

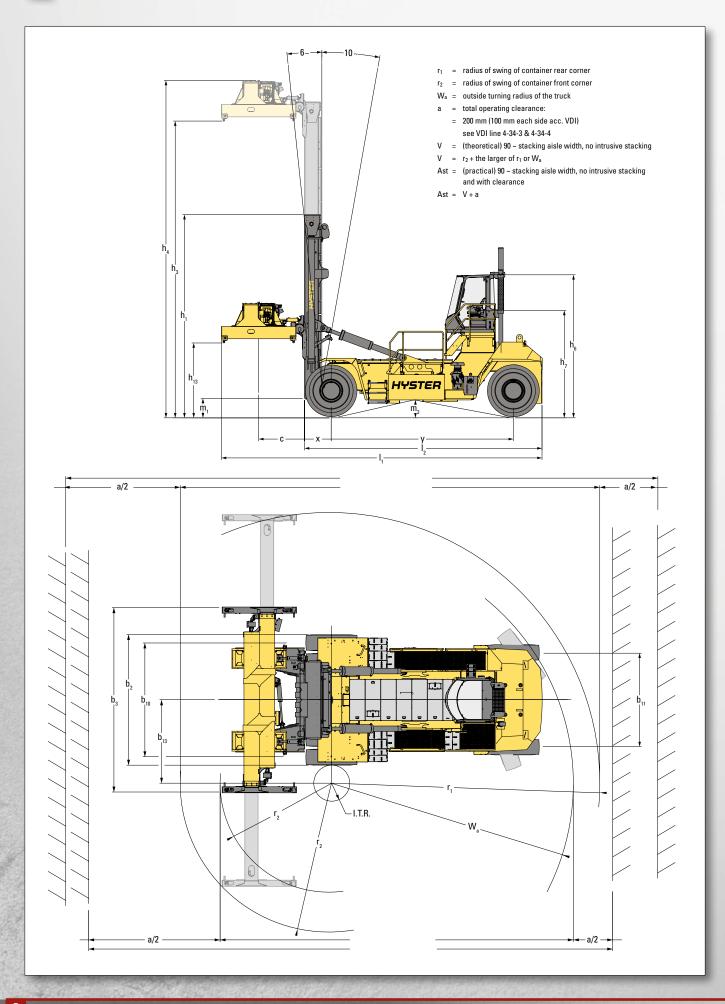


H40-52XM-16CH SERIES TECHNICAL GUIDE

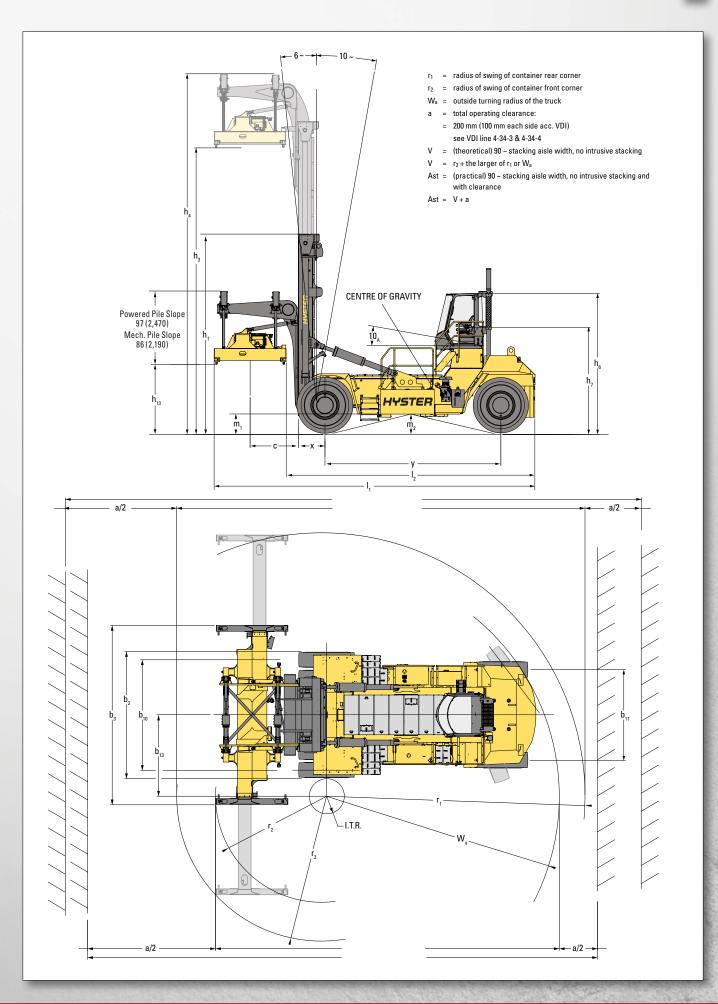
WWW.HYSTER.COM



> TRUCK DIMENSIONS - DEDICATED CARRIAGE



TRUCK DIMENSIONS - GANTRY CARRIAGE <





> H40XM-16CH4, H44XM-16CH4, H48XM-16CH4 CONTAINER HANDLERS

Image: mage: mass sector in the se		1-1	Manufacturer	1		LIVC	TED	ЦУС	TED	ЦУС	тер
Bose Decel Decel Decel Decel Decel Decel 14 Concepandy and concer distance n 0, 10, 33.00 33.00 33.00 40.00 152 Each capacity and concer distance n 0, 10, 1.40 1.40 1.40 1.40 1.40 1.40 1.40 1.40 1.60							-		-		
Image: space			-								
Part of the set of t		-								-	
Note <				0.	ka						
	A	-									
	NER			-							
10 Second precision of net new number x container height, in fealt x mm SUP SUP SUP SUP 19 Sacking height af first new number x container height, in fealt r	5									,	
191Wineshameynm 5.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
		-								-	
				y							
		-									
B 23.3 Adv loading with load, front / rear N 91.555 6.214 97.200 7.377 98.810 6.329 31 Ive kye 2.3.3 Ive kye 3.3.3 3.3.3 3.3.3 3.3.3 3.3.3 3.3.3 3.3.3 3.3.3 3.3.3 3.3.3 3.3.3 3.3.3 3.3.3.3 3.3.3 <td></td> <td>-</td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td></td> <td></td> <td></td> <td></td>		-									
	Ъ										
14 Tyre type 14 Tyre type Pnaumatic Pnaumatic Pnaumatic Pnaumatic 13 Tyre size, front 1 18.00-25 40PR	Ň										
Image: space spectra spectra spectra Image: spectra spectra Image: s											
State The size, rear Image: mass of the set of the		3-2				18.00-2	5 40PR	18.00-2	5 40PR		
84 Tread, font bn mm 3.703 3.703 3.703 3.703 41 The of mas, forward / backward bn mm 3.705 0.705	ELS	3-3				18.00-2	5 40PR			18.00-2	5 40PR
84 Tread, fort bn mm 3.703 3.703 3.703 3.703 41 Tito f mas, forvard / backward bn mm 3.705 10° 6° 10°	HE	3-5				x4	/ 2	x4	/ 2		
37 Tread, rear bn mm 3.00 → 0 3.00 → 0 5.00 → 0 4 Tit of mast, floward / backward a/F P 0 ² 10 ² 6 ³ 10 ² 6 ³ 0 ² <t< td=""><td></td><td></td><td></td><td>b₁₀</td><td>mm</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>				b ₁₀	mm						
		3-7	Tread, rear		mm					3,0	60
43 Free lift hz mm ZZ ZZ ZZ ZZ ZZ ZZ 444 Lift height at load centre c., maximum (4) hz, in mm ZZ 13,320		4-1	Tilt of mast, forward / backward	α/β	(°)	6°	10°	6°	10°	6°	10°
		4-2	Height, mast lowered (3)	h1	mm	7,9	66	7,9	66	7,9	66
442Lift height at load centre c, maximum (4)hz hz mm m12,23412,23412,23412,3313,3204,7804,7		4-3	Free lift	h ₂	mm			-		-	
44. Height of closed cab hu mm 13,32∪ 13,32∪ 13,32∪ 45.1 Height of closed cab hu mm 4,660 4,660 4,660 4,660 47.1 Height of closed cab with with aircon hu mm 4,703 4,703 4,703 4,778 4,703 4,788 4,703 4,788 4,703 4,788 4,703 4,788 4,703 4,788 4,703 4,788 4,703 4,788 4,703 4,788 4,703 4,788 4,839 4,120 1,120		4-4-1	Lift height at load centre c1, minimum (4)	h _{3.1.1}	mm	2,2	280	2,280		2,280	
		4-4-2	Lift height at load centre c1, maximum (4)	h _{3.1.2}	mm	12,	034	12,034		12,034	
411 Height of closed cabin without / with aircon hs mm 4,703 4,763 <td></td> <td>4-5</td> <td>Height, mast extended</td> <td>h4</td> <td>mm</td> <td colspan="2">13,320</td> <td colspan="2">13,320</td> <td colspan="2">13,320</td>		4-5	Height, mast extended	h4	mm	13,320		13,320		13,320	
422 Height of closed cab with strobe light he mm 4,70 4,71 4,71 4,71		4-7	Height of closed cab	h ₆	mm	4,6	60	4,6	60	4,6	60
413 Height of closed cab with work lights hg mm 4,83 4,83 4,83 4,83 4,83 4,83 414 Height of closed cab with airco & strobe light he mm 4,780 4,780 4,780 4,780 443 Seat height to SIP (5) hp mm 4,780 4,780 4,780 4,780 441 Seat height to SIP (5) hp mm 1,025 3,525 3,525 1,025 1,025 441 Overhang ls mm 1,0,25 1,0,20 1,1,20 4210 Verall with across all of truck with across all of truck with across all of truck by mm +/,210 +/,210 +/,210 +/,210 +/,210		4-7-1	Height of closed cabin without / with aircon	h6	mm	4,703	4,758	4,703	4,758	4,703	4,758
4-4 Height of closed cab with airco & strobe light hs mm 4,78 4,780 4,780 4,780 4-8 Seat height to SIP (5) hv nm 3,525 1,025 1,025 1,025 1,025 1,025 1,025 1,025 1,025 1,025 1,025 1,025 1,025 420 420 420 420 420 420 420 420 420 420 420 420 420 420 420 420		4-7-2	Height of closed cab with strobe light	h ₆	mm	4,7	'80	4,7	80	4,7	80
44Seat height SJP (5)h h mm m3,52 ·3,52 ·3,52 ·3,52 ·3,52 ·3,52 ·3,52 ·3,52 ·3,52 ·1,02 ·1,03 ·1		4-7-3	Height of closed cab with work lights	h ₆	mm	4,8	39	4,839			
412 Coupling height h ₁₀ mm 411 Overhang b mm 1,025 1,025 1,025 1,025 419 Overhang b mm 1,025 1,025 1,025 1,025 419 Overall with across all of truck b2 mm 4,700 4,200 4,200 4,200 4232 Carriage spreader b2 mm 4,200 6,100 12,200 1,025 1,025 1,025 1,025			Height of closed cab with airco & strobe light	h ₆	mm						
4-20 Length to face of spreader $ _{2}$ mm 7,710 7,710 7,710 7,710 7,710 7,710 4-212 Overall width across all of truck b_{2} mm $4,20$ A_{2} <td< td=""><td><u>8</u></td><td></td><td>• • • • • • • • • • • • • • • • • • •</td><td>h7</td><td>mm</td><td></td><td></td><td colspan="2"></td><td colspan="2"></td></td<>	<u>8</u>		• • • • • • • • • • • • • • • • • • •	h7	mm						
4-20 Length to face of spreader $ _{2}$ mm 7,710 7,710 7,710 7,710 7,710 7,710 4-212 Overall width across all of truck b_{2} mm $4,20$ A_{2} <td< td=""><td>SION</td><td></td><td></td><td></td><td></td><td></td><td></td><td colspan="2"></td><td></td><td></td></td<>	SION										
