46	89	0.45
	5-7	Gradeability - 1 mph 1.6 km/h with / without load (6)		%	%	21	21	32	32	21	21	32	32
	QSM11 300HP TIER 3 ENGINE - TE 27												
	5-1	Travel speed with / without load		mph	km/h	11.8	19	13.7	22	11.8	19	13.7	22
	5-2	Lifting speed with / without load		ft/min	m/s	49	0.25	94	0.48	49	0.25	94	0.48
	5-3	Lowering speed with / without load		ft/min	m/s	91	0.46	89	0.45	91	0.46	89	0.45
	5-7	Gradeability - 1 mph 1.6 km/h with / without load (6)		%	%	18	18	32	32	18	18	32	32

- (1) Load capacities shown with mechanical pile slope (MPS) spreader. Deduction for using powered pile slope spreader is approx. 2,000 lbs. (900 kg)
- (2) From face of front tires.
- (3) With Mechanical Pile Slope (MPS). For optional Powered Pile Slope (PPS) function: deduct 12.2 in (310 mm).
- (4) Full suspension seat in depressed position.
- (5) Spreader at 315 in (8.0 m) high, central above front axle; container 0 in/mm in front of tires; includes 2 x 4 in (100 mm) clearance.
- (6) Gradeability figures provided for comparison of tractive performance, but are not intended to endorse the operation of vehicle on the stated inclines.