



REACHSTACKER CONTAINER HANDLERS

RS 45-27 CH, RS 45-31 CH, RS 46-36 CH RS 46-41L CH, RS 46-41S CH, RS 46-41LS CH

REACHSTACKER INTERMODAL HANDLERS

RS 45-24 IH, RS 45-28 IH, RS 46-33 IH RS 46-38L IH, RS 46-38S IH, RS 46-38LS IH





RS 45-27 CH - RS 46-411S CH CONTAINER HANDIERS

1.1	Manufacturer (abbreviation)		нуѕ	TER	HYST	TER	HYS	TER
1.2	Manufacturer's type designation		RS 45-	-27 CH	RS 45-	31 CH	RS 46-36 CH	
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Die	sel	Die	sel	Die	sel
1.4	Operator type: hand, pedestrian, standing, seated, orderpicker		Sea		Sea		Sea	
1.5.1	Load capacity at load centre distance c 1	Q1(t)		5	4		41	
1.5.2	Load capacity at load centre distance c 2	Q2(t)	2		3		31	
1.5.3	Load capacity at load centre distance c 3	03(t)		3		6	19	
1.5.1.s	Load capacity at load center c 1 (stabilizer applied)	Q1(t)			-		-	
1.5.2.s 1.5.3.s	Load capacity at loadcenter c 2 (stabilizer applied) Load capacity at loadcenter c 3 (stabilizer applied)	02(t) 03(t)			-		-	
1.6.1	Load centre distance 1 ◆	c1 (mm)		165	1,8		1,8	
1.6.2	Load centre distance 2 ◆	c2 (mm)		115		15	3,8	
1.6.3	Load centre distance 3 ◆	c3 (mm)	6,3		6,3		6,3	
1.8	Load distance, centre of drive axle to face of front tyres / front of Stabilizer	x (mm)	835		835 /		930 /	
1.9	Wheelbase	y (mm)	6,2		6,2		6,2	00
1.10	Stacking height at first row (number x container height, in feet)		5 x 9	9′ 6″	5 x 9	9′ 6″	5 x 9	6"
2.1	Service weight	kg	68,		72,3		79,3	
2.2.1	Axle loading, laden front / rear at c 1	kg	99,900 87,800	13,600 7,700	99,600	17,600 8,700	103,200 105,300	22,100
2.2.2	Axle loading, laden front / rear at c 2 Axle loading, unladen front / rear at c 1	kg ka	35,300	33,200	94,500 35,000	37,200	36,500	42,800
2.3.1	Axie loading, unladen front / rear at c 1 Axie loading, unladen front / rear at c 2	kg kg	40,500	28,000	40,300	31,900	41,700	37,600
2.5.2	, and reading, dilución none, four at o 2	ky	10,300	20,000	10,000	01,000	71,700	57,000
3.1	Tyres: L = pneumatic, V = solid, SE = pneumatic-shaped solid				ı		L	
3.2	Tyres size, front		18.00) x 25	18.00	x 25	18.00	x 33
3.3	Tyres size, rear		18.00) x 25	18.00	x 25	18.00	x 33
3.5	Wheels, number front/rear (X = driven wheels)		x 4	/ 2	x 4	/ 2	x 4	/ 2
3.6	Tread, front	mm	3,7	103	3,7	03	3,7	03
3.7	Tread, rear	mm	3,0	160	3,0	60	3,06	60
4.1	Boom angle minimum / maximum	dograps (°)	0°	59°	0°	59°	0°	59°
4.1	Height, boom lowered	degrees (°) h, (mm)	4,7		4,7		4,7	
4.4.1	Lift height at load centre c 1 ●	h ₃₁₁ (mm)	15,		15,		15,3	
4.4.2	Lift height at load centre c 2 •	h _{3.1.2} (mm)	13,		13,		13,9	
4.5	Height, boom extended	h, (mm)	18,		18,		18,2	
4.7	Height of overhead guard (cabin)	h _e (mm)		20	3,7		3,8	
4.8	Seat height relating to SIP •	h, (mm)	2,5	i55	2,5	55	2,6	50
4.15	Height, lowered ●	h ₁₃ (mm)	1,3	345	1,3	45	1,4	40
4.19	Overall length	I ₁ (mm)	8,3	860	8,3	60	8,6	50
4.20	Overall length including boom retracted	I ₂ (mm)	11,	873	11,8	873	12,0	073
4.21.2	Overall width across all	b ₂ (mm)	4,2	200	4,2	00	4,2	00
4.21.3	Overall width across spreader 20'	b _{1.20} (mm)	6,1	00	6,1	00	6,1	00
4.21.4	Overall width across spreader 40'	b _{1.40} (mm)	12,		12,3		12,2	
4.31	Ground clearance lowest point	m ₁ (mm)		35	28		30	
4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	43		43		53	
4.34.3.1	1 -	A _{st 20} (mm)		117	9,8		9,9	
4.34.3.2		A _{st 20} (mm)		439	12,4		12,6	
4.34.3.4	1 - 2	A _{st 20} (mm) A _{st 20} (mm)	12,	683	12,0		12,8	
4.34.4.1		A _{st 20} (mm)		569	12,		12,5	
4.34.4.1		A _{st 40} (mm)	\vdash	203	14,3		14,2	
4.34.4.3	1 -	A _{st 40} (mm)		403	14,4		14,4	
4.34.4.4		A _{st 40} (mm)	15,		15,1		15,6	
4.35	Turning radius	W _a (mm)		195		95	8,5	
4.36	Internal turning radius	b ₁₃ (mm)	2,6	90	2,6	90	2,69	90
E 1	Travel aread leden/unleden **	1 //	20	22	20	22	21	00
5.1 5.2	Travel speed, laden/unladen ★ Lift speed, laden/unladen ▶	km/h m/s	0.28	0.48	0.28	22 0.48	21 0.28	23 0.48
5.3	Lowering speed laden / unladen	m/s	0.26	0.46	0.26	0.46	0.26	0.45
5.7	Gradeability laden/unladen †	%		6	0.40		2:	
5.9	Acceleration time, laden/unladen	sec		quest	On Re		On Re	
5.10	Service brake			rsed disc	Oil-imme		Oil-imme	
	THE RESERVE OF THE PARTY OF THE							
	Operating presure for attachments	mPa	14	l.0	14	.0	14	.0
10.1	Oil volume for attachements	I/min		10	11		11	
10.2			I 6'	25	62	25	62	25
10.2 10.3	Hydraulic oil tank, capacity						-	
10.2 10.3 10.4	Hydraulic oil tank, capacity Fuel tank, capacity	1	83	30	83		83	
10.2 10.3 10.4 10.4.1	Hydraulic oil tank, capacity Fuel tank, capacity DEF tank, capacity		83	30 7	5	7	57	7
10.2 10.3 10.4	Hydraulic oil tank, capacity Fuel tank, capacity	1	83 5 Hydro	30		7 static		7 static