4-20 Length to face of spreader $ _{2}$ mm 7,710 7,710 7,710 7,710 7,710 7,710 4-212 Overall width across all of truck b_{2} mm $4,20$ A_{2} <td< td=""><td>NEN.</td><td></td><td></td><td></td><td></td><td colspan="2"></td><td colspan="2">,</td><td></td><td></td></td<>	NEN.							,			
4212 423Overall width across all of truckb2 bmm $4,20$ $4,20$ $4,20$ $4,20$ 423 424Carriage spreaderbmm $6,100$ $12,200$ $1,610$ $12,200$ $6,100$ $12,200$ $1,610$ $12,200$ $1,610$ <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> <td colspan="2"></td>											
4-23 4-24Carriage spreaderDedicated carriageDedicated		-									
4-24 Spreader width, retracted / extended b3 mm 6,100 12,200 6,100 12,200 6,100 12,200 4-28 Reach distance la mm $+/-210$ $+/-210$ $+/-210$ $+/-210$ 4-30 Reach lateral from vehicle centre line b8 mm $+/-216$ $+/-216$ $+/-216$ $+/-216$ 4-31 Ground clearance, lowest point m1 mm 471 465 465 4-32 Ground clearance, centre or wheelbase m2 mm $31/-33$ $31/-33$ $31/-33$ 4-343 Aisle width: 40° container Asta mm $11/-33$ $11/-33$ $11/-33$ $11/-33$ 4-344 Aisle width: 40° container Asta mm $11/-37$ $7.87 > 7.8$				D ₂	mm						
4-28 Reach distance I ₄ mm +/- 21∪ +/- 21∪ +/- 21∪ +/- 21∪ 4-30 Reach lateral from vehicle centre line b ₈ mm +/- 21∪ +/- 21∪ +/- 21∪ +/- 21∪ 4-30 Ground clearance, lowest point m1 mm 4/1 33 - 465 4-32 Ground clearance, centre or wheelbase m2 mm 3/1 33 - 11,63 11,63 11,63 11,63 11,63 - 1,64 - <t< td=""><td></td><td></td><td></td><td>h</td><td>mm</td><td></td><td>_</td><td></td><td>-</td><td></td><td>-</td></t<>				h	m m		_		-		-
4-30 Reach lateral from vehicle centre line b ₈ mm +/- 216 +/- 216 +/- 216 4-31 Ground clearance, lowest point m1 mm 471 465 452 4-32 Ground clearance, centre or wheelbase m2 mm 341 335 335 4-344 Aisle width: 20' container Asta ₀ mm $11,630$ $11,630$ $11,630$ $11,630$ 4-344 Aisle width: 40' container Asta ₀ mm $7,875$ $7,875$ $7,875$ $7,875$ 4-345 Dutside turning radius (7) b ₁₃ mm $2,690$ $22,0$								-			
4.31 Ground clearance, lowest point m1 mm 4.47 4.65 4.65 4.32 Ground clearance, centre or wheelbase m2 mm 341 335 335 4.344 Aisle width: 20' container Asta mm 11,630 11,630 11,630 11,630 11,630 4.344 Aisle width: 40' container Asta mm 14,245											
4.32 Ground clearance, centre or wheelbase m2 mm 341 335 335 4.343 Aisle width: 20' container Ast ₂₀ mm $11,630$ $11,630$ $11,630$ $11,630$ 4.344 Aisle width: 40' container Ast ₄₀ mm $14,245$ $12,202$ <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td>											
4-34-3 Aisle width: 20' container Ast ₂₀ mm 11,63 11,63 11,63 4-34-4 Aisle width: 40' container Ast ₄₀ mm 14,24 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>											
4.34.4 Aisle width: 40' container Ast ₄₀ mm 14,245 14,245 14,245 14,245 4.35 Outside turning radius Wa mm 7,875 7,025 0,250 0,270 0,250 </td <td></td>											
4-35 Outside turning radius W_a mm $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $7,87$ $2,690$ $2,690$ $2,690$ $2,690$ $2,690$ $2,200$ <td>2</td> <td></td>	2										
4-36 Internal turning radius (7) b13 mm 2,600 2,600 2,600 2,000 22.0 5-1 Travel speed with / without load km/h 20.0 22.0	8				mm						
5-11 Travel speed with / without load, backwards km/h 20.0 22.0 20.0 20.0 20.0 20.0		4-36	, and the second se		mm						
5-2 Lifting speed with / without load m/s 0.25 0.27 0.25 0.25 0.25 0.25		5-1	Travel speed with / without load		km/h	20.0	22.0	20.0	22.0	20.0	22.0
5-2.1 Lifting speed with 70% load m/s 0.25 0.25 0.25 5-3 Lowering speed with / without load m/s 0.50 5.5 Drawbar pull - 1.6 km/h, with / without load kN 275 275 275 275 275 275 275 275 275 275 275 38 5.7 Gradeability - 1.6 km/h, with / without load (8) % 30 49 28 47<		5-1-1			km/h	20.0	22.0	20.0		20.0	22.0
5-3 Lowering speed with / without load m/s 0.50		5-2	Lifting speed with / without load		m/s	0.25	0.27	0.25	0.27	0.25	0.27
3-7 Gradeability - 1.6 km/h, with / without load (8) % 2.9 4.0 2.0 4.0 2.3 3.8 5-7.1 Gradeability - stall, with / without load (8) % 3.0 4.9 2.8 4.7 2.8 4.7 5-9 Acceleration time with / without load sec 2.5	щ	5-2-1	Lifting speed with 70% load		m/s	0.	25	0.2	25	0.2	25
3-7 Gradeability - 1.6 km/h, with / without load (8) % 2.9 4.0 2.0 4.0 2.3 3.8 5-7.1 Gradeability - stall, with / without load (8) % 3.0 4.9 2.8 4.7 2.8 4.7 5-9 Acceleration time with / without load sec 2.5	ANC	5-3	Lowering speed with / without load		m/s	0.50	0.50	0.50	0.50	0.50	0.50
3-7 Gradeability - 1.6 km/h, with / without load (8) % 2.9 4.0 2.0 4.0 2.3 3.8 5-7.1 Gradeability - stall, with / without load (8) % 3.0 4.9 2.8 4.7 2.8 4.7 5-9 Acceleration time with / without load sec 2.5	DRM	5-5	Drawbar pull - 1.6 km/h, with / without load		kN	275	275	275	275	275	275
3-7 Gradeability - 1.6 km/h, with / without load (8) % 2.9 4.0 2.0 4.0 2.3 3.8 5-7.1 Gradeability - stall, with / without load (8) % 3.0 4.9 2.8 4.7 2.8 4.7 5-9 Acceleration time with / without load sec 2.5	ERF	5-5-1	Drawbar pull - stall, with / without load		kN		275			275	275
5-9 Acceleration time with / without load sec 22 22 22 22 22 22 22 22 22 22 22 22 22	•		Gradeability - 1.6 km/h, with / without load (8)								
					%						
5-10 Service brake 0il-immersed disc 0il-immersed disc					sec						
		5-10	Service brake	C. P. L. L.		Oil-imme	rsed disc	Oil-imme	rsed disc	Oil-imme	rsed disc

