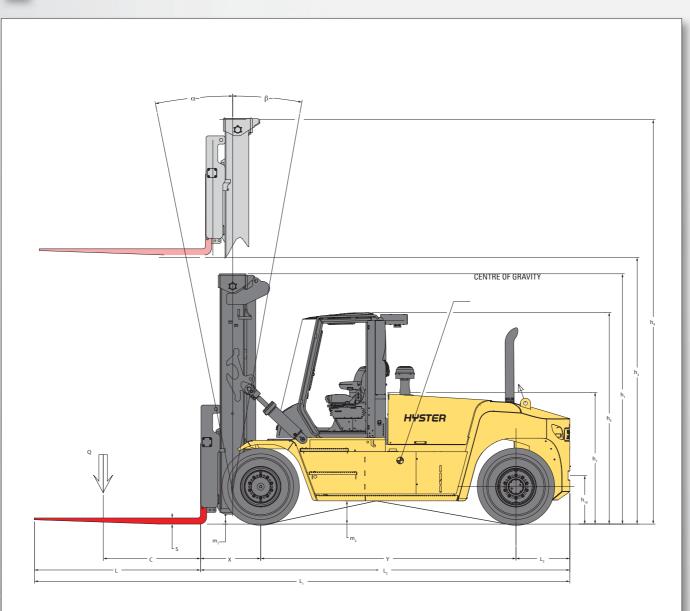




H16-18XD SERIES TECHNICAL GUIDE

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DIMENSIONS



Centre of gravity of unladen truck

 $A_{ST} = W_a + x + I_6 + a \text{ (if } b_{12}/2 < b_{13})$

 $A_{ST} \quad = \quad W_a \, + \, ((I_6 + x)^{\wedge 2} \, + \, (b_{12}/2 - b_{13})^{\wedge 0.5} \, + \, a \, \, (\text{if} \, \, b_{12}/2 \, > \, b_{13} \, \, \text{and} \, \, W_a \, > \, b_{13+} \, b_{12}/2)$

 $A_{ST} = b_{13} + b_{12}/2 \; ((l_6 + x)^2 + (b_{12}/2 - b_{13})^{0.5} + a \; (if \; b_{12}/2 > b_{13} \; and \; W_a < b_{13} + b_{12}/2)$

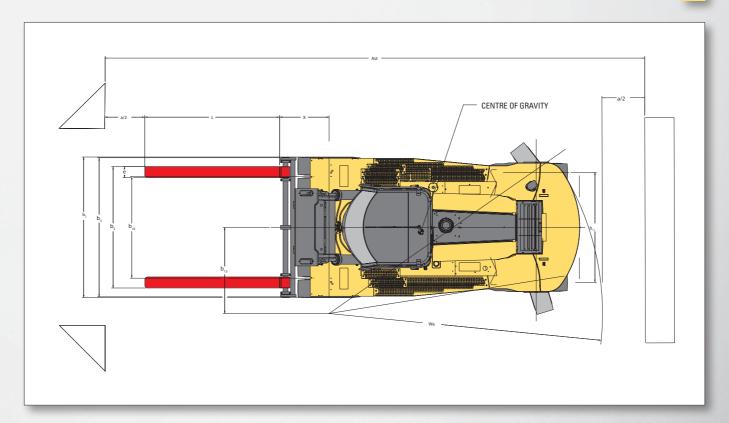
a = Minimum operating clearance = 10% of A_{ST}

(VDI standard = 200 mm BITA recommendation = 300 mm)