11 400/ 1 1 1 0			,403	14,403		,	403
er with 10% operating clearance 💠 🛚	A _{st 40} (mm)	15,	,623	15,0	623	15,0	623
	W _a (mm)	8,4	495	8,4	95	8,5	62
	b ₁₃ (mm)	2,1	690	2,6	90	2,690	
The second secon		-					
ı *	km/h	20	22	20	22	21	23
	m/s	0.28	0.48	0.28	0.48	0.28	0.48
aden	m/s	0.46	0.45	0.46	0.45	0.46	0.45
t	%	26		2	5	2	3
laden	sec	On Request		On Request		On Re	quest
		Oil-immersed disc		Oil-immersed disc		Oil-immersed disc	
THE RESERVE TO SHARE STATE							
hments	mPa	14.0		14.0		14.0	
5	I/min	1	10	110		110	
	1	6	25	62	25	62	25
	1	8	30	83	30	83	30
	1	į	57	5	7	5	7
		Hydro	ostatic	Hydro	static	Hydro	static
driver's seat L _{PAZ}	dB(A)	7:	3.9	73	1.9	73	.9
ne workcycle L _{WAZ}	dB(A)	On Request		On Re	quest	On Re	quest
		2000					
	-	30000	-			_	

	1.1	HYSTER	HYSTER	HYSTER
	1.2	RS 46-41LS CH	RS 46-41S CH	RS 46-41L CH
	1.3	Diesel	Diesel	Diesel
	1.4	Seated	Seated	Seated
	1.5.1	46	46	46
DISTINGUISHING MARKS	1.5.2	41	38	41
	1.5.3	23	21	23
2	1.5.1.s	46	46	-
<u> </u>	1.5.2.s	41	41	-
	1.5.3.s	30	28	-
20	1.6.1	1,865	1,865	1,865
	1.6.2	3,815	3,815	3,815
	1.6.3	6,315	6,315	6,315
	1.8	930 / 1030	930 / 1030	930 / NA
	1.9	6,700	6,200	6,700
	1.10	5 x 9′ 6″	5 x 9′ 6″	5 x 9′ 6″

82,	600	83,	600	84,6	2.1		
103,400	25,200	105,400	24,200	105,600	25,000	2.2.1	[≥
113,100	10,500	111,900	10,200	115,300	10,300	2.2.2	WEIGHTS
38,200	44,400	38,700	44,900	40,400	44,200	2.3.1	Z
43,000	39,600	43,900	39,700	45,300	39,300	2.3.2	

L	L	L	3.1	
18.00 x 33	18.00 x 33	18.00 x 33	3.2	₹
18.00 x 33	18.00 x 33	18.00 x 33	3.3	RES/
x4/2	x 4 / 2	x 4 / 2	3.5	🖁
3,703	3,703	3,703	3.6	SISS
3,060	3,060	3,060	3.7	

0°	59°	0°	59°	0°	59°	4.1	
4,79	5	4,7	795	4,7	95	4.2	
15,35	55	15,	355	15,	355	4.4.1	
13,94	45	13,945		13,945		4.4.2	
18,20	05	18,	205	18,	205	4.5	
3,81	5	3,8	315	3,8	115	4.7	
2,65	0	2,6	650	2,6	50	4.8	
1,44	0	1,4	140	1,4	40	4.15	
9,15	0	8,7	750	9,2	250	4.19	
12,57	73	12,	073	12,	573	4.20	
4,20	0	4,2	200	4,200		4.21.2	
6,10	0	6,100		6,100		4.21.3	DIMENSIONS
12,20	00	12,200		12,	200	4.21.4	2
304	1	250		25	50	4.31	ᇙᅵ
532	2	532		53	32	4.32	
10,47	77	9,977		10,477		4.34.3.1	
12,60	08	12,	608	12,608		4.34.3.2	
12,80	08	12,	808	12,	808	4.34.3.3	
13,86	69	13,	869	13,869		4.34.3.4	
12,56	69	12,	569	12,	569	4.34.4.1	
14,20	03	14,	203	14,	203	4.34.4.2	
14,40	03	14,	403	14,	403	4.34.4.3	
15,62	23	15,	623	15,	623	4.34.4.4	
9,06	9,062 8,562		562	9,062		4.35	
2,69	0	2,6	690	2,6	90	4.36	