H50XM-16CH5, H50XM-16CH5, H52XM-16CH5 CONTAINER HANDLERS <



	1-1	Manufacturer			HYS	TER	HYS	TER	HYS	TER
	1-2	Model designation			H50XM	-16CH5	H50XM	-16CH5	H52XM-16CH5	
	1-3	Drive			Die	sel	Die	sel	Die	sel
	1-4	Operator type			Sea	ited	Sea	ited	Sea	ted
	1-5-1	Load capacity at load centre distance c1	Q1	kg	40,0	000	40,0	000	40,	000
GENERAL	1-5-2	2 Load capacity at load centre distance c ₁ C		kg	36,700		36,	700	40,	000
Ĩ.	1-6-1	Load centre distance c1	C1	mm	1,5	609	1,5	i09	1,5	09
	1-6-2	Load centre distance c _{1'}	C2	mm	1,749		1,749		1,7	49
	1-8	Load distance (1)	x	mm	90	00	90	00	87	70
	1-9	Wheelbase	y	mm	5,9	00	5,9	00	5,9	00
	1-10-1	Stacking height at first row (number x container height, in feet)		#	5 x 9	9′ 6″	5 x 9′ 6″		5 x S	9′ 6″
	1-10-1	Stacking height at first row (number x container height, in feet)		#	5 x 8	3′ 6″	5 x 8′ 6″		5 x 8	3′ 6″
Ę	2-1	Service weight (2)		kg	75,	535	76,4	473	78,	512
WEIGHT	2-2-1	Axle loading with load, front / rear at c_1		kg	107,524	8,011	108,149	8,324	106,690	11,822
3	2-3-1	Axle loading without load, front / rear at c1		kg	51,192	24,343	51,817	24,656	50,358	28,154
	3-1	Tyre type			Pneu	matic	Pneu	matic	Pneu	matic
	3-2	Tyre size, front			18.00-2	5 40PR	18.00-3	3 36PR	18.00-2	5 40PR
ELS	3-3	Tyre size, rear			18.00-2	5 40PR	18.00-3	3 36PR	18.00-2	5 40PR
WHEELS	3-5	Wheels, number front / rear (x = driven wheels)			x4	/ 2	x4	/ 2	x4	/ 2
	3-6	Tread, front	b ₁₀	mm	3,7	/03	3,7	03	3,7	03
	3-7	Tread, rear	b11	mm	3,0	60	3,0	60	3,0	60
	4-1	Tilt of mast, forward / backward	α/β	(°)	6°	10°	6°	10°	6°	10°
	4-2	Height, mast lowered (3)	h1	mm	9,3	357	9,4	51	9,3	52
	4-3	Free lift	h ₂	mm	-		-		-	
	4-4-1	Lift height at load centre c1, minimum (4)	h _{3.1.1}	mm	2,280		2,280		2,2	80
	4-4-2	Lift height at load centre c1, maximum (4)	h _{3.1.2}	mm	14,930		14,930		14,930	
	4-5	Height, mast extended		mm	17,298		17,392		17,293	
	4-7	Height of closed cab	h ₆	mm	4,6	60	4,7	50	4,6	60
	4-7-1	Height of closed cabin without / with aircon	h ₆	mm	4,703	4,758	4,703	4,758	4,703	4,758
	4-7-2	Height of closed cab with strobe light	h ₆	mm	4,7		4,872		4,7	
	4-7-3	Height of closed cab with work lights	h ₆	mm	4,839		4,931		4,839	
	4-7-4	Height of closed cab with airco & strobe light	h ₆	mm	4,7		4,872		4,780	
ŝ	4-8	Seat height to SIP (5)	h7	mm	3,525		3,615		3,5	
DIMENSIONS	4-12	Coupling height	h ₁₀	mm		-				
NEN.	4-17	Oversell less set	l5	mm	1,0		1,025		1,0	
	4-19 4-20	Overall length	l ₁	mm	10,4 7 7		10,485		10,698 7,968	
	4-20	Overall length including boom retracted Overall width across all of truck	l ₂ b ₂	mm	7,7		7,740		4,200	
	4-21-2	Carriage spreader	D2	mm	4,2 PPS Contr	y carriage	PPS Gantry carriage		PPS Gantry carriage	
	4-24	Spreader width, retracted / extended	b ₃	mm	6,100	12,200	6,100 12,200		6,100	12,200
	4-24	Reach distance	14	mm	+/-		+/- 240		+/- 240	
	4-20	Reach lateral from vehicle centre line	b ₈	mm		400		400		400
	4-31	Ground clearance, lowest point	m ₁	mm		58		50		
	4-32	Ground clearance, centre or wheelbase	m ₂	mm		29		31		
	4-34-3	Aisle width: 20' container	Ast ₂₀	mm	11,795		11,795		328 11,915	
	4-34-4	Aisle width: 40' container	Ast ₄₀	mm	14,		14,			245
	4-35	Outside turning radius	Wa	mm		375	7,8		8,0	
	4-36	Internal turning radius (7)	b13	mm		i90	2,6		2,6	
	5-1	Travel speed with / without load		km/h	20.0	22.0	20.0	22.0	21.0	23.0
	5-1-1	Travel speed with / without load, backwards		km/h	20.0	22.0	20.0	22.0	21.0	23.0
	5-2	Lifting speed with / without load		m/s	0.25	0.27	0.25	0.27	0.25	0.27
щ	5-2-1	Lifting speed with 70% load		m/s	0.1	25	0.1	25	0.3	25
ANC	5-3	Lowering speed with / without load		m/s	0.50	0.50	0.50	0.50	0.50	0.50
DRM	5-5	Drawbar pull - 1.6 km/h, with / without load		kN	275	275	275	275	248	248
PERFORMANCE	5-5-1	Drawbar pull - stall, with / without load		kN	275	275	275	275	275	275
•	5-7	Gradeability - 1.6 km/h, with / without load (8)		%	24	39	24	39	24	38
	5-7-1	Gradeability - stall, with / without load (8)		%	27	41	27	41	34	46
	5-9	Acceleration time with / without load		sec	1	2	2	2	7	
	5-10	Service brake			Oil-imme	rsed disc	Oil-imme	rsed disc	Oil-imme	rsed disc