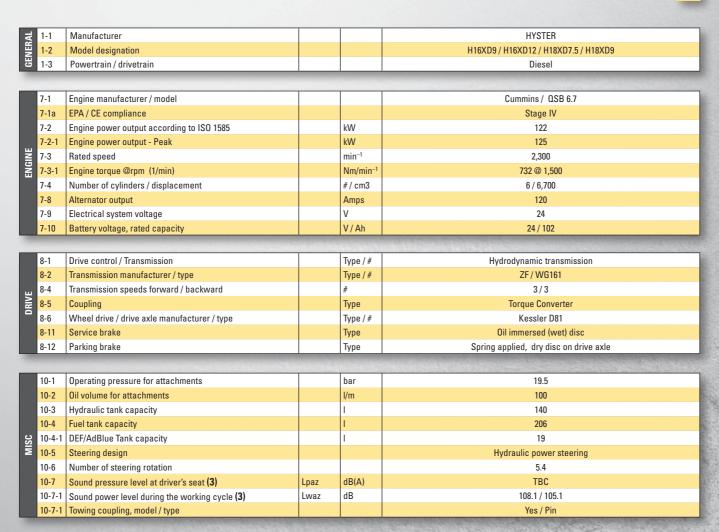
 I_6 = load lengths

 b_{12} = load width

DIMENSIONS <



POWERTRAINS <



> H16XD9 / H16XD12 SPECIFICATIONS

	1-1	Manufacturer			HYS	TER	HYS	TER
	1-2	Model designation			H16XD9 Diesel		H16XD9 H16XD12	
	1-3	Powertrain / drivetrain					Diesel	
¥	1-4	Operator type			Sea		Sea	
GENERAL	1-5	Load capacity at load center, nominal (1)	Q	kg	16,0		16,	
8	1-6	Load center distance	С	mm	90		1,2	
	1-8	Load distance	х	mm	97		97	
	1-9	Wheelbase	У	mm	3,7			50
	2-1	Service weight (1)	У	kg	21,8		23,	
WEIGHT	2-2	Axle loading with load, front / rear		kg	35,318	2,519	36,537	2,799
N N	2-3	Axle loading without load, front / rear		kg	11,326	10,510	11,266	12,071
	3-1	Tyre type		ĸy	Pneu	•		matic
	3-2	Tyre size, front				12.00 R 20		
လူ	3-3	Tyre size, rear			12.00 R 20		12.00 R 20 12.00 R 20	
WHEELS	3-5	Wheels, number front / rear (x = driven wheels)			4X / 2			/ 2
>	3-6	Tread, front	h	mm	2,2			18
	3-7	Tread, rear	b ₁₀	mm	1,9			94
	4-1	Mast tilt, forward / backward	α/β	deg	6° /		6° /	
	4-1	Height, mast lowered	α/p h ₁	mm	3,9			85
	4-2	Free lift	h ₂	mm	3,9		ى. (
	4-3	Lift	h ₃	mm	4,4			94
	4-5	Height, mast extended	h ₄	mm	6,2			32
	4-7	Height of overhead guard (closed cab)	h ₆	mm	3,0			
	4-7-1	Height of overhead guard (closed cab)	h ₆	mm	3,1		3,083 3,110	
	4-7-2	Height of overhead guard (closed cab w/ strobe light)	h ₆	mm	3,1			10
	4-7-3	Height of overhead guard (closed cab w/ work lights)	h ₆	mm	3,2		3,205	
	4-7-4	Height of overhead guard (closed cab w/ work lights)	h ₆	mm	3,2		3,259	
	4-7-5	Height of overhead guard (closed cab w/ aircon & strobe light)	h ₆	mm	3,2		3,235	
	4-8	Seat height to SIP	h ₇	mm	1,903		1,903	
	4-12	Coupling height	h ₁₀	mm	713		713	
DIMENSIONS	4-16	Overhang	l ₅	mm	79	11	791	
NSI I	4-19	Overall length	l ₁	mm	7,954		7,9	54
Ĭ	4-20	Length to face of forks	l ₂	mm	5,5	14	5,5	14
	4-21	Overall width	b ₂	mm	2,542		2,5	42
	4-22	Fork dimensions ISO 2331	s/e/l	mm	100 / 200	0 / 2,440	100 / 200 / 2,440	
	4-23	Fork carriage type			Dual Function - Sides	shift/Fork Positioning	Dual Function - Side	shift/Fork Positioning
	4-24	Fork carriage width	b ₃	mm	2,5	40	2,5	40
	4-25	Width over forks (min / max)	b ₅	mm	575	2,425	575	2,425
	4-30	Sideshift @ width over forks	b ₈	mm	0-468	1,510	0-468	1,510
	4-31	Ground clearance, laden, below mast	m ₁	mm	18	37	18	37
	4-32	Ground clearance, centre of wheelbase	m ₂	mm	34	11	34	11
	4-33	Load dimension $b_{12} \times I_6$ crossways		mm	2,400	2,400	2,400	2,400
	4-34-1-2	Aisle width, with 200 mm operating clearance	Ast	mm	8,7	73	8,773	
	4-34-1-3	Aisle width, with 10% operating clearance	Ast	mm	9,4	30	9,430	
	4-35	Outside turning radius	Wa	mm	5,2		5,200	
	4-36	Internal turning radius	b ₁₃	mm	2,0			26
	5-1	Travel speed, with / without load (2)		km/h	27.1	28.7	27.1	28.7
	5-1-1	Travel speed, with load locked / without load (2)		km/h	On re		On re	
뜅	5-2	Lifting speed, with / without load backwards		m/s	0.39	0.44	0.39	0.44
MAN	5-2-1	Lifting speed, with 70% load		m/s	0.4			42
PERFORMANCE	5-3	Lowering speed with / without load		m/s	0.54	0.45	0.54	0.45
H	5-5	Drawbar pull - 1.6 km/h 1 mph, with / without load		kN	106	109	106	109
	5-5-1 6.7	Drawbar pull - stall, with / without load		kN o/	120	123	120	123
	5-7	Gradeability - 1.6 km/h 1 mph, with / without load		%	30	36	29	33
10 525	5-7-1	Gradeability - stall, with / without load		%	35	36	33	33