Oil-immersed disc		Oil-immersed disc		Oil-immersed disc		5.10	IA
On Request		On Request		On Request		5.9	DFATA
21		21		21		5.7	
0.46	0.45	0.46	0.45	0.46	0.45	5.3	PERFORMANCE
0.28	0.48	0.28	0.48	0.28	0.48	5.2	쿨
21	23	21	23	21	23	5.1	3

14.0	14.0	14.0	10.1	
110	110	110	10.2	
625	625	625	10.3	ADDITIONAL DATA
830	830	830	10.4	3
57	57	57	10.4.1	
Hydrostatic	Hydrostatic	Hydrostatic	10.5	
73.9	73.9	73.9	10.7	•
On Request	On Request	On Request	10.7.1	

Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. Inform your dealer of the nature and condition of the intended operating area when purchasing your HysterTruck.

- ◆ From face of front tyres. Deduct 100 mm for loadcentre from front side of Stabilizer when applicable
- For CH models only: With optional PPS (Powered Pile Slope) function: deduct 310 mm
- Full suspension seat in depressed position
- ▲ Spreader at 8.0 m high, central above front axle
- These data are with the container carried 500 mm in front of
- the wheels (load centre 1720 mm)
- ¶ Stacking aisle width is based on the VDI standard calculation as shown on illustration. The British Industrial Truck Association recommends the addition of 100 mm to the total clearance (dimension a) for extra operating margin at the rear of truck.
- * Travel speed laden/unladen limited at 25 km/h as factory default.
- First row average, laden (35 ton) / unladen
- † at 1,6 km/h. Gradeability figures are provided for comparison of tractive performance, but are not intended to endorse the operation of vehicle on the stated inclines.
- without additional fan in HIP mode 71.3 db(A) without additional fan in ECO-eLo mode 70.7 db(A

All capacities are according to EN1459

All specifications and capacities are valid for trucks equipped with a Hyster container handling spreader for handling ISO containers.

NOTICE:

Care must be exercised when handling elevated loads. When the carriage and/or load is elevated, truck stability is reduced. It is important that the mast tilt in either direction is kept to a minimum when loads are elevated.

Operators must be trained and must read, understand and follow the instructions contained in the Operating Manual.

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.

Hyster products are subject to change without notice.

Lift trucks illustrated may feature optional equipment. Values may vary with alternative configurations.



C C Safety: This truck conforms to the current EU requirements.