> H52XM-16CH5, H52XM-16CH6, H52XM-16CH6 CONTAINER HANDLERS

-	44	u ()	1		10/0	TED	111/0		111/0	TED 1
	1.1	Manufacturer				TER		TER	HYS	
	1-2	Model designation			H52XM		H52XM			-16CH6
	1-3	Drive				sel	Die		Die	
	1-4	Operator type				ated	Sea		Sea	
¥	1-5-1	Load capacity at load centre distance c ₁	Q ₁	kg		000	3600		3600	
GENERAL	1-5-2	Load capacity at load centre distance c ₁	Q ₂	kg	40,		3600		3600	
GE	1-6-1	Load centre distance c ₁	C1	mm		509	1,5		1,5	
	1-6-2	Load centre distance c ₁ [']	C2	mm		749	1,749		1,7	
	1-8	Load distance (1)	х	mm	900		900 5,900		90	
	1-9	Wheelbase	У	mm	5,900 5 x 9' 6"				5,9	
	1-10-1	Stacking height at first row (number x container height, in feet)		#			6 x 9		6 x 9	
	1-10-1	Stacking height at first row (number x container height, in feet)		#		B' 6"	6 x 8		6 x 8	
GHT	2-1	Service weight (2)		kg	79,		81,		82,4	
WEIGHT	2-2-1	Axle loading with load, front / rear at c1		kg	107,316	12,135	109,897	11,608	110,522	11,921
1	2-3-1	Axle loading without load, front / rear at c1		kg	50,984	28,467	53,565	27,940	54,190	28,253
	3-1	Tyre type				matic		matic	Pneu	
Ś	3-2	Tyre size, front				3 36PR	18.00-2		18.00-3	
WHEELS	3-3	Tyre size, rear				3 36PR		5 40PR	18.00-3	
≥	3-5 2 6	Wheels, number front / rear (x = driven wheels)	h			/ 2	x4		x4/2	
	3-6	Tread, front	b ₁₀	mm		703	4,4		4,4	
	3-7 4-1	Tread, rear	b ₁₁	mm	3,0 6°)60	3,0 6°	8°	3,0 6°	60 8°
	4-1 4-2	Tilt of mast, forward / backward Height, mast lowered (3)	α/β	(°)		10°	-		-	
	4-z 4-3	Free lift	h ₁	mm		145	10,802		10,8	590
	4-0 4-4-1		h ₂	mm	-		- 2,280		-	
	4-4-1	Lift height at load centre c1, minimum (4) Lift height at load centre c1, maximum (4)	h3.1.1	mm	2,280		17,830		2,280	
	4-4-2	Height, mast extended	h _{3.1.2}	mm	14,930		20,193		17,830 20,286	
	4-7	Height of closed cab	h ₆	mm mm	17,386 4,750		4,660		4,750	
	4-7-1	Height of closed cabin without / with aircon	h ₆	mm	4,793	4,848	4,703	4,758	4,793	4,848
	4-7-2	Height of closed cabin without with an con Height of closed cab with strobe light	h ₆	mm		372	4,703		4,735	
	4-7-3	Height of closed cab with scrobe lights	h ₆	mm	4,9		4,839		4,931	
	4-7-4	Height of closed cab with airco & strobe light	h ₆	mm		372	4,780		4,872	
	4-8	Seat height to SIP (5)	h7	mm		615	3,525		3,615	
SNC	4-12	Coupling height	h ₁₀	mm		-	-			
DIMENSIONS	4-17	Overhang	l5	mm	1,0)93	1,093		1,0	93
N	4-19	Overall length	h	mm	10,	698	10,698		10,0	598
	4-20	Overall length including boom retracted	l ₂	mm	7,9	968	7,968		7,9	68
	4-21-2	Overall width across all of truck	b ₂	mm	4,2	200	4,900		4,9	00
	4-23	Carriage spreader			PPS Gantr	y carriage	PPS Gantry carriage		PPS Gantry carriage	
	4-24	Spreader width, retracted / extended	b ₃	mm	6,100	12,200	6,100 12,200		6,100 12,200	
	4-28	Reach distance	l4	mm	+/-	240	+/- 240 +/- 400		+/- 240	
	4-30	Reach lateral from vehicle centre line	b ₈	mm	+/-	400			+/- 400	
	4-31	Ground clearance, lowest point	m ₁	mm		52	35	57		52
	4-32	Ground clearance, centre or wheelbase	m ₂	mm		23		28	42	
	4-34-3	Aisle width: 20' container	Ast ₂₀	mm	11,		11,			915
	4-34-4	Aisle width: 40' container	Ast ₄₀	mm	14,245		14,245		14,245	
	4-35	Outside turning radius	Wa	mm)15		115	8,015	
	4-36 5-1	Internal turning radius (7)	b ₁₃	mm		i90	2,5		2,5	
	5-1-1	Travel speed with / without load Travel speed with / without load, backwards		km/h	21.0	23.0	21.0	23.0	21.0	23.0
	5-2			km/h	21.0 0.25	23.0 0.27	21.0 0.25	23.0 0.27	21.0 0.25	23.0 0.27
	5-2-1	Lifting speed with / without load Lifting speed with 70% load		m/s m/s		25	0.25		0.25	
PERFORMANCE	5-3	Lowering speed with / without load		m/s	0.50	0.50	0.50	0.50	0.50	0.50
MM	5-5	Drawbar pull - 1.6 km/h, with / without load		kN	248	248	248	248	248	248
RFO	5-5-1	Drawbar pull - stall, with / without load		kN	275	275	275	275	275	275
H	5-7	Gradeability - 1.6 km/h, with / without load (8)		%	24	38	24	38	24	38
	5-7-1	Gradeability - stall, with / without load (8)		%	34	46	34	46	34	46
	5-9	Acceleration time with / without load		sec			7			-
	5-10	Service brake			Oil-imme		Oil-imme	rsed disc	Oil-imme	rsed disc
			48.40	sec					с	c Oil-imme

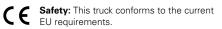


		I	1	1		
GENERAL	1-1	Manufacturer			HYSTER	HYSTER
ENE	1-2	Model designation			H40-48XM-16CH	H50-52XM-16CH
5	1-3	Powertrain / drivetrain			Diesel	Diesel
_		-		-		
	7-1	Engine manufacturer / model			Cummins / QSL9	Cummins / QSL9
	7-1a	CE / EPA Tier compliance			Stage IV / Tier 4	Stage IV / Tier 4
	7-2	Engine power output according to ISO 1585		kW	261	261
	7-2-1	Engine power output - peak		kW	283	283
ENGINE	7-3	Rated speed		rpm	2,100	2,100
ENG	7-3-1	Engine torque @rpm (1/min)		N-m	1,627 @ 1500	1,627 @ 1500
	7-4	Number of cylinders / displacement		# / cm³	6 / 8900	6 / 8900
		Turbocharger		Туре	Variable geometry, water cooled	Variable geometry, water cooled
	7-8	Alternator output		Amps	120	120
	7-10	Battery voltage, rated capacity		V / Ah	24 / 200	24 / 200
	8-1	Drive control / transmission		Type / #	Hydrodynamic Transmission	Hydrodynamic Transmission
	8-2	Transmission manufacturer / type		Type / #	Spicer Off-Highway / TE-32	Spicer Off-Highway / TE-32
ш	8-4	Transmission speeds forward / backward		#	4 / 4	4 / 4
DRIVE	8-5	Coupling		Туре	Torque Converter	Torque Converter
	8-6	Wheel drive / drive axle manufacturer / type		Type / #	Kessler D102	Kessler D102
	8-11	Service brake		Туре	Oil immersed disc	Oil immersed disc
	8-12	Parking brake		Туре	Spring applied, dry disc on drive axle	Spring applied, dry disc on drive axle
	9-1	Spreader manufacturer / type		Type / #	Elme / 813	Elme / 818
	9-2	Design			Top lift spreader	Top lift spreader
н	9-3	Size of containers		feet (´)	ISO 20' - 40'	ISO 20' - 40'
SPREADER	9-4	Side shift	b ₈	mm	+/- 216	+/- 400
PRE	9-5	Pile slope spreader		° / type	+/- 2.5 / mechanical	+/- 6.0 / powered
SI	9-6	Rotation angle		0	+/- 4,5	+/- 3.0
	9-7	Longitudinal adjustment		0	+/- 210	+/- 240
	9-8	Telescoping time, extend / retract		0	12 / 12	12 / 12
	10-1	Operating pressure for attachments		bar	140	140
	10-2	Oil volume for attachments		l/min	90	90
	10-3	Hydraulic oil tank, capacity		1	625	725
	10-4	Fuel tank capacity		1	830	830
MISC	10-4-1	DEF tank capacity		1	57	57
Σ	10-5	Steering design			Hydrostatic	Hydrostatic
	10-6	Number of steering rotation			6.0	6.0
	10-7	Sound pressure level at driver's seat (7)	Lpaz	dB(A)	74	74
	10-7-1	Sound power level during the workcycle	Lwaz	dB	109	109
			1 02			

NOTES:

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 Hyster[®] truck.

- (1) Centre of drive axle to front face of spreader
- (2) Weights are based on the following specifications: Complete truck with cab, pneumatic tyres, mast as specified, carriage as specified and 20' 40' spreader.
 (3) Unladen with new tyres
- (4) Spreader, distance from ground to twistlocks.
- (5) Full suspension seat in depressed position
- (6) Capacity 40,000 at 5 high position.
- (7) Distance centre truck to centre of internal turning radius
- (8) Gradeability figures are provided for comparison of tractive performance, but are not intended to endorse the operation of vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines.
- (9) Measured according to the test cycles and based on the weighting values contained in EN12053.
- Data available on request, as values are dependent on application.



NOTICE:

Care must be exercised when handling elevated loads. 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.

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance specifications are for a truck equipped as described under Standard Equipment on this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature, condition of the operating area, proper service and maintenance of the vehicle. If these specifications are critical, the proposed application should be discussed with your dealer.

NOTE: Specifications, unless otherwise listed, are for a standard truck without optional equipment.

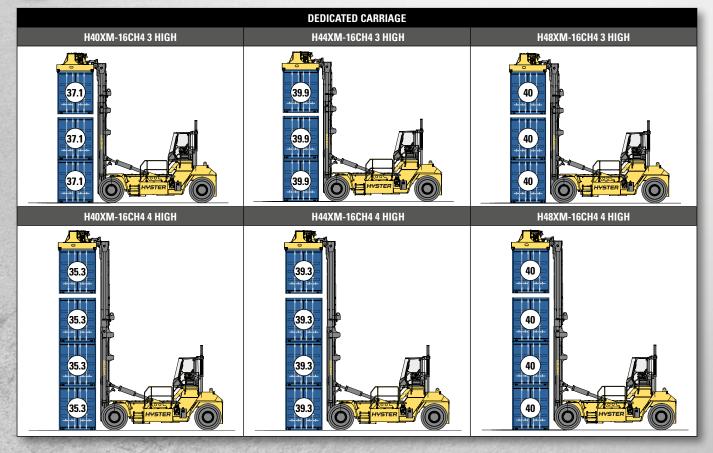
Specification data is based on VDI 2198.