⁽¹⁾ Based on Stage IIIB engine

⁽²⁾ Travel speed unladen limited at 25 km/h as factory default

H18XD7.5 / H18XD9 SPECIFICATIONS <



	1-1	Manufacturer			HYS	TER	HYS	TER
	1-2	Model designation			H18XD7.5		H18XD9	
	1-3	Powertrain / drivetrain			Diesel		Diesel	
RAL	1-4	Operator type			Sea		Seated	
GENERAL	1-5	Load capacity at load center, nominal (1)	Q	kg	18,0		18,	
<u> </u>	1-6	Load center distance	C ₁	mm	75	50	9(00
	1-8	Load distance	х	mm	97			13
	1-9	Wheelbase	у	mm	3,7		3,7	
F	2-1	Service weight (1)	,	kg	21,		23,	
WEIGHT	2-2	Axle loading with load, front / rear		kg	36,429	2,607	37,057	3,480
3	2-3	Axle loading without load, front / rear		kg	11,326	10,510	11,266	12,071
	3-1	Tyre type		Ū	Pneu	matic	Pneu	matic
	3-2	Tyre size, front			12.00	R 20	12.00 R 20	
EES	3-3	Tyre size, rear			12.00	R 20	12.00	R 20
WHEELS	3-5	Wheels, number front / rear (x = driven wheels)			4X / 2		4X	/ 2
	3-6	Tread, front	b ₁₀	mm	2,2	18	2,2	18
	3-7	Tread, rear	b ₁₁	mm	1,9	94	1,9	94
	4-1	Mast tilt, forward / backward	α/β	deg	6°/	10°	6°/	10°
	4-2	Height, mast lowered	h ₁	mm	3,9	85	3,9	85
	4-3	Free lift	h ₂	mm	()	()
	4-4	Lift	h ₃	mm	4,4	94	4,4	94
	4-5	Height, mast extended	h ₄	mm	6,2	32	6,2	32
	4-7	Height of overhead guard (closed cab)	h ₆	mm	3,0	83	3,0	83
	4-7-1	Height of overhead guard (closed cab)	h ₆	mm	3,1	10	3,110	
	4-7-2	Height of overhead guard (closed cab w/ strobe light)	h ₆	mm	3,1	10	3,1	10
	4-7-3	Height of overhead guard (closed cab w/ work lights)	h ₆	mm	3,2	05	3,205	
	4-7-4	Height of overhead guard (closed cab w/ work lights)	h ₆	mm	3,2	59	3,259	
	4-7-5	Height of overhead guard (closed cab w/ aircon & strobe light)	h ₆	mm	3,2	35	3,235	
	4-8	Seat height to SIP	h ₇	mm	1,903		1,903	
S	4-12	Coupling height	h ₁₀	mm	71	3	713	
NO.	4-16	Overhang	l ₅	mm	79	91	79	91
DIMENSIONS	4-19	Overall length	l ₁	mm	7,9	54	7,9	54
	4-20	Length to face of forks	l ₂	mm	5,5	14	5,5	i14
	4-21	Overall width	b ₂	mm	2,542		2,542	
	4-22	Fork dimensions ISO 2331	s/e/l	mm	100 / 200 / 2,440		100 / 200 / 2,440	
	4-23	Fork carriage type			Dual Function - Sideshift/Fork Positioning			
	4-24	Fork carriage width	b ₃	mm	2,5		2,5	
	4-25	Width over forks (min / max)	b ₅	mm	575	2,425	575	2,425
	4-30	Sideshift @ width over forks	b ₈	mm	0-468	1,510	0-468	1,510
	4-31	Ground clearance, laden, below mast	m ₁	mm	18		18	
	4-32	Ground clearance, centre of wheelbase	m ₂	mm	3400		3.400	
	4-33	Load dimension b ₁₂ × l ₆ crossways	۸۰۰	mm	2,400	2,400	2,400	2,400
		Aisle width, with 200 mm operating clearance	Ast	mm	8,7		8,773 9,430	
	4-34-1-3	Aisle width, with 10% operating clearance	Ast	mm	9,4			
	4-35	Outside turning radius Internal turning radius	Wa	mm	5,2		5,200 2,026	
	4-36 5-1	Travel speed, with / without load (2)	b ₁₃	mm km/h	2,0 27.4	29.0		
	5-1-1	1 1 1		km/h			27.1	28.7
	5-1-1 5-2	Travel speed, with load locked / without load (2)		km/h	On request			quest 0.44
	5-2-1	Lifting speed, with / without load backwards Lifting speed, with 70% load		m/s	0.37	0.44	0.37 0.	0.44
ΔM	5-2-1 5-3	Litting speed, with 70% load Lowering speed with / without load		m/s m/s	0.54	0.45	0.54	0.45
PERFORMANCE	5-5	Drawbar pull - 1.6 km/h 1 mph, with / without load		kN	106	109	106	109
H.	5-5-1	Drawbar pull - stall, with / without load		kN	120	123	120	123
	5-7	Gradeability - 1.6 km/h 1 mph, with / without load		%	29	36	27	33
	5-7-1	Gradeability - 1.0 kili/ii 1 ilipii, with / without load		%	33	36	31	33
	J-1-1	Oraceability - Stall, With / Without 10du		/0	აა	J0	υI	აა

⁽¹⁾ Based on Stage IIIB engine(2) Travel speed unladen limited at 25 km/h as factory default



MAST AND CAPACITY INFORMATION

H16XD9 RATED CAPACITY KG@ 900 MM LOAD CENTRE/ H16XD12 RATED CAPACITY KG@ 1200 MM LOAD CENTRE

	Lift height	Lowered height	Free lift height	Extended height	QD DFSSFP	FSSFP carriage (kg)
	h ₃ + s (mm)	h ₁ (mm)	h ₂ + s (m)	h ₄ (mm)	H16XD9	H16XD12
	3884	3680	0	5622	16,000	16,000
2 STAGE NFL	4494	3985	0	6232	16,000	16,000
2 ST N	5306	4391	0	7044	16,000	16,000
	6119*	4798	0	7858	15,700	15,700

H16XD7.5 RATED CAPACITY KG@ 750 MM LOAD CENTRE/ H18XD9 RATED CAPACITY KG@ 900 MM LOAD CENTRE

	Lift height	Lowered height	Free lift height	eight Extended height		carriage (kg)
	h ₃ + s (mm)	h ₁ (mm)	h ₂ + s (m)	h ₄ (mm)	H18XD7.5	H18XD9
	3884	3680	0	5622	18,000	18,000
2 STAGE NFL	4494	3985	0	6232	18,000	18,000
2 ST N	5306	4391	0	7044	18,000	18,000
	6119*	4798	0	7858	17,650	17,650

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) Based on Stage IIIB engine(2) Travel speed laden limited at 25 km/h as factory default
- (3) Stage IV engine measured with low and high mount exhaust options

All capacities are according to EN1551.

* calculated with 350 mm sideshift carriage

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. application should be discussed with your dealer.

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

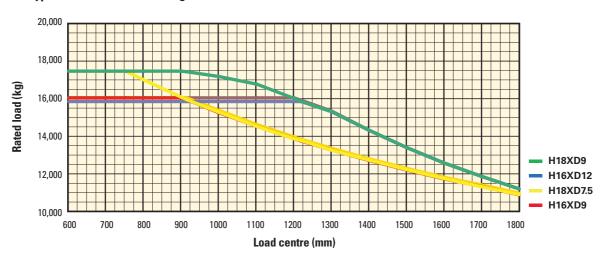
Specification data is based on VDI 2198.

Safety: This truck conforms to the current EU and ANSI requirements.

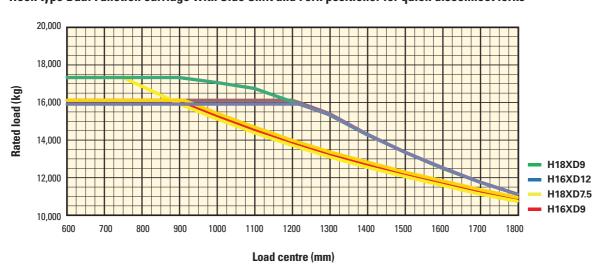
RATED CAPACITIES <

Pin Type Carriage 20,000 18,000 16,000 14,000 12,000 1000 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 H18XD7.5 H16XD9 Load centre (mm)

Pin type Side Shift frame carriage



Hook type Dual Function carriage with Side Shift and Fork positioner for quick disconnect forks



Load centre - distance from front of forks to centre of gravity of load.