Specification data is based on VDI

RS 45-24 IH - RS 46-38LS IH INTERMODAL HANDLERS

ПG	4J-	24 IH - K5 46-38L5 IH INTERMUDAL	IIANDLLII	U					
	1.1	Manufacturer (abbreviation)		нуѕ	TER	нуѕт	TER	нуѕ	TER
	1.2	Manufacturer's type designation		RS 45-		RS 45		RS 46	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Die		Die		Diesel	
	1.4	Operator type: hand, pedestrian, standing, seated, orderpicker Load capacity at load centre distance c 1	01/+)	Sea		Sea		Seated	
SE	1.5.1	Load capacity at load centre distance c 1 Load capacity at load centre distance c 2	Q1(t) Q2(t)	2		45 28		46 33	
3	1.5.3	Load capacity at load centre distance c 2	03(t)	1		1			7
GUISHING MARKS	1.5.1.s	Load capacity at loadcenter c 1 (stabilizer applied)	Q1(t)						
e	1.5.2.s	Load capacity at loadcenter c 2 (stabilizer applied)	Q2(t)			-			
DISTIN	1.5.3.s	Load capacity at loadcenter c 3 (stabilizer applied)	Q3(t)	-		-			
	1.6.1	Load centre distance 1 ◆	c1 (mm)	1,8	65	1,8	65	1,8	65
	1.6.2	Load centre distance 2 ◆	c2 (mm)	3,8		3,8		3,8	
	1.6.3	Load centre distance 3 ◆	c3 (mm)	6,3		6,3		6,3	
	1.8	Load distance, centre of drive axle to face of front tyres / front of Stabilizer	x (mm)	835 /		835 /		930	
	1.9	Wheelbase Stacking height at first row (number x container height, in feet)	y (mm)	6,2 5 x 9		6,2 5 x 9		6,2 5 x 9	
	1.10	Statisting height at histrow (humber & container height, in reet)		3,43	1 0	37.5	10	3 % 3	0
	2.1	Service weight	kg	72,4	100	76,	100	83,	200
2	2.2.1	Axle loading, laden front / rear at c 1	kg	105,400	12,000	105,200	15,900	108,800	20,400
WEIGHTS	2.2.2	Axle loading, laden front / rear at c 2	kg	89,300	7,100	96,000	8,100	106,800	9,400
3	2.3.1	Axle loading, unladen front / rear at c 1	kg	40,800	31,600	40,500	35,600	42,100	41,100
	2.3.2	Axle loading, unladen front / rear at c 2	kg	47,300	25,100	47,000	29,100	48,600	34,600
	3.1	Tyres: I - pneumatic V - solid SE - pneumatic shaped solid				l			
Sis	3.1	Tyres: L = pneumatic, V = solid, SE = pneumatic-shaped solid Tyres size, front		18.00		18.00		18.00	
TYRES / CHASSIS	3.3	Tyres size, rear		18.00		18.00		18.00	
s/c	3.5	Wheels, number front/rear (X = driven wheels)		x 4		x 4		x 4	
	3.6	Tread, front	mm	3,7	03	3,7	03	3,7	03
Ė	3.7	Tread, rear	mm	3,0	60	3,0	60	3,0	60
-		Para and arising the singer	4(0)	00	F00	00	F00	00	F00
	4.1	Boom angle minimum / maximum Height, boom lowered	degrees (°) h, (mm)	0° 4,7	nn 59°	0° 4,7	59°	0° 4,7	59°
	4.4.1	Lift height at load centre c 1 ●	h ₃₁₂ (mm)	14,7		14,7		14,7	
	4.4.2	Lift height at load centre c 2 •	h _{3.1.2} (mm)	13,3		13,		13,470	
	4.5	Height, boom extended	h ₄ (mm)	18,1		18,		18,	
	4.7	Height of overhead guard (cabin)	h ₆ (mm)	3,7	20	3,7	20	3,8	15
	4.8	Seat height relating to SIP •	,		55	2,5	55	2,650	
	4.15	Height, lowered ●	h ₁₃ (mm)	88	5	88	15	98	
	4.19	Overall length	I ₁ (mm)	8,3		8,3		8,6	
	4.20 4.21.2	Overall length including boom retracted Overall width across all	I ₂ (mm)	11,8		11,8		12,	
2	4.21.2	Overall width across sin	b ₂ (mm) b ₁₂₀ (mm)	6,1		6,1		4,2 6,1	
DIMENSIONS	4.21.4	Overall width across spreader 40'	b _{1.40} (mm)	12,2		12,3		12,	
	4.31	Ground clearance lowest point	m, (mm)	28		28		3(
-	4.32	Ground clearance, centre of wheelbase	m ₂ (mm)	43	17	43	37	50	32
	4.34.3.1	Aisle width with 20' container without operating clearance ▲ ¶	A _{st 20} (mm)	9,8	17	9,8	17	9,9	77
	4.34.3.2	Aisle width with 20' container without operating clearance ❖ ¶	A _{st 20} (mm)	12,4	139	12,4	139	12,	608
		Aisle width with 20' container with 200 mm operating clearance * ¶	A _{st 20} (mm)	12,6		12,0		12,	
		Aisle width with 20' container with 10% operating clearance • ¶	A _{st 20} (mm)	13,6		13,		13,	
		Aisle width with 40' container without operating clearance 4 1 Aisle width with 40' container without operating clearance • 1	A _{st 40} (mm) A _{st 40} (mm)	12,5		12,		12, 14,	
		Aisle width with 40' container with 200 mm operating clearance * ¶	A _{st 40} (mm)	14,4		14,4		14,	
		Aisle width with 40' container with 10% operating clearance ❖ ¶	A _{st 40} (mm)	15,6		15,0		15,	
	4.35	Turning radius	W _a (mm)	8,4	95	8,4	95	8,5	62
	4.36	Internal turning radius	b ₁₃ (mm)	2,6	90	2,6	90	2,6	90
1	5.1	Travel speed, laden/unladen *	km/h	20	22	20	22	21	23
H	5.2 5.3	Lift speed, laden/unladen	m/s	0.28	0.48 0.45	0.27 0.46	0.47	0.27 0.46	0.47
₹	5.7	Lowering speed laden / unladen Gradeability laden/unladen †	m/s	0.46		0.46			2 0.45
PERFORMANCE DATA	5.9	Acceleration time, laden/unladen	sec sec	On Re		On Re		On Re	
E	5.10	Service brake		Oil-imme		Oil-imme			rsed disc
		THE RESERVE THE PARTY OF THE PARTY.							
	10.1	Operating presure for attachements	MPa	14	.0	14	.0	14	.0
	10.2	Oil volume for attachements	l/min	11	0	11	0	11	0
M	10.3	Hydraulic oil tank, capacity	1	62	5	62	5	62	25
ADDITIONAL DATA	10.4	Fuel tank, capacity	1	83		83		83	
	10.4.1	DEF tank, capacity	1	5		5		5	
8	10.5	Steering design	ID(A)	Hydro		Hydro		Hydro	
	10.7	Sound pressure level at the driver's seat LPAZ Sound power level during the worksyste Lwaz	dB(A)	73 On Re		73 On Re		73 On Re	
	10.7.1	Sound power level during the workcycle L _{WAZ}	UD(A)	Uli Ke	quesi	On Re	quest	UII Ke	quest

Specification	data	is	hased	on	VDI	2198

HYSTER	HYSTER	HYSTER	1.1	
RS 46-38L IH	RS 46-38S IH	RS 46-38LS IH	1.2	
Diesel	Diesel	Diesel	1.3	
Seated	Seated	Seated	1.4	
46	46	46	1.5.1	Ŀ
38	35	38	1.5.2	0
20	18	20	1.5.3	2
-	46	46	1.5.1.s	ď
-	38	38	1.5.2.s	DISTINGUISHING MAKKS
-	25	27	1.5.3.s	į
1,865	1,865	1,865	1.6.1	6
3,815	3,815	3,815	1.6.2	
6,315	6,315	6,315	1.6.3	
930 / NA	930 / 1030	930 / 1030	1.8	
6,700	6,200	6,700	1.9	
5 x 9′ 6″	5 x 9′ 6″	5 x 9′ 6″	1.10	

86,	500	87,	500	88,	2.1		
108,800	23,700	111,000	22,500	111,000	23,500	2.2.1	١
114,500	10,000	112,500	10,000	116,700	9,800	2.2.2	WEIGHTS
43,600	42,900	44,200	43,300	45,800	42,700	2.3.1	ᇙᅵ
49,600	36,900	50,700	36,800	51,900	36,600	2.3.2	