> MAST AND CAPACITY INFORMATION

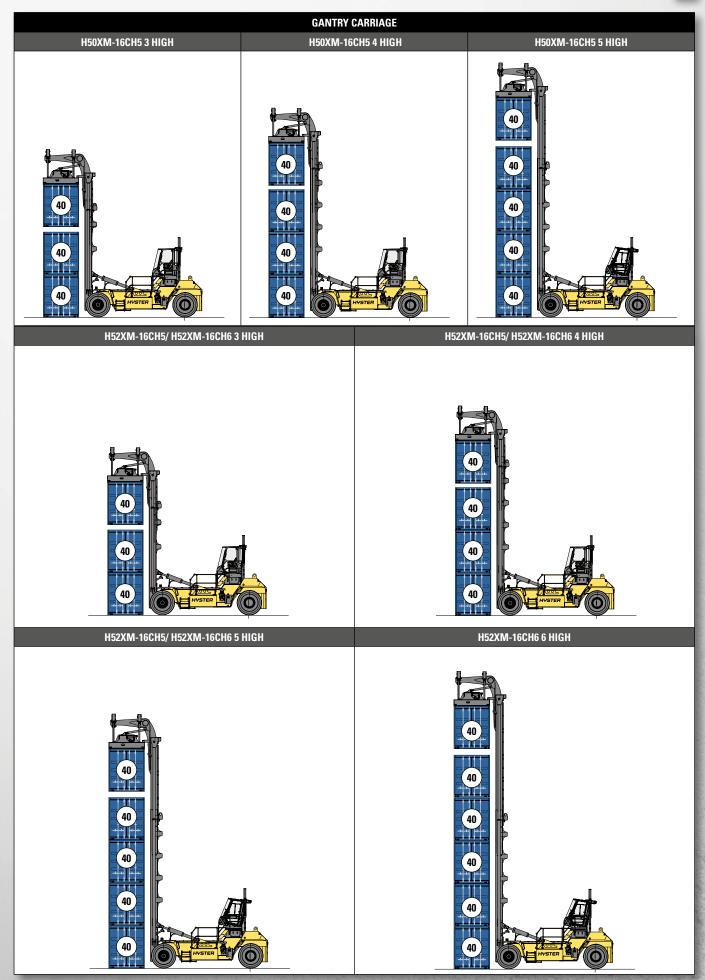
Stacking Lift Min. Max. Lowered Extended Side abit Mast tilt Truck H40XM-16CH (Dedicated carria									dicated carriage)		
	height 8'6" - 9'6"	height	under twistlock	under twistlock	height	height	Side shift b ₈ (mm)	fwd/bwd	width	Capacity spreader retracted	Capacity spreader extended
	8'6" - 9'6"	h ₃ + s (mm)	h _{3.1.1} (mm)	h _{3.1.2} (mm)	h1 (m)	h4 (mm)	D ₀ (IIIII)	(°)	b ₂ (mm)	c ₁ @ 1.400 mm (kg)	c _{1"} @ 1.610 mm (kg)
붱.	3 high	7,010	2,280	9,290	6,594	10,576	+/- 216	6/10	4,200	37,100	33,400
STAGE NFL	4 high	9,754	2,280	12,034	7,966	13,320	+/- 216	6/10	4,200	35,300	31,750
2 8	5 high	12,650	2,280	14,930	9,451	17,392	+/- 216	6/10	4,200	N / A	N/A
-											
	Stacking	Lift	Min. under	Max. under	Lowered	Extended	Side shift	Mast tilt	Truck	H44XM-16CH (De	dicated carriage)
	height	height	twistlock	twistlock	height	height	b ₈ (mm)	fwd/bwd	width	Capacity spreader retracted	Capacity spreader extended
	8'6" - 9'6"	h ₃ + s (mm)	h _{3.1.1} (mm)	h _{3.1.2} (mm)	h1 (m)	h4 (mm)		(°)	b ₂ (mm)	c ₁ @ 1.400 mm (kg)	c _{1"} @ 1.610 mm (kg)
STAGE NFL	3 high	7,010	2,280	9,290	6,594	10,576	+/- 216	6/10	4,200	39,900	35,950
NFI	4 high	9,754	2,280	12,034	7,966	13,320	+/- 216	6/10	4,200	39,300	35,400
2 :	5 high	12,650	2,280	14,930	9,451	17,392	+/- 216	6/10	4,200	N / A	N / A
-											
	Stacking	Lift	Min. under	Max. under	Lowered	Extended	Side shift	Mast tilt	Truck	H48XM-16CH (De	
	height	height	twistlock	twistlock	height	height	b ₈ (mm)	fwd/bwd	width	Capacity spreader retracted	Capacity spreader extended
	8'6" - 9'6"	h ₃ + s (mm)	h _{3.1.1} (mm)	h _{3.1.2} (mm)	h1 (m)	h4 (mm)		(°)	b ₂ (mm)	c1 @ 1.400 mm (kg)	c1" @ 1.610 mm (kg)
2 STAGE NFL	3 high	7,010	2,280	9,290	6,594	10,576	+/- 216	6/10	4,200	40,000	40,000
NFI	4 high	9,754	2,280	12,034	7,966	13,320	+/- 216	6/10	4,200	40,000	39,590
2 :	5 high	12,650	2,280	14,930	9,451	17,392	+/- 216	6/10	4,200	N / A	N / A
-						-					
	Stacking	Lift	Min. under	Max. under	Lowered	Extended	Side shift	Mast tilt	Truck		Gantry carriage)
	height 8'6" - 9'6"	height h ₃ + s (mm)	twistlock	twistlock	height h1** (mm)	height h₄** (mm)	b ₈ (mm)	fwd/bwd (°)	width b ₂ (mm)	Capacity spreader retracted	Capacity spreader extended
		- , ,	h _{3.1.1} (mm)	h _{3.1.2} (mm)	,	,		()	- ,	c ₁ @ 1.509 mm (kg)	c _{1"} @ 1.749 mm (kg)
8,	3 high	7,010	2,280	9,290	6,631	11,752	+/- 400	6/10	4,200	40,000	40,000
STAGE NFL	4 high	9,754	2,280	12,034	8,003	14,496	+/- 400	6/10	4,200	40,000	40,000
3	5 high	12,650	2,280	14,930	9,451	17,392	+/- 400	6/10	4,200	40,000	36,700
	Stacking	Lift	Min. under	Max. under	Lowered	Extended	Side shift	Mast tilt	Truck	· · ·	Gantry carriage)
	height 8'6" - 9'6"	height	twistlock	twistlock	height h1** (mm)	height	b ₈ (mm)	fwd/bwd (°)	width	Capacity spreader retracted	Capacity spreader extended
		h ₃ + s (mm)	h _{3.1.1} (mm)	h _{3.1.2} (mm)		h4** (mm)		()	b ₂ (mm)	c ₁ @ 1.509 mm (kg)	c _{1"} @ 1.749 mm (kg)
ш	3 high	7,010	2,280	9,290	6,631	11,752	+/- 400	6/10	4,200	40,000	40,000
FI	4 high	9,754	2,280	12,034	8,003	14,496	+/- 400	6/10	4,200	40,000	40,000
2 STAGE NFL	5 high	12,650	2,280	14,930	9,451	17,392	+/- 400	6/10	4,200	40,000	40,000
	6 high	15,550	2,280	17,830	10,901	20,292	+/- 400	6/8	4,900	36,000***	36,000***