Rated load - based on vertical mast.

> FEATURES AND OPTIONS

PERFORMANCE	STD	ОРТ
		UPI
Cummins QSB 6.7L diesel engine rated /122 kW Stage IV / 164 hp Tier 4F	Х	
Stage IV / Tier 4 compliant	Х	
Variable geometry turbocharger, water cooled*	Х	
On-demand cooling fan	Х	
120 amp alternator	Х	
Performance modes	Х	
Powertrain protection system	Х	
Heavy duty air intake	Х	
Heavy duty air intake (raised)		Χ
High mount exhaust	Х	
ZF Transmission WG161 3-speeds forwardd/3-speeds reverse auto-shifting	Х	
Kessler D81 drive axle with wet disc brakes	Х	
DRIVE	STD	ОРТ
Speed limiter - unconditional and customer adjustable		Х
Travel speed limiter - loaded (adjustable)		Х
12.00 - 20 20 Pneumatic Bias Drive Tyres	Х	
12.00 - R20 Michelin XZM Radial drive and steer tyres		Х
LIFT	STD	ОРТ
120cc dual pump hydraulic system	Х	
On-demand load sensing hydraulic system	Х	
Automatic throttle-up when lifting (in neutral or inching)	Х	
2 Stage Non Free Lift mast	Х	
2 Stage Full Free Lift mast		Х
3 Stage Full Free Lift mast		Х
Mast tilt - 6° Forward / 10° Back	Х	
Mast tilt - 10.5° Forward / 12° Back		Х
Mast tilt - 15° Forward / 10° Back		Х
Hydraulic accumulator		Х
Pressure compensated lowering	Х	
Hydraulic system temperature protection		Х
HANDLING	STD	ОРТ
Mast tilt Indicator - Mechanical		Х
2540mm (100") Pin type carriage with mechanical fork locks		Х
2540mm (100") Pin type carriage with individual fork positioner		Х
2540mm (100") Pin type apron-style sideshift carriage		Х
2540mm (100") Pin Dual function sideshift carriage with individual fork positioner with integral forks	Х	
2540mm (100") Pin Dual function sideshift carriage with individual fork positioner with Quick Disconnect forks		Х
2540mm (100") Pin Ttype apron-style sideshift carriage with individual fork positioner		Х
Simultaneous fork positioning		Х
2440mm (96") length pin type forks	Х	
2440mm (96") length hook type forks		Х
2440mm (96") length integral forks		Х
ERGONOMICS	STD	ОРТ
Open operator compartment (without doors and screens)	Х	
Enclosed operator cabin	<u> </u>	Х