L	L	L	3.1	
18.00 x 33	18.00 x 33	18.00 x 33	3.2	TYRES
18.00 x 33	18.00 x 33	18.00 x 33	3.3	
x4/2	x 4 / 2	x 4 / 2	3.5	8
3,703	3,703	3,703	3.6	CHASSIS
3,060	3,060	3,060	3.7	

0°	59°	0°	59°	0°	59°	4.1	
4,7	4,795		4,795		4,795		
14,	14,875		14,875		14,875		
13,470		13,470		13,470		4.4.2	
18,	205	18,205		18,205		4.5	
3,8	315	3,815		3,815		4.7	
2,6	650	2,6	2,650		2,650		
98	30	98	30	9	80	4.15	
9,1	50	8,7	50	9,:	250	4.19	
12,	573	12,	073	12,	12,573		
4,2	200	4,200		4,200		4.21.2	
6,1	6,100		6,100		6,100		DIMENSIONS
12,200		12,200		12,200		4.21.4	S I
304		250		250		4.31	
55	532		532		32	4.32	
10,477		9,977		10,477		4.34.3.1	
12,608		12,608		12,608		4.34.3.2	
12,	808	12,808		12,808		4.34.3.3	
13,	869	13,869		13,869		4.34.3.4	
12,	569	12,569		12,569		4.34.4.1	
14,203		14,203		14,203		4.34.4.2	
14,403		14,403		14,403		4.34.4.3	
15,623		15,623		15,623		4.34.4.4	
9,173		8,562		9,173		4.35	
2,690		2,6	90	2,	690	4.36	
	_				-	-	

21	23	21	23	21	23	5.1	2
0.27	0.47	0.27	0.47	0.27	0.47	5.2	콩
0.46	0.45	0.46	0.45	0.46	0.45	5.3	PERFORMANCE
22		22		22		5.7	
On Request		On Request		On Request		5.9	ÜFATA
Oil-immersed disc		Oil-immersed disc		Oil-immersed disc		5.10	

14.0	14.0	14.0	10.1	
110	110	110	10.2	
625	625	625	10.3	
830	830	830	10.4	
57	57	57	10.4.1	
Hydrostatic	Hydrostatic	Hydrostatic	10.5	ADDITIONAL DATA
73.9	73.9	73.9	10.7	- 1
On Request	On Request	On Request	10.7.1	

Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. Inform your dealer of the nature and condition of the intended operating area when purchasing your HysterTruck.

- ◆ From face of front tyres. Deduct 100 mm for loadcentre from front side of Stabilizer when applicable
- For CH models only: With optional PPS (Powered Pile Slope) function: deduct 310 mm
- Full suspension seat in depressed position
- ▲ Spreader at 8.0 m high, central above front axle
- These data are with the container carried 500 mm in front of the wheels (load centre 1720 mm)
- ¶ Stacking aisle width is based on the VDI standard calculation as shown on illustration. The British Industrial Truck Association recommends the addition of 100 mm to the total clearance (dimension a) for extra operating margin at the rear of truck.
- * Travel speed laden/unladen limited at 25 km/h as factory default.
- First row average, laden (35 ton) / unladen
- † at 1,6 km/h. Gradeability figures are provided for comparison of tractive performance, but are not intended to endorse the operation of vehicle on the stated inclines.
- without additional fan in HIP mode 71.3 db(A) without additional fan in ECO-eLo mode 70.7 db(A
- Side shift

All capacities are according to EN1459

All specifications and capacities are valid for trucks equipped with a Hyster container handling spreader for handling ISO containers.

NOTICE:

Care must be exercised when handling elevated loads. When the carriage and/or load is elevated, truck stability is reduced. It is important that the mast tilt in either direction is kept to a minimum when loads are elevated.

Operators must be trained and must read, understand and follow the instructions contained in the Operating Manual.

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.

Hyster products are subject to change without notice.

Lift trucks illustrated may feature optional equipment. Values may vary with alternative configurations.

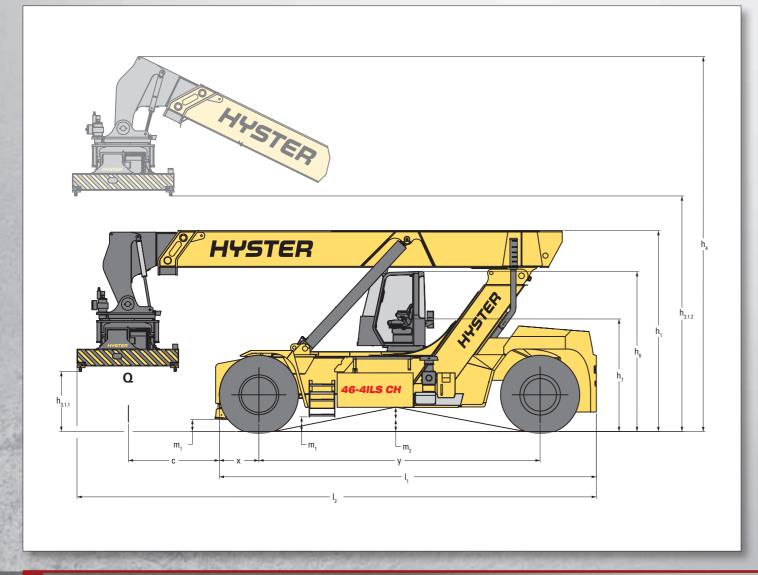


C C Safety: This truck conforms to the current EU requirements.