** based on 18.00-33 tyre without load; radius 880 mm | *** capacity 40,000kg up to 5 high position.

PATED CAPACITIES AND STACKING HEIGHTS



RATED CAPACITIES AND STACKING HEIGHTS <





FRONT END EQUIPMENT

RANGE OF 2 STAGE NFL MASTS



DEDICATED CONTAINER HANDLER ELME 812 TOP LIFT SPREADER **DEDICATED CARRIAGE**



FEATURES AND OPTIONS <



PERFORMANCE	STD	OPT
Cummins QSL 9L diesel engine rated 350 hp Tier 4 / 271 kW Stage IV	Х	
Tier 4 / Stage IV compliant	Х	
Hibernate Idle	Х	
Hydraulically driven on-demand cooling fan	Х	
120 amp alternator	Х	
Powertrain protection system	Х	
Spicer Off-Highway TE-32 4-speed auto-shifting transmission	Х	
Kessler D102 drive axle with wet disc brakes	Х	
Kessler D102 extra wide drive axle with wet disc brakes (mandatory for 6-high)		Х
DRIVE	STD	OPT
Traction speed limiter - unconditional (adjustable)	Х	
Traction speed limiter when carrying container (adjustable)		Х
Traction speed limiter when not in the carry position		Х
18.00-25 40PR E3 Pneumatic Continental Cranemaster drive and	х	
steer tyres 18.00-25 40PR E4 Pneumatic MRF Muscle Rok drive and steer		Х
tyres 18.00-25 40PR E4 Pneumatic Continental Container Master drive		
and steer tyres 18.00-25 40PR E4 Pneumatic Goodyear ELV-4B drive and steer		Х
tyres		Х
18.00-25 40PR Slick Bridgestone drive and steer tyres	075	X
LIFT	STD	OPT
Hydraulic System with Triple Gear Pump	X	
Automatic Throttle-up when lifting (in neutral or inching)	X	
2 Stage Mast for 5-high 1st row stacking	X	V
2 Stage Mast for 3-high 1st row stacking		X
2 Stage Mast for 4-high 1st row stacking		Х
2 Change Manat for Chine 1 at your standing		
2 Stage Mast for 6-high 1st row stacking		X
Container weighing system SOLAS compliant		Х
Container weighing system SOLAS compliant HANDLING	STD	Х
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage	Х	Х
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope		X OPT
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope	X X	Х
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners	Х	X OPT
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader	X X	X OPT X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks	X X	X OPT X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty	X X	X OPT X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract	X X	X OPT X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty	X X	X OPT X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract	X X	X OPT X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers	X X X	X OPT X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system	X X X X STD	X OPT X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration	X X X X STD	X OPT X X X X X X X X X OPT
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system	X X X X STD X	X OPT X X X X X X X X X OPT
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat	X X X X STD X	X OPT X X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat	X X X X STD X X	X OPT X X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat	X X X X STD X X X X	X OPT X X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover	X X X X STD X X X X	X OPT X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover Vinyl seat cover Seat heating	X X X X STD X X X X	X OPT X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover Vinyl seat cover Seat heating	X X X X X STD X X X X X X X	X OPT X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover Vinyl seat cover Seat heating 2-point high visibility seatbelt	X X X X X STD X X X X X X X	X OPT X X X X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover Vinyl seat cover Seat heating 2-point high visibility seatbelt 3-point high visibility seatbelt	X X X X X STD X STD X X X X X X X X X	X OPT X X X X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover Vinyl seat cover Seat heating 2-point high visibility seatbelt Floor mat	X X X X X STD X STD X X X X X X X X X X X	X OPT X X X X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover Vinyl seat cover Seat heating 2-point high visibility seatbelt Floor mat Front, top and rear wipers	X X X X X STD X STD X X X X X X X X X X X X X X	X OPT X X X X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover Vinyl seat cover Vinyl seat cover Seat heating 2-point high visibility seatbelt Floor mat Front, top and rear wipers Left side handrails, stairway and cabin door	X X X X X STD X STD X X X X X X X X X X X X X X	X 0PT X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover Vinyl seat cover Seat heating 2-point high visibility seatbelt Floor mat Front, top and rear wipers Left side handrails, stairway and cabin door Right side handrails, stairway and cabin door Wire mesh installed on top of operator compartment	X X X X X STD X STD X X X X X X X X X X X X X X	X OPT X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover Vinyl seat cover Seat heating 2-point high visibility seatbelt Floor mat Front, top and rear wipers Left side handrails, stairway and cabin door Wire mesh installed on top of operator compartment 7' digital operator display	X X X X X STD X X X X X X X X X X X X X X X X X X	X OPT X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover Vinyl seat cover Seat heating 2-point high visibility seatbelt Floor mat Front, top and rear wipers Left side handrails, stairway and cabin door Right side handrails, stairway and cabin door Wire mesh installed on top of operator compartment 7' digital operator display Seat-side joystick hydraulic control	X X X X X STD X STD X X X X X X X X X X X X X X X X X X X	X OPT X X X X X X X X X X X X X X X
Container weighing system SOLAS compliant HANDLING CANBus Spreader, ELME Model 818 with Gantry carriage Mechanical Pile Slope Powered Pile Slope 4 lifting eyes located on end beam corners 4 lifting eyes located under center beam of spreader Container guides - located outside near twistlocks Container guides - located outside near twistlocks Container guides - 500mm inset, heavy duty Automatic extend/retract Stops for 30' containers ERGONOMICS Isolated mounting for low noise and vibration Operator presence system Deluxe air suspension seat Low backrest seat High backrest seat Cloth seat cover Vinyl seat cover Seat heating 2-point high visibility seatbelt Floor mat Front, top and rear wipers Left side handrails, stairway and cabin door Wire mesh installed on top of operator compartment 7' digital operator display	X X X X X STD X STD X X X X X X X X X X X X X X X X X X X	X OPT X X X X X X X X X X X X X X X