Powered tilt operator compartment for service X Manual tilt operator compartment for service X Isolated cabin mounting for low noise and vibration X Operator presence system X Mechanical suspension seat X Low backrest seat X Low backrest seat X High backrest seat X Additional armest on left side X Cloth seat cover X Vinyl seat cover X Seat heating X Seat ventilation X 3-point high visibility seatbelt X 2-point high visibility seatbelt X 3-point high visibility seatbelt X Lateral seat sliding mechanism X Floor mat X Coat hook X Dimmable interior light X Front, top and rear wipers X H*-pattern front wiper X 1*-pattern front wiper X 1*-pattern front wiper X 1*-pattern front wiper X 1*-pattern	ERGONOMICS (continued)	STD	ОРТ
Isolated cabin mounting for low noise and vibration X Operator presence system X Mechanical suspension seat X Air suspension seat X Low backrest seat X High backrest seat X Additional armest on left side X Cloth seat cover X Vinyl seat cover X Seat heating X Seat ventilation X 2-point high visibility seatbelt X 3-point high visibility seatbelt X Lateral seat sliding mechanism X Floor mat X Coat hook X Dimmable interior light X Front, top and rear wipers X T*-pattern front wiper X Laminated glass operator compartment front window X Laminated glass operator compartment front window X Lexan top window with armoured glass top window (enclosed operator cabin) X Tinted operator compartment windows (all) X Lexan top window X Vertical steel bar fro	Powered tilt operator compartment for service		Х
Operator presence system X Mechanical suspension seat X Air suspension seat X Deluxe air suspension seat X Low backrest seat X High backrest seat X Additional amrest on left side X Cloth seat cover X Vinyl seat cover X Seat heating X Seat ventilation X 2-point high visibility seatbelt X 2-point high visibility seatbelt X 2-point high visibility seatbelt X Lateral seat sliding mechanism X Floor mat X Coat hook X Dimmable interior light X Front, top and rear wipers X "H"-pattern front wiper X "P-pattern front wiper X Laminated glass operator compartment front window X Top window with armoured glass - FOPS certified (enclosed operator cabin) X Steel bars under amoured glass top window (enclosed operator cabin) X Steel operator compartment top w	Manual tilt operator compartment for service	Х	
Mechanical suspension seat X Air suspension seat X Deluxe air suspension seat X Low backrest seat X High backrest seat X Additional armest on left side X Cloth seat cover X Vinyl seat cover X Seat heating X Seat ventilation X 2-point high visibility seatbelt X 2-point high visibility seatbelt X Lateral seat sliding mechanism X Floor mat X Coat hook X Dimmable interior light X Front, top and rear wipers X "H"-pattern front wiper X "P-pattern front wiper X Laminated glass operator compartment front window X Top window with armoured glass - FOPS certified (enclosed operator cabin) X Steel bars under amoured glass top window (enclosed operator cabin) X Steel bar font window X Lexan top window X Vertical steel bar front window guard	Isolated cabin mounting for low noise and vibration	Х	
Air suspension seat X Deluxe air suspension seat X Low backrest seat X High backrest seat X Additional armrest on left side X Cloth seat cover X Vinyl seat cover X Seat heating X Seat ventilation X 2-point high visibility seatbelt X 3-point high visibility seatbelt X Lateral seat sliding mechanism X Floor mat X Coat hook X Dimmable interior light Tront, top and rear wipers "H"-pattern front wiper X Laminated glass operator compartment front window X Laminated glass operator compartment front window X T'-pattern front wiper X Laminated glass operator compartment front window X Leminated glass operator compartment front window X Steel bars under amoured glass top window (enclosed operator cabin) X Tinted operator compartment windows (all) X Lexan top window X	Operator presence system	Х	
Deluxe air suspension seat X Low backrest seat X High backrest seat X Additional armrest on left side X Cloth seat cover X Vinyl seat cover X Seat heating X Seat ventilation X 2-point high visibility seatbelt X 3-point high visibility seatbelt X Lateral seat sliding mechanism X Floor mat X Coat hook X Dimmable interior light X Front, top and rear wipers X "H"-pattern front wiper X Laminated glass operator compartment front window X T-pattern front wiper X Laminated glass operator compartment front window X Top window with armoured glass - FOPS certified (enclosed operator cabin) X Steel bars under amoured glass top window (enclosed operator cabin) X Tinted operator compartment top window X Lexan top window X Werical steel bar front window guard X	Mechanical suspension seat	Х	
Low backrest seat X High backrest seat X Additional armrest on left side X Cloth seat cover X Vinyl seat cover X Seat heating X Seat ventilation X 2-point high visibility seatbelt X 3-point high visibility seatbelt X Lateral seat sliding mechanism X Floor mat X Coat hook X Dimmable interior light T Front, top and rear wipers X "H"-pattern front wiper X Laminated glass operator compartment front window X Top window with armoured glass - FOPS certified (enclosed operator cabin) X Steel bars under amoured glass - FOPS certified (enclosed operator cabin) X Tinted operator compartment windows (all) X Lexan top window X Lexan top window X Wire mesh installed on top of operator compartment X Vertical steel bar front window guard X Operator shield wire mesh X	Air suspension seat		Х
High backrest seat Additional armrest on left side Cloth seat cover Vinyl seat cover X Seat heating Seat ventilation 2-point high visibility seatbelt 3-point high visibility seatbelt 3-point high visibility seatbelt 3-point high visibility seatbelt 3-point high visibility seatbelt 4	Deluxe air suspension seat		Х
Additional armrest on left side Cloth seat cover Vinyl seat cover X Vinyl seat cover X Seat heating Seat ventilation 2-point high visibility seatbelt 3-point high visibility seatbelt 3-point high visibility seatbelt X Lateral seat sliding mechanism Floor mat Coat hook X Dimmable interior light Front, top and rear wipers X'-pattern front wiper X'-pattern front wiper X'-pattern front wiper X T'-pattern front wiper X Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment top window X Lexan top window PleXiglass shield in front of front window X Vertical steel bar front window guard Qperator shield wire mesh Y Integrated performance display X Touchpoint mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob Directional control pedal directional control Park brake - manual Park brake - manual Park brake - automatic Interior wide angle mirrors Haise in East and in till ing steering column X Intescoping and tilting steering column X X Intescoping and tilting steering column X X X X X X X X X X X X X X X X X X X	Low backrest seat	Х	
Cloth seat cover Vinyl seat cover Seat heating Seat ventilation 2-point high visibility seatbelt 3-point high visibility seatbelt 3-point high visibility seatbelt 3-point high visibility seatbelt 4 X Lateral seat sliding mechanism Floor mat Coat hook X Dimmable interior light Front, top and rear wipers "H"-pattern front wiper "I"-pattern front wiper X Laminated glass operator compartment front window X Top window with armoured glass - FOP's certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) X Tinted operator compartment windows (all) X Tinted operator compartment top window X Vertical steel bar front of front window X Vertical steel bar front window guard Operator shield wire mesh X T' Integrated performance display Touchpoint TM mini levers hydraulic control integrated in control arm X Steering wheel with spinner knob X Steering wheel with spinner knob X Directional control pedal directional control Park brake - manual Park brake - automatic Interior wide angle mirrors Heater with adjustable speed fan Diesel fueled cabin heater Telescoping and tilting steering column X X Telescoping and tilting steering column X X	High backrest seat		Х
Vinyl seat cover Seat heating Seat ventilation 2-point high visibility seatbelt 3-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Coat hook X Dimmable interior light Front, top and rear wipers "H"-pattern front wiper "I"-pattern front wiper X Laminated glass operator compartment front window Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) X Tinted operator compartment window Lexan top window PleXiglass shield in front of front window X Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Operator shield wire mesh T' Integrated performance display X Steering wheel without spinner knob X Steering wheel with spinner knob X Steering wheel with spinner knob Directional control lever Hyster Monotrol pedal directional control Park brake - manual Park brake - automatic Interior wide angle mirrors Heater with adjustable speed fan Diesel fueled cabin heater Telescoping and tilting steering column X X X X X X X X X X X X X	Additional armrest on left side		Х