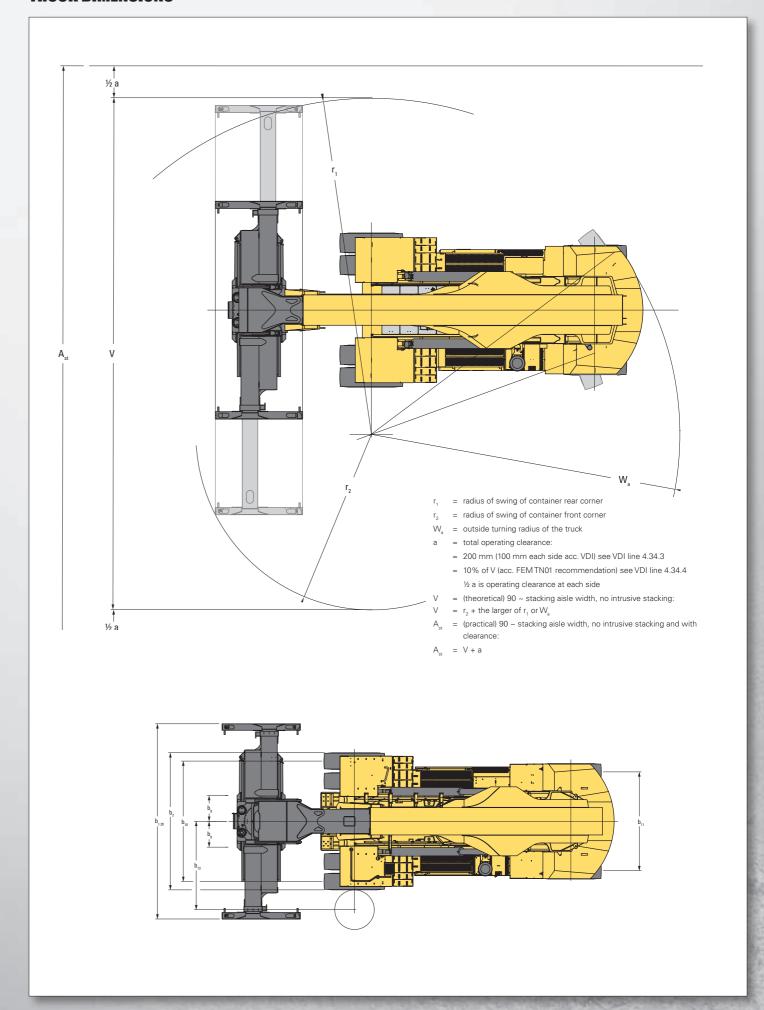
POWERTRAINS

<u> </u>	1.1	Manufacturer (abbreviation)		HYSTER	HYSTER				
GNATIO	1.2	Manufacturer's type designation		RS CH	RS IH				
ESI	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel	Diesel				
	7.1	Engine manufacturer / type Stage IV		Cummins QSL9	Cummins QSL9				
	7.2	Engine power according to ISO 1585 Stage IV	kW @ RPM	261 @ 2100	261 @ 2100				
	7.2.1	Max. engine power according to ISO 1585 Stage IV	kW @ RPM	283 @ 1900	283 @ 1900				
POWER UNIT	7.3	Rated speed	min-1	2,100	2,100				
튙	7.3.1	Torque at 1/min Stage IV	Nm/min-1	1627 @ 1500	1627 @ 1500				
	7.4	Number of cylinders / displacement Stage IV	(-) / cm ³	6 / 8900	6 / 8900				
	7.5.1	Fuel consumtion according to VDI cycle	l/h	On Request	On Request				
	8.1	Type of drive unit		Torque Converter	Torque Converter				
TRAIN	8.2.1	Transmission manufacturer / type		Spicer Off-Highway / TE-32	Spicer Off-Highway / TE-32				
	8.6	Wheel drive / drive axle manufacturer/type		Kessler / D102PL341/528-NLB	Kessler / D102PL341/528-NLB				
	8.11	Service brake		Oil immersed disc	Oil immersed disc				
	8.12	Parking brake		Dry disc on drive axle	Dry disc on drive axle				
	9.1	Manufacturer / type		Elme / 817	Elme / 857				
	9.1.1	Pile slope spreader, mechanical without PPS	٥	3	3				
	9.1.2	Pile slope spreader, mechanical with PPS	۰	1.5	1,5				
冒	9.1.3	Pile slope spreader, Power Pile Slope	۰	6	6				
SPREADER	9.3	Size of containers	feet (´)	ISO 20' - 40'	ISO 20' - 40'				
"	9.4	Side thrust ■	b ₈ (mm)	800 / 800	800 / 800				
	9.6.1	Rotation angle, without override	۰	+12 / -12	+12 / -12				
	9.6.2	Rotation angle, with override	۰	+185 / -95	+185 / -95				