DC/DC converter 24 volt/12 volt with socketXAir conditioningXAir conditioningXReading lightXReading lightXReading lightXSun shades on top and rearXTrainer seatXRecirculation fanXRear locking consoleXRear locking console in cabXHeated top windowXReat operation set-up (wiring, two speakers and antenna)XRear view camera systemXHalogen work lightsXLED work lightsXLED work lightsXLED toyrall/brake lightsXLED toyrall/brake lightsXLED toyrall/brake lightsXLED turn signals, hazard & marker lightsXVisible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt indicator light switchXLockable fuel capXLockable fuel capXNon-lockable fuel capXLockable fuel capXNon-lockable fuel capXLockable fuel	Telescoping & tilting steering column	Х	
Climate controlXReading lightXReading lightXSun shades on top and rearXRecirculation fanXRear locking consoleXRear locking console in cabXHeated top windowXRadio preparation set-up (wiring, two speakers and antenna)XIT consoleXVISIBILITYSTDDepration set-up (wiring, two speakers and antenna)XRear view camera systemXHalogen work lightsXLED work lightsXLED work lightsXLED toryclitybrake lightsXLED turn signals, hazard & marker lightsXLED turn signals, hazard & marker lightsXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- at light on top of cabXHydrauli locab veriging systemXLockable battery disconnect switchXNATO plug start aidXVister racker wireless asset management - Access / VerificationXNato grassing system for spreaderXAuto grassing system for spreaderXAuto grassing system for spreaderXNato grassing system for basic truck & duret boomXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto grassing system for basic truck & duret boomXAuto grassing system for basic truck & duret bo	DC/DC converter 24 volt/12 volt with socket		Х
Reading lightXSun shades on top and rearXTrainer seatXRecirculation fanXRear locking consoleXRear locking console in cabXHeated top windowXRadio preparation set-up (wiring, two speakers and antenna)XT consoleXVISIBILITYSIDDeptSternal wide angle mirrors mounted on top of front fendersXHalogen work lightsXLED work lightsXLED work lightsXLED train signals, hazard & marker lightsXLED train signals, hazard & marker lightsXVisible alarm – Amber strobe light, switch and key switchXAudible alarm – Amber strobe light, switch and key switchXAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXVister vireless asset management - Access / VerificationXNATO plug start aidXVister racker wireless asset management - Access / VerificationXAuto greasing system for spreaderXAuto greasing system for basic truck & outer boomXAuto greasing system for basic truck & outer boomXAuto greasing system for basic truck & outer boomXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto	Air conditioning	Х	
Les of the second sec	Climate control		Х
Trainer seatXRecirculation fanXRear locking consoleXRear locking console in cabXHeated top windowXRadio preparation set-up (wiring, two speakers and antenna)XIT consoleXVISIBILITYSTDDPTExternal wide angle mirrors mounted on top of front fendersXHalogen work lightsXLED work loghtsXLED work lightsXLED work lightsXLED turn signals, hazard & marker lightsXLED turn signals, hazard & marker lightsXLED turn signals, hazard & marker lightsXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self-adjustingXPersure monitoring systemXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticallyXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticallyXAuto greasing system for inner boom and spreaderXAuto greasing system for inner boom and spreaderXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX	Reading light		Х
Trainer seatXRecirculation fanXRear locking consoleXRear locking console in cabXHeated top windowXRadio preparation set-up (wiring, two speakers and antenna)XIT consoleXVISIBILITYSTDDPTExternal wide angle mirrors mounted on top of front fendersXHalogen work lightsXLED work loghtsXLED work lightsXLED work lightsXLED turn signals, hazard & marker lightsXLED turn signals, hazard & marker lightsXLED turn signals, hazard & marker lightsXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self-adjustingXPersure monitoring systemXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticallyXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticallyXAuto greasing system for inner boom and spreaderXAuto greasing system for inner boom and spreaderXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX	Sun shades on top and rear		Х
Rear locking consoleXRear locking console in cabXRear locking console in cabXReator preparation set-up (wiring, two speakers and antenna)XRadio preparation set-up (wiring, two speakers and antenna)XT consoleXVISIBILITYSTDDPTExternal wide angle mirrors mounted on top of front fendersXRear view camera systemXHalogen work lightsXLED work lightsXLED twistlock indicator lightsXLED twistlock indicator lightsXLED turn signals, hazard & marker lightsXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self-adjustingXForward motion alarmXSeatbelt indicator light on top of cabXHydraulic load weighing systemXIcre pressure monitoring systemXIcokable fuel capXNATO plug start aidXYYHyster Tracker wireless asset management - Access / VrimicationXHyster Tracker wireless asset management - Access / XXHyster Tracker wireless asset management - MonitoringXAuto greasing system for spreaderXLockable fuel capXHyster Tracker wireless asset management - Access / XHyster Tracker wireless asset management - Access / XEngine block heater 230 voltXEngine block heater 230 voltXEngine block heater 230 vo	•		Х
Rear locking consoleXRear locking console in cabXRear locking console in cabXReator preparation set-up (wiring, two speakers and antenna)XRadio preparation set-up (wiring, two speakers and antenna)XT consoleXVISIBILITYSTDDPTExternal wide angle mirrors mounted on top of front fendersXRear view camera systemXHalogen work lightsXLED work lightsXLED twistlock indicator lightsXLED twistlock indicator lightsXLED turn signals, hazard & marker lightsXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self-adjustingXForward motion alarmXSeatbelt indicator light on top of cabXHydraulic load weighing systemXIcre pressure monitoring systemXIcokable fuel capXNATO plug start aidXYYHyster Tracker wireless asset management - Access / VrimicationXHyster Tracker wireless asset management - Access / XXHyster Tracker wireless asset management - MonitoringXAuto greasing system for spreaderXLockable fuel capXHyster Tracker wireless asset management - Access / XHyster Tracker wireless asset management - Access / XEngine block heater 230 voltXEngine block heater 230 voltXEngine block heater 230 vo	Recirculation fan	Х	
Rear locking console in cabXHeated top windowXRadio preparation set-up (wiring, two speakers and antenna)XIT consoleXVISIBILITYSTDExternal wide angle mirrors mounted on top of front fendersXRear view camera systemXHalogen work lightsXLED work lightsXLED twistlock indicator lightsXLED twistlock indicator lightsXLED twistlock indicator lightsXLED turn signals, hazard & marker lightsXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXSeatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXTire pressure monitoring systemXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXLockable fuel capXAuto greasing system for spreaderXAuto greasing system for spreaderXLockable fuel capXHyster Tracker wireless asset management systemXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXLockable fuel capXHyster Tracker wireless asset management - Access / XXHyster Tracker wireles			Х
Heated top windowXRadio preparation set-up (wiring, two speakers and antenna)XIT consoleXVISIBILITYSTDOPTExternal wide angle mirrors mounted on top of front fendersXRear view camera systemXHalogen work lightsXLED work lightsXLED work lightsXLED tory signals, hazard & marker lightsXLED stop/tail/brake lightsXLED turn signals, hazard & marker lightsXOPERATIONSTDElectric air horn 112 dBAXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt interlock for engine startXLockable battery disconnect switchXNATO plug start aidX"Tenpt seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable battery disconnect switchXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for inner boom and spreaderXAuto greasing system for inner boom and spreaderXSter wheel lug nut protectionXSter wheel lug nut protectionXSter wheel lug nut protectionXSter wheel lug nut protectionXSter wheel lug nut protectionXSte	0		
Radio preparation set-up (wiring, two speakers and antenna)XIT consoleXVISBLITYSTDOPTExternal wide angle mirrors mounted on top of front fendersXRear view camera systemXHalogen work lightsXLED work lightsXLED work lightsXLED top/tail/brake lightsXLED stop/tail/brake lightsXLED trus signals, hazard & marker lightsXOPERATIONSTDOPERATIONSTDSeatbelt interlock for engine startXAudible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt interlock for engine startXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXAuto greasing system for inner boom and syreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderXSate belt indicator light on top of cabXHyster Tracker wireless asset management - MonitoringXLockable battery disconnect switchXNon-lockable fuel capXLockable fuel	5		
IT consoleXVISIBILITYSTDOPTExternal wide angle mirrors mounted on top of front fendersXRear view camera systemXHalogen work lightsXLED work lightsXLED twistlock indicator lightsXLED twistlock indicator lightsXLED try signals, hazard & marker lightsXLED turn signals, hazard & marker lightsXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt interlock for engine startXNato plug start aidX"The pressure monitoring systemXThe reserse "engine shutdown, adjustable automaticalyXNon-lockable fuel capXVerificationXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - Monitoring Auto greasing system for spreaderXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXStart auto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXXSteer wheel lug nut protectionXEngine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXSupplementalX </td <td></td> <td></td> <td></td>			
VISIBILITYSTDOPTExternal wide angle mirrors mounted on top of front fendersXRear view camera systemXHalogen work lightsXLED work lightsXLED work lightsXLED twistlock indicator lightsXLED stoyltail/brake lightsXLED turn signals, hazard & marker lightsXOPERATIONSTDDPTE electric air horn 112 dBAXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Amber strobe light, switch and key switch activated*XSeatbelt interlock for engine startXSeatbelt interlock for engine startXNatop lug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNATO plug start aidX"Entyseat" engine shutdown, adjustable automaticalyXNyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / verificationXAuto greasing system for inner boom and spreaderXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXSter wheel lug nut protectionXEngine block heater 240 voltXSter wheel lug nut protection <td></td> <td></td> <td></td>			
External wide angle mirrors mounted on top of front fendersXRear view camera systemXHalogen work lightsXLED work lightsXLED work lightsXLED twistlock indicator lightsXLED stop/tail/brake lightsXLED turn signals, hazard & marker lightsXOPERATIONSTDOPTRationSTDOPERATIONSTDElectric air horn 112 dBAXVisible alarm - Amber strobe light, switch and key switch activated*XAudible alarm - Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt indicator light on top of cabXHydraulic load weighing systemXIcakable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNyster Tracker wireless asset management - Access / verificationXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for inner boom and spreaderX <td></td> <td>стп</td> <td></td>		стп	
Rear view camera systemXHalogen work lightsXLED work lightsXLED work lightsXLED work lightsXLED twistlock indicator lightsXLED stop/tail/brake lightsXLED turn signals, hazard & marker lightsXOPERATIONSTDElectric air horn 112 dBAXVisible alarm - Amber strobe light, switch and key switch activated"XAudible alarm - Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXEngine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXSteer wheel lug nut protectionXEngine compartment lightXSpecial paint base truckXSpecial paint base truckXSpecial paint base truckXSpecial paint base truckX		-	UFI
Halogen work lightsXLED work lightsXHigh Performance LED work lightsXLED twistlock indicator lightsXLED stop/tail/brake lightsXLED stop/tail/brake lightsXLED turn signals, hazard & marker lightsXOPERATIONSTD OPTElectric air horn 112 dBAXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self-activated*XSeatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXTire pressure monitoring systemXLockable battery disconnect switchXNon-lockable fuel capXLockable battery disconnect switchXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - Access / VerificationXAuto greasing system for spreaderXAuto greasing system for spreaderXSter wheel lug nut protectionXEngine block heater 240 voltXSter wheel lug nut protectionXEngine compartment lightXApperanceXSpecial paint base truckXSpecial paint base truckXSpecial paint		Χ.	
LED work lightsXHigh Performance LED work lightsXLED twistlock indicator lightsXLED stop/tail/brake lightsXLED turn signals, hazard & marker lightsXDPERATIONSTDDPTElectric air horn 112 dBAXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXSeatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXTire pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidXWerifractorXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - Access / XXAuto greasing system for basic truck & outer boomXAuto greasing system for basic truck & outer boomXAuto greasing system for breaderXAuto greasing system for basic truck & outer boomXAuto greasing system for breaderXAuto greasing system fo			X