Seat heating Seat ventilation Seat venti	Cloth seat cover		Х
Seat ventilation	Vinyl seat cover	Х	
2-point high visibility seatbelt 3-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Coat hook X Dimmable interior light Front, top and rear wipers "I"-pattern front wiper X "I"-pattern front wiper Laminated glass operator compartment front window Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment window X Top window with armoured glass top window (enclosed operator cabin) Tinted operator compartment windows X Lexan top window PleXiglass shield in front of front window X Wire mesh installed on top of operator compartment X Vertical steel bar front window guard X Uperator shield wire mesh T' Integrated performance display X Touchpoint™ mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob Directional control pedal directional control Park brake - automatic Interior wide angle mirrors Heater with adjustable speed fan X Telescoping and tilting steering column X Interior wide angle mirrors Telescoping and tilting steering column X X Interior wide angle mirrors Telescoping and tilting steering column X X Interior wide angle mirrors Telescoping and tilting steering column X X Interior wide angle mirrors Telescoping and tilting steering column X X Interior wide angle mirrors Telescoping and tilting steering column X X Interior wide angle mirrors Telescoping and tilting steering column X X Interior wide angle mirrors Telescoping and tilting steering column X X Interior wide angle mirrors Telescoping and tilting steering column X X Interior wide angle mirrors Telescoping and tilting steering column X X Interior wide angle mirrors Telescoping and tilting steering column X X Interior wide angle mirrors Telescoping and tilting steering column X X X X X X X X X X X X X X X X X X X	Seat heating		Х
3-point high visibility seatbelt Lateral seat sliding mechanism Floor mat Coat hook Dimmable interior light Front, top and rear wipers "H"-pattern front wiper X Laminated glass operator compartment front window Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment window Lexan top window PleXiglass shield in front of front window Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Coperator shield wire mesh T' Integrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel without spinner knob Directional control pedal directional control Park brake - automatic Interior wide angle mirrors Heater with adjustable speed fan X Telescoping and tilting steering column X X Telescoping and tilting steering column X X X X X X X X X X X X X X X X X X X	Seat ventilation		Х
Lateral seat sliding mechanism Floor mat Coat hook Dimmable interior light Front, top and rear wipers X "I"-pattern front wiper X Laminated glass operator compartment front window Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment window X Tinted operator compartment top window Lexan top window PleXiglass shield in front of front window Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Operator shield wire mesh T' Integrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm X Steering wheel with spinner knob X Steering wheel with spinner knob X Park brake - automatic Interior wide angle mirrors X Heater with adjustable speed fan Diesel fuelded cabin heater X Telescoping and tilting steering column X X Telescoping and tilting steering column X X X X X X X X X X X X X X X X X X X	2-point high visibility seatbelt	Х	
Floor mat Coat hook Dimmable interior light Front, top and rear wipers "H"-pattern front wiper X "I"-pattern front wiper X Laminated glass operator compartment front window Top window with armoured glass - FOP's certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment windows (all) X Tinted operator compartment top window X Lexan top window X PleXiglass shield in front of front window Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Operator shield wire mesh T' Integrated performance display Touchpoint**M mini levers hydraulic control integrated in control arm X Steering wheel with uspinner knob X Steering wheel with spinner knob X Park brake - manual X Park brake - manual Park brake - automatic Interior wide angle mirrors Heater with adjustable speed fan Diesel fueled cabin heater Telescoping and tilting steering column X X	3-point high visibility seatbelt		Х
Coat hook Dimmable interior light Front, top and rear wipers X "I"-pattern front wiper X Laminated glass operator compartment front window Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment window X Top window with armoured glass top window (enclosed operator cabin) Tinted operator compartment windows (all) X Tinted operator compartment top window X Lexan top window X PleXiglass shield in front of front window Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Operator shield wire mesh T' Integrated performance display X Touchpoint TM mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob X Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual Park brake - manual R Park brake - automatic Interior wide angle mirrors Heater with adjustable speed fan Diesel fueled cabin heater X Telescoping and tilting steering column X	Lateral seat sliding mechanism		Χ
Dimmable interior light Front, top and rear wipers X "H"-pattern front wiper X Laminated glass operator compartment front window Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment windows (all) X Tinted operator compartment top window Lexan top window PleXiglass shield in front of front window Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Operator shield wire mesh 7" Integrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual Park brake - automatic Interior wide angle mirrors X Telescoping and tilting steering column X Telescoping and tilting steering column X X Tuning and rear wipers X X X X X X X X X X X X X	Floor mat	Х	
Front, top and rear wipers "H"-pattern front wiper "I"-pattern front wiper Laminated glass operator compartment front window Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment windows (all) Tinted operator compartment top window Lexan top window X PleXiglass shield in front of front window Wire mesh installed on top of operator compartment Vertical steel bar front window guard X Operator shield wire mesh Tintegrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual Park brake - automatic Interior wide angle mirrors X Elescoping and tilting steering column X Telescoping and tilting steering column X X	Coat hook	Х	
"H"-pattern front wiper "I"-pattern front wiper Laminated glass operator compartment front window Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) X Tinted operator compartment windows (all) X Tinted operator compartment top window Lexan top window X Lexan top window X Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Operator shield wire mesh T' Integrated performance display Touchpoint TM mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel without spinner knob Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual Park brake - automatic Interior wide angle mirrors X Lessering and tilting steering column X Steering and tilting steering column X Steering and tilting steering column	Dimmable interior light		
"H"-pattern front wiper "I"-pattern front wiper Laminated glass operator compartment front window Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) X Tinted operator compartment windows (all) X Tinted operator compartment top window Lexan top window X Lexan top window X Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Operator shield wire mesh T' Integrated performance display Touchpoint TM mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel without spinner knob Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual Park brake - automatic Interior wide angle mirrors X Lessering and tilting steering column X Steering and tilting steering column X Steering and tilting steering column	Front, top and rear wipers	Х	
"I"-pattern front wiper Laminated glass operator compartment front window Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment windows (all) X Tinted operator compartment top window Lexan top window X PleXiglass shield in front of front window Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Operator shield wire mesh T' Integrated performance display X Touchpoint™ mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob X Steering wheel with spinner knob Directional control pedal directional control Directional control on Mini-levers or Joystick Park brake - manual Park brake - automatic Interior wide angle mirrors X Telescoping and tilting steering column X X Telescoping and tilting steering column X X			Х
Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment windows (all) Tinted operator compartment top window Lexan top window PleXiglass shield in front of front window Wire mesh installed on top of operator compartment Vertical steel bar front window guard Operator shield wire mesh T' Integrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual Park brake - automatic Interior wide angle mirrors X Telescoping and tilting steering column X		Х	
Top window with armoured glass - FOPS certified (enclosed operator cabin) Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment windows (all) Tinted operator compartment top window Lexan top window PleXiglass shield in front of front window Wire mesh installed on top of operator compartment Vertical steel bar front window guard Operator shield wire mesh T' Integrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual Park brake - automatic Interior wide angle mirrors X Telescoping and tilting steering column X	Laminated glass operator compartment front window		Х
Steel bars under amoured glass top window (enclosed operator cabin) Tinted operator compartment windows (all) X Tinted operator compartment top window Lexan top window PleXiglass shield in front of front window Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Operator shield wire mesh 7" Integrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual Park brake - automatic Interior wide angle mirrors X Telescoping and tilting steering column X X X X X X Telescoping and tilting steering column X X X X X X X X X X X X X	Top window with armoured glass - FOPS certified (enclosed	Х	
Tinted operator compartment windows (all) Tinted operator compartment top window Lexan top window PleXiglass shield in front of front window Wire mesh installed on top of operator compartment Vertical steel bar front window guard Operator shield wire mesh T'' Integrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual Y Park brake - automatic Interior wide angle mirrors Heater with adjustable speed fan Diesel fueled cabin heater Telescoping and tilting steering column X	Steel bars under amoured glass top window (enclosed		Х
Tinted operator compartment top window Lexan top window PleXiglass shield in front of front window Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Operator shield wire mesh T' Integrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm Joystick hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob X Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual X Interior wide angle mirrors Heater with adjustable speed fan Diesel fueled cabin heater X Telescoping and tilting steering column X	•		Х
PleXiglass shield in front of front window Wire mesh installed on top of operator compartment X Vertical steel bar front window guard Operator shield wire mesh X 7" Integrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob X Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual Y Park brake - automatic Interior wide angle mirrors Heater with adjustable speed fan Diesel fueled cabin heater X X X X X Telescoping and tilting steering column X X X X X X X X X X X X X			Х
Wire mesh installed on top of operator compartment Vertical steel bar front window guard Operator shield wire mesh 7" Integrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm Joystick hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob Directional control lever Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual X Park brake - automatic Interior wide angle mirrors Heater with adjustable speed fan Diesel fueled cabin heater X Telescoping and tilting steering column X X X X X X X X X X X X X	Lexan top window		Х
Vertical steel bar front window guard X Operator shield wire mesh X 7" Integrated performance display X Touchpoint™ mini levers hydraulic control integrated in control arm X Joystick hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob X Directional control lever X Hyster Monotrol pedal directional control X Directional control on Mini-levers or Joystick X Park brake - manual X Park brake - automatic X Interior wide angle mirrors X Heater with adjustable speed fan X Diesel fueled cabin heater X Telescoping and tilting steering column X	PleXiglass shield in front of front window		Х
Operator shield wire mesh 7" Integrated performance display Touchpoint™ mini levers hydraulic control integrated in control arm X Joystick hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob Directional control lever X Hyster Monotrol pedal directional control Directional control on Mini-levers or Joystick Park brake - manual X Park brake - automatic Interior wide angle mirrors Heater with adjustable speed fan Diesel fueled cabin heater X Telescoping and tilting steering column	Wire mesh installed on top of operator compartment		Х
7" Integrated performance display X Touchpoint™ mini levers hydraulic control integrated in control arm X Joystick hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob X Directional control lever X Hyster Monotrol pedal directional control X Directional control on Mini-levers or Joystick X Park brake - manual X Park brake - automatic X Interior wide angle mirrors X Heater with adjustable speed fan X Diesel fueled cabin heater X Telescoping and tilting steering column X	Vertical steel bar front window guard		Х
Touchpoint™ mini levers hydraulic control integrated in control arm X Joystick hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob X Directional control lever X Hyster Monotrol pedal directional control X Directional control on Mini-levers or Joystick X Park brake - manual X Park brake - automatic X Interior wide angle mirrors X Heater with adjustable speed fan X Diesel fueled cabin heater X Telescoping and tilting steering column X	Operator shield wire mesh		Х
Touchpoint™ mini levers hydraulic control integrated in control arm X Joystick hydraulic control integrated in control arm X Steering wheel without spinner knob X Steering wheel with spinner knob X Directional control lever X Hyster Monotrol pedal directional control X Directional control on Mini-levers or Joystick X Park brake - manual X Park brake - automatic X Interior wide angle mirrors X Heater with adjustable speed fan X Diesel fueled cabin heater X Telescoping and tilting steering column X	7" Integrated performance display	Х	
Steering wheel without spinner knob X Steering wheel with spinner knob X Directional control lever Hyster Monotrol pedal directional control X Directional control on Mini-levers or Joystick Park brake - manual X Park brake - automatic Interior wide angle mirrors X Heater with adjustable speed fan Diesel fueled cabin heater X Telescoping and tilting steering column		Х	
Steering wheel with spinner knob X Directional control lever Hyster Monotrol pedal directional control X Directional control on Mini-levers or Joystick Park brake - manual X Park brake - automatic Interior wide angle mirrors X Heater with adjustable speed fan Diesel fueled cabin heater X Telescoping and tilting steering column	Joystick hydraulic control integrated in control arm		Х
Steering wheel with spinner knob X Directional control lever Hyster Monotrol pedal directional control X Directional control on Mini-levers or Joystick Park brake - manual X Park brake - automatic X Interior wide angle mirrors X Heater with adjustable speed fan Diesel fueled cabin heater X Telescoping and tilting steering column	-		Х
Hyster Monotrol pedal directional control X Directional control on Mini-levers or Joystick X Park brake - manual X Park brake - automatic X Interior wide angle mirrors X Heater with adjustable speed fan X Diesel fueled cabin heater X Telescoping and tilting steering column X		Х	
Directional control on Mini-levers or Joystick Park brake - manual Park brake - automatic Interior wide angle mirrors X Heater with adjustable speed fan Diesel fueled cabin heater X Telescoping and tilting steering column X	Directional control lever	Х	
Directional control on Mini-levers or Joystick Park brake - manual Park brake - automatic Interior wide angle mirrors X Heater with adjustable speed fan Diesel fueled cabin heater X Telescoping and tilting steering column	Hyster Monotrol pedal directional control		Х
Park brake - manual X Park brake - automatic X Interior wide angle mirrors X Heater with adjustable speed fan X Diesel fueled cabin heater X Telescoping and tilting steering column X			Х
Park brake - automatic X Interior wide angle mirrors X Heater with adjustable speed fan X Diesel fueled cabin heater X Telescoping and tilting steering column X		Х	
Interior wide angle mirrors X Heater with adjustable speed fan X Diesel fueled cabin heater X Telescoping and tilting steering column X			Х
Heater with adjustable speed fan X Diesel fueled cabin heater X Telescoping and tilting steering column X		Х	
Diesel fueled cabin heater X Telescoping and tilting steering column X			
Telescoping and tilting steering column X			Х
		Х	
			Х