TRUCK DIMENSIONS

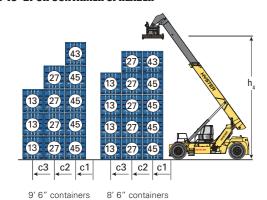


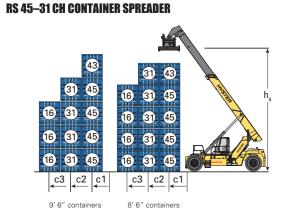
TRUCK DIMENSIONS



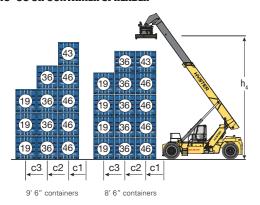
RATED CAPACITIES AND STACKING HEIGHTS – CONTAINER HANDLERS

RS 45-27 CH CONTAINER SPREADER

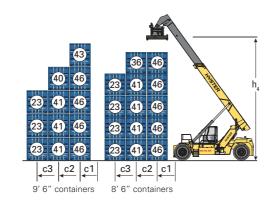




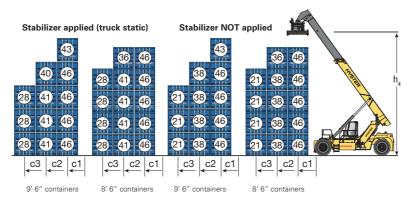
RS 46-36 CH CONTAINER SPREADER



RS 46-41L CH CONTAINER SPREADER

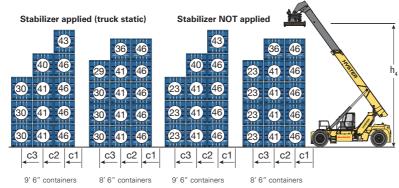


RS 46-41S CH CONTAINER SPREADER



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 46-41LS CH CONTAINER SPREADER

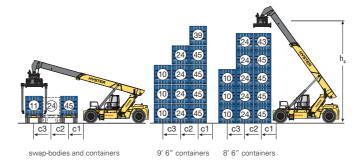


Note: All load centres c1, c2, c3 are taken from the front face of the (front) tyres. deduct 100mm for load centres taken from the front face of the Stabilizer

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

RATED CAPACITIES AND STACKING HEIGHTS - INTERMODAL HANDLERS

RS 45-24 IH INTERMODAL SPREADER



13 23 45

13 28 45

c3 c2 c1

9' 6" containers 8' 6" containers

13 28 45

13 23 45

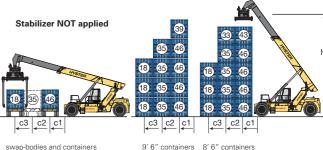
c3 c2 c1

20 33 46

9' 6" containers 8' 6" containers

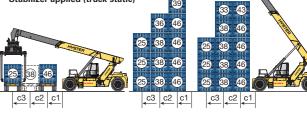
c3 c2 c1

RS 46-38S IH INTERMODAL SPREADER



swap-bodies and containers

Stabilizer applied (truck static)

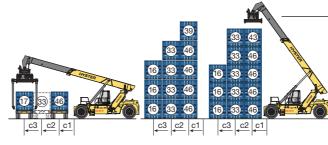


Note: All load centres c1, c2, c3 are taken from the front face of the (front) tyres, deduct 100mm for load centres taken from the front face of the Stabilizer.

RS 46-33 IH INTERMODAL SPREADER

swan-hodies and containers

RS 45-28 IH INTERMODAL SPREADER

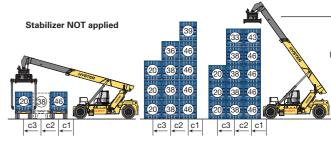


swap-bodies and containers

swap-bodies and containers

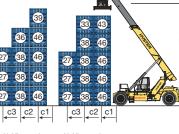
RS 46-38L IH INTERMODAL SPREADER

RS 46-38LS IH INTERMODAL SPREADER



swap-bodies and containers

Stabilizer applied (truck static)



9

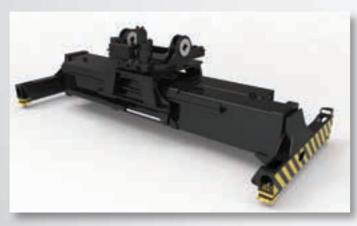
swap-bodies and containers

9' 6" containers 8' 6" containers

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.

FRONT END EQUIPMENT



20'-40' telescopic ISO top pick spreader with mechanical pile slope



20'-40' telescopic spreader with powered pile slope and foldable 'Piggy back' legs in



20'-40' telescopic ISO top pick spreader with powered pile slope



20'-40' telescopic spreader with powered pile slope and foldable 'Piggy back' legs out

STANDARD AND OPTIONAL EQUIPMENT

STANDARD EQUIPMENT:

- Cummins QSL 9L 261 / max. 283 KW @ 1.900 rpm Turbo Diesel Engine
- Stage IV Compliant
- ECO-eLo / HiP performance modes
- Hibernate Idle
- Hydraulically driven cooling fan
- DANA Spicer Off-Highway TE-32 4 Speed Auto-shifting transmission
- Automatic 'rev-up' function when
- If not in gear or when the inching pedal is depressed, the engine automatically revs up, (up to 1800 rpm) when lifting
- When in gear, the 'auto-rev-up' function is disengaged
- 2 Stage Boom Integrated CH Spreader, ELME Model 817 with Mechanical Pile Slope

- Integrated IH Spreader, ELME Model 857 with Powered Pile Slope and Powered dampening for Intermodal Handlers
- Wet Disc Brakes
- Kessler D102 PL 341/528 NLB Drive Axle
- Steer Axle with Tyre Life **Enhancement System**
- Power-on-Demand Load Sensing Hydraulic System featuring Variable Displacement Pump Technology
- Directional Control Lever
- Tyres Drive and Steer
- 18.00 25 40PR Standard pneumatic
- 18.00 33 36PR Standard pneumatic
- Steer Wheel Nut Protection
- Vista cab featuring:
- Seat-Side, Joystick Hydraulic Control
- Multifunctional Display Panel
- -Telescoping & Tilting Steering Column
- 900 mm sliding cab
- Floor Mat