High Performance LED work lightsXLED twistlock indicator lightsXLED twistlock indicator lightsXLED turn signals, hazard & marker lightsXOPERATIONSTDElectric air horn 112 dBAXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt interlock for engine startXSeatbelt interlock for engine startXItre pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management - MonitoringXAuto greasing system for inner boom and spreaderXAuto greasing system for inner boom and spreaderXAppEARANCESTDOPTHyster vellow paint base truckXSter wheel lug nut protectionXSter wheel lug nut protectionXSter wheel lug nut protectionXSpecial paint base truckXSpecial paint base truckXGrepter Strain for inner boom and spreaderXAuto greasing system for inner boom and spreader <td< td=""><td></td><td>Х</td><td></td></td<>		Х	
LED twistlock indicator lightsXLED stop/tail/brake lightsXLED turn signals, hazard & marker lightsXOPERATIONSTDOPTElectric air horn 112 dBAXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXIrre pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXAuto greasing system for basic truck & outer boomXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXSter wheel lug nut protectionXEngine block heater 230 voltXSter wheel lug nut protectionXSter wheel lug nut protectionXSter wheel lug nut protectionXSter wheel lug nut protectionXSter wheel lug nut protectionXSupplicationXAuto greasing striping on counter	-		
LED stop/tail/brake lightsXLED turn signals, hazard & marker lightsXOPERATIONSTDOPTElectric air horn 112 dBAXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXIrre pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderXEngine block heater 230 voltXSter wheel lug nut protectionXSter wheel lug nut protectionXSpecial paint base truckXSpecial paint base truckXMazard warning striping on counterweightXSter wheel lug nut protectionXKarding readerXSpecial paint base truckXGreating striping on counterweightXSter wheel lug nut protectionXKarding read			
LED turn signals, hazard & marker lightsXOPERATIONSTDOPTElectric air horn 112 dBAXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- activated*XForward motion alarmXSeatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXTre pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXEngine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXAppEARANCESTDOPTHyster yellow paint base truckXSupecial paint base truckXGregin paint base truckXCectrificationX			Х
OPERATIONSTDOPTElectric air horn 112 dBAXXVisible alarm – Amber strobe light, switch and key switch activated*XXAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXXForward motion alarmXXSeatbelt interlock for engine startXXSeatbelt indicator light on top of cabXXHydraulic load weighing systemXXLockable battery disconnect switchXXNATO plug start aidXX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXXLockable fuel capXXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXEngine compartment lightXAppEARANCESTDHyster yellow paint base truckXSupecial paint base truckXHyster yellow paint base truckXGeratir and striping on counterweightXStre order of smanualXC certificationX		Х	
Electric air horn 112 dBAXVisible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXTire pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXLockable fuel capXLockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderXZ4 volt electrical systemXEngine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXEngine compartment lightXApperARANCESTDHyster yellow paint base truckXSupecial paint base truckXSupecial paint base truckXGeratify smanalXCe certificationX	LED turn signals, hazard & marker lights	Х	
Visible alarm – Amber strobe light, switch and key switch activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXTire pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXAuto greasing system for basic truck & outer boomXAuto greasing system for spreaderXAuto greasing system for spreaderXZ4 volt electrical systemXSteer wheel lug nut protectionXEngine block heater 230 voltXSteer wheel lug nut protectionXApperaranceSTDOprtHyster yellow paint base truckXSuperial paint base truckXSuperial paint base truckXGerevificationXCe certificationX	OPERATION	STD	OPT
activated*XAudible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXTire pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXAuto greasing system for basic truck & outer boomXAuto greasing system for spreaderXAuto greasing system for spreaderXSteer wheel lug nut protectionXEngine block heater 230 voltXXXSteer wheel lug nut protectionXKapecial paint base truckXSter wheel lug nut protectionXHyster yellow paint base truckXSupecial paint base truckXSupecial paint base truckXHyster yellow paint base truckXGeretificationXKard Greater String on counterweightXKard Greater String on counterweightXCE certificationXKard Greater String on counterweightXKard Greater String on counterweightXKard Greater String on counterweightX	Electric air horn 112 dBA	Х	
Audible alarm – Reverse direction activated 82–102 dB(A), self- adjustingXForward motion alarmXSeatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXTire pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXAuto greasing system for basic truck & outer boomXAuto greasing system for basic truck & outer boomXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXSteer wheel lug nut protectionXRyster yellow paint base truckXSuperLenkAnCESTDHyster yellow paint base truckXSupPLEMENTALSTDLiterature packageXOperator's manualXCE certificationX		Х	
Seatbelt interlock for engine startXSeatbelt indicator light on top of cabXHydraulic load weighing systemXTire pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderX24 volt electrical systemXEngine block heater 230 voltXEngine compartment lightXAPPEARANCESTDHyster yellow paint base truckXSpecial paint base truckXSuppletMentalXCe certificationXKatard warning striping on counterweightXSuppletMentalXCe certificationX	Audible alarm – Reverse direction activated 82–102 dB(A), self-	Х	
Seatbelt indicator light on top of cabXHydraulic load weighing systemXTire pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXEngine compartment lightXAPPEARANCESTDOPTHyster yellow paint base truckXSuppletMentalXCe certificationXCE certificationX	Forward motion alarm		Х
Hydraulic load weighing systemXTire pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXSteer wheel lug nut protectionXAppEARANCESTDOPTHyster yellow paint base truckXSuppletement lightXActing again base truckXCe certificationXCe certificationX	Seatbelt interlock for engine start		Х
Tire pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXSteer wheel lug nut protectionXEngine compartment lightXAppeARANCESTDHyster yellow paint base truckXSuppLEMENTALSTDLiterature packageXQperator's manualXCE certificationX	Seatbelt indicator light on top of cab		Х
Tire pressure monitoring systemXLockable battery disconnect switchXNATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXSteer wheel lug nut protectionXEngine compartment lightXAppeARANCESTDHyster yellow paint base truckXSuppLEMENTALSTDLiterature packageXQperator's manualXCE certificationX			Х
NATO plug start aidX"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXSteer wheel lug nut protectionXEngine compartment lightXAPPEARANCESTDHyster yellow paint base truckXSuppLEMENTALSTDLiterature packageXQperator's manualXCE certificationX			Х
"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXSteer wheel lug nut protectionXEngine compartment lightXAPPEARANCESTDHyster yellow paint base truckXSuppLEMENTALSTDLiterature packageXQperator's manualXCE certificationX	Lockable battery disconnect switch	Х	
"Empty seat" engine shutdown, adjustable automaticalyXNon-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXSteer wheel lug nut protectionXEngine compartment lightXAPPEARANCESTDHyster yellow paint base truckXSuppLEMENTALSTDLiterature packageXQperator's manualXCE certificationX	NATO plug start aid		Х
Non-lockable fuel capXLockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXSteer wheel lug nut protectionXAppEARANCESTDHyster yellow paint base truckXSupplemental base truckXSupplementalXCertificationXCertificationXCertificationXCertificationXKasterX <t< td=""><td></td><td></td><td>Х</td></t<>			Х
Lockable fuel capXHyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXSteer wheel lug nut protectionXAppEARANCESTDHyster yellow paint base truckXSupecial paint base truckXSuppLEMENTALSTDLiterature packageXQperator's manualXCE certificationX		Х	
Hyster Tracker wireless asset management systemXHyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXSteer wheel lug nut protectionXAppEARANCESTDHyster yellow paint base truckXSuperial paint base truckXSuperial paint base truckXCirclature packageXQperator's manualXC certificationX			Х
Hyster Tracker wireless asset management - Access / VerificationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXPPEARANCESTDHyster yellow paint base truckXSupplementation of striping on counterweightXSterating striping on counterweightXC c certificationX	•		Х
VernicationXHyster Tracker wireless asset management - MonitoringXAuto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXEngine compartment lightXAppeARANCESTDHyster yellow paint base truckXSupecial paint base truckXSuppLEMENTALSTDLiterature packageXOperator's manualXCE certificationX		v	
Auto greasing system for basic truck & outer boomXAuto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXEngine compartment lightXAppEARANCESTDHyster yellow paint base truckXSpecial paint base truckXSUPPLEMENTALSTDLiterature packageXQperator's manualXCE certificationX	Vérification	Χ.	
Auto greasing system for inner boom and spreaderXAuto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXEngine compartment lightXAppEaRANCESTDHyster yellow paint base truckXSpecial paint base truckXSupplementation on counterweightXSupplementationXCertificationXCe certificationX			Х
Auto greasing system for spreaderX24 volt electrical systemXEngine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXEngine compartment lightXAPPEARANCESTDHyster yellow paint base truckXSupplementation of the struckXSupplementation of the struckXCe certificationX			Х
24 volt electrical systemXEngine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXEngine compartment lightXAPPEARANCESTDHyster yellow paint base truckXSpecial paint base truckXSUPPLEMENTALSTDLiterature packageXOperator's manualXCE certificationX			Х
Engine block heater 230 voltXEngine block heater 240 voltXSteer wheel lug nut protectionXEngine compartment lightXAPPEARANCESTDHyster yellow paint base truckXSpecial paint base truckXHazard warning striping on counterweightXSUPPLEMENTALSTDLiterature packageXOperator's manualXCE certificationX	Auto greasing system for spreader	Х	
Engine block heater 240 voltXSteer wheel lug nut protectionXEngine compartment lightXAPPEARANCESTDHyster yellow paint base truckXSpecial paint base truckXHazard warning striping on counterweightXSUPPLEMENTALSTDLiterature packageXQperator's manualXCE certificationX	24 volt electrical system	Х	
Steer wheel lug nut protection X Engine compartment light X APPEARANCE STD OPT Hyster yellow paint base truck X Special paint base truck X Hazard warning striping on counterweight X SUPPLEMENTAL STD OPT Literature package X Operator's manual X CE certification X	Engine block heater 230 volt		Х
Engine compartment lightXAPPEARANCESTDOPTHyster yellow paint base truckXSpecial paint base truckXHazard warning striping on counterweightXSUPPLEMENTALSTDLiterature packageXOperator's manualXCE certificationX	Engine block heater 240 volt		Х
APPEARANCE STD OPT Hyster yellow paint base truck X X Special paint base truck X X Hazard warning striping on counterweight X X SUPPLEMENTAL STD OPT Literature package X X Operator's manual X X	Steer wheel lug nut protection	Х	
Hyster yellow paint base truck X Special paint base truck X Hazard warning striping on counterweight X SUPPLEMENTAL STD Literature package X Operator's manual X CE certification X	Engine compartment light		Х
Special paint base truck X Hazard warning striping on counterweight X SUPPLEMENTAL STD OPT Literature package X Operator's manual X CE certification X	APPEARANCE	STD	OPT
Hazard warning striping on counterweight X SUPPLEMENTAL STD OPT Literature package X Operator's manual X CE certification X	Hyster yellow paint base truck	Х	
SUPPLEMENTALSTDOPTLiterature packageXOperator's manualXCE certificationX	Special paint base truck		Х
Literature package X Operator's manual X CE certification X	Hazard warning striping on counterweight		Х
Operator's manual X CE certification X	SUPPLEMENTAL	STD	OPT
CE certification X			
Warranty: 12 Months / 2,000 hours manufacturer's warranty X			
	Warranty: 12 Months / 2,000 hours manufacturer's warranty	Х	

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

STRONG PARTNERS. TOUGH TRUCKS."

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-YALE UK LIMITED trading as Hyster Europe. Registered Address: Centennial House, Building 4.5, Frimley Business Park, Frimley, Surrey GU16 7SG, United Kingdom. Registered in England and Wales. Company Registration Number: 02636775.

©2018 HYSTER-YALE UK LIMITED, all rights reserved. HYSTER, 🔛 STRONG PARTNERS. TOUGH TRUCKS., MONOTROL and 💽 are trademarks of HYSTER-YALE Group, Inc. Cummins is a trademark of Cummins Inc. Spicer Off-Highway is a trademark of Dana Inc. Kessler is a trademark of Kessler & Co. GmbH & Co. KG. Continental is a trademark of Continental AG. Goodyear is a trademark of The Goodyear Tire & Rubber Company. MRF is a trademark of Madras Rubber Factory Limited. Bridgestone i strademark of Bridgestone Corporation. Hyster products are subject to change without notice. Forklift trucks illustrated may feature optional equipment.