- Isolated Mounting for Low Noise and Vibration
 - Handrails for Operator Entry and Exit (Left Side)
 - Steering Wheel Spinner Knob
 - Air Compressor Horn
 - Heater with 3 speed fan
 - Front and rear window defrosters
 - H-type double Front screen wiper
 - -Top and Rear Wipers
 - Recirculation Fan
 - 3B6 Load Moment Indicator with Monochrome Display
 - 3B6 Load Moment Indicator with colour Display for 'S' models
 - Mechanical, Full Suspension Cloth Seat with integrated adjustable armrest, high backrest, head rest and seat belt
 - Electronic Twist Lock Position Indicator with L.E.D. Signals and Audible Tone (TWIST Module)

- Interior Wide Angle Mirrors
- External Wide Angle Mirrors Mounted on Front Fenders
- Operator Presence System
- Lockable Battery Disconnect Switch
- 24 V Electrical System
- 120 amp Alternator
- Lifting Eyes to Hoist Complete Truck
- Light Kit 1, consisting of:
- Front: 4 Halogen Work Lights, Fender Mounted
- 2 Marker Lights
- 4 Halogen Lights Boom Mounted

- Rear: 2 Rear Mounted Halogen Lights
- 2 Stop/Tail/Backup Lights Turn Signal & Hazard Lights
- Spreader: 2 Halogen Work Lights on Spreader
- Visible Alarm Amber Strobe Light Key switch Activated
- Audible Alarm Reverse Direction Activated 82-102 dB(A)
- Self adjusting
- Non-Locking Fuel Cap

- Literature Package
 - Operator's Manual
- Warranty
- 12 Months / 2,000 Hours Manufacturer's Warranty

OPTIONAL EQUIPMENT:

- DANA Spicer Off-Highway TE-27 4 Speed Auto-shifting transmission
- Engine pre-heater 230 V (AC)
- NATO plug Start aid
- 24V heated diesel filter
- Spreader Options:
- Powered Pile Slope on CH
- Powered Dampening on CH
- 4 Lifting Eyes Located Under Center Beam of Spreader
- Tire Options Drive and Steer:
- 18.00 25 40PR STMS slick
- 18.00 R25 Radial slick
- 18.00 R33 Radial slick
- Vista cab options:
- Air conditioning with sun shades on top and rear
- -Temperature controlled air conditioning with sun shades on top and rear
- High performance temperature controlled air conditioning with sun shades on top and rear
- 2.600 mm sliding cab with extra cab access exit in the fully forward position on CH
- Sun rollo on top and rear windows
- -Trainers seat
- IT equipment bar
- Rear locking console
- Heated top window
- Audio system set-up (wiring, two speakers and antenna)
- Front screen with single wiper
- Right hand side stairway and handrails
- DC/DC converter 24 Volt/12 Volt with 1 or 2 sockets

- Seat Options:
- Pneumatic, Full Suspension cloth seat with integrated adjustable armrest, high backrest, head rest and seatbelt
- Deluxe air suspended seat with adjustable shock absorber forward and backward motion +/- 25 mm, cushion 21°; 150 mm higher backrest, head rest and 3-points high visibility seatbelt
- Heated Deluxe air suspended seat
- 3B6 Load Moment Indicator with colour display
- Light Kit 2, consisting of:
- Front: 4 HID Work Lights Fender Mounted
- 2 Marker Lights
- 4 Halogen Lights Boom Mounted
- Rear: 2 Rear Mounted Halogen Lights
- 2 Stop/Tail/Backup Lights
- Turn Signal & Hazard Lights - Spreader: 1 HID Work Lights
- on Spreader ■ Light Kit 3 with staircase and engine
- compartment lights, consisting of: - Front: 4 Halogen Work Lights
- Fender Mounted
- 2 Marker Lights
- 4 Halogen Lights Boom Mounted
- Rear: 2 Rear Mounted Halogen Lights
- 2 Stop/Tail/Backup Lights Turn Signal & Hazard Lights
- Spreader: 2 Halogen Work Lights on Spreader

- Light Kit 4 with staircase and engine compartment lights, consisting of:
- Front: 4 HID Work Lights Fender Mounted
- 2 Marker Lights
- 4 Halogen Lights Boom Mounted
- Rear: 2 Rear Mounted Halogen Lights
- 2 Stop/Tail/Backup Lights Turn Signal & Hazard Lights
- Spreader: 1 HID Work Lights on Spreader ■ Traction Speed Limiter – factory
- pre-set to 16 km/h or 20 km/h
- Automatic Engine Shutdown
- Auto Greasing System
- Basic Truck / Outer Boom
- Spreader / Inner Boom Hyster Tracker Wireless Asset Management system

Other options available through Special Products Engineering Development (SPED). Contact Hyster for details.

10 11

STRONG PARTNERS. TOUGH TRUCKS.™ FOR DEMANDING OPERATIONS, EVERYWHERE,

Hyster supplies a complete range of warehouse equipment, IC and electric counterbalanced trucks, container handlers and reach stackers. Hyster is committed to being much more than a lift truck supplier.

Our aim is to offer a complete partnership capable of responding to the full spectrum of material handling issues: Whether you need professional consultancy on your fleet management, fully qualified service support, or reliable parts supply, you can depend on Hyster.

Our network of highly trained dealers provides expert, responsive local support. They can offer cost-effective finance packages and introduce effectively managed maintenance programmes to ensure that you get the best possible value. Our business is dealing with your material handling needs so you can focus on the success of your business today and in the future.





HYSTER EUROPE

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www.hyster-bigtrucks.com

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