FEATURES AND OPTIONS <



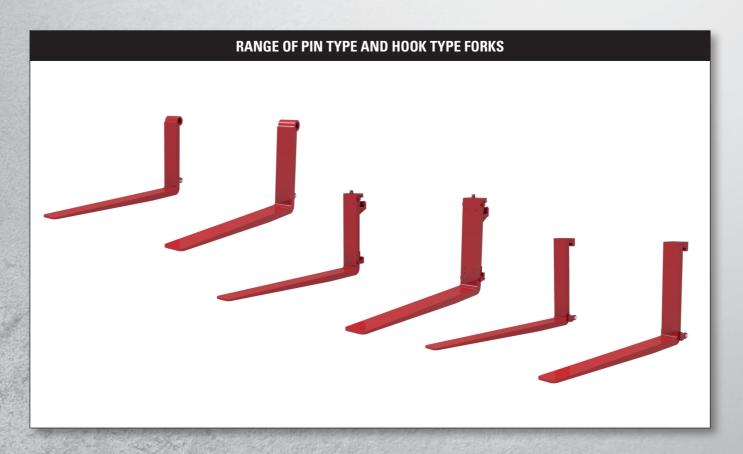
ERGONOMICS (continued)	STD	ОРТ
Air conditioning	OID	Х
Automatic climate control		X
Reading light		X
Sun shades on top and rear		X
Sun visors front window		X
Trainer seat		X
Recirculation fan		X
Additional recirculation fan		X
Accessory mounting bar on cab front right pillar		X
Document holder on cab front right pillar		X
Heated top- and/or rear window		X
Radio preparation set-up (wiring, two speakers and antenna)		X
Bluetooth radio with 2 speakers and antenna		X
VISIBILITY	STD	- 1
Exterior mirrors mounted to cab	310	X
Rear view camera system		X
Radar object detection system	V	Χ
Halogen work lights	Х	
LED work lights		X
High performance LED work lights		
Two head lights mounted on front fenders		X
Four mast mounted work lights		X
Four cabin mounted work lights True conversed work lights mounted on the cabin		X
Two rearward work lights mounted on the cabin	v	X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights	X	
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED)	X	X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION	- 1	X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA	X	X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA	X STD	X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated	X	X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA	X STD	X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch	X STD	V OPT
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A),	X STD X	V OPT
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting	X STD X	X OPT X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise	X STD X	X OPT X X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise Forward / reverse motion alarm	X STD X	X OPT X X X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise Forward / reverse motion alarm Blue LED spotlight – rear / front and rear	X STD X	X OPT X X X X X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise Forward / reverse motion alarm Blue LED spotlight – rear / front and rear Tire pressure monitoring system	X STD X	X OPT X X X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise Forward / reverse motion alarm Blue LED spotlight – rear / front and rear Tire pressure monitoring system Air-conditioning or automatic climate control off with open door	X STD X	X OPT X X X X X X X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise Forward / reverse motion alarm Blue LED spotlight – rear / front and rear Tire pressure monitoring system Air-conditioning or automatic climate control off with open door Automatic truck shutdown with timer	X STD X	X OPT X X X X X X X X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise Forward / reverse motion alarm Blue LED spotlight – rear / front and rear Tire pressure monitoring system Air-conditioning or automatic climate control off with open door Automatic truck shutdown with timer Preventative maintenance reminder in display	X STD X X	X OPT X X X X X X X X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise Forward / reverse motion alarm Blue LED spotlight – rear / front and rear Tire pressure monitoring system Air-conditioning or automatic climate control off with open door Automatic truck shutdown with timer Preventative maintenance reminder in display Lockable battery disconnect switch	X STD X X	X OPT X X X X X X X X X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise Forward / reverse motion alarm Blue LED spotlight – rear / front and rear Tire pressure monitoring system Air-conditioning or automatic climate control off with open door Automatic truck shutdown with timer Preventative maintenance reminder in display Lockable battery disconnect switch Battery jump start connector (NATO plug)	X STD X X X	X OPT X X X X X X X X X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise Forward / reverse motion alarm Blue LED spotlight – rear / front and rear Tire pressure monitoring system Air-conditioning or automatic climate control off with open door Automatic truck shutdown with timer Preventative maintenance reminder in display Lockable battery disconnect switch Battery jump start connector (NATO plug) Truck start with key switch and start button	X STD X X X	X X X X X X X X X X X X X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise Forward / reverse motion alarm Blue LED spotlight – rear / front and rear Tire pressure monitoring system Air-conditioning or automatic climate control off with open door Automatic truck shutdown with timer Preventative maintenance reminder in display Lockable battery disconnect switch Battery jump start connector (NATO plug) Truck start with key switch and start button Operator password (display) for truck start	X STD X X X	X OPT X X X X X X X X X X
Two rearward work lights mounted on the cabin LED stop/tail/brake lights Turn signals, hazard and marker lights (LED) OPERATION Air horn 112 dBA Electric horn 105 dBA Visible alarm – Amber strobe light, key switch activated Visible alarm – Amber strobe light, switch and key switch activated* Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting Audible alarm – reverse direction white noise Forward / reverse motion alarm Blue LED spotlight – rear / front and rear Tire pressure monitoring system Air-conditioning or automatic climate control off with open door Automatic truck shutdown with timer Preventative maintenance reminder in display Lockable battery disconnect switch Battery jump start connector (NATO plug) Truck start with key switch and start button Operator password (display) for truck start Seatbelt Interlock for truck start	X X X X X X	X OPT X X X X X X X X X X

OPERATION (continued)	STD	ОРТ
Lockable fuel cap		Χ
Diesel fuel inlet strainer in filler neck		Χ
Hyster Tracker wireless asset management system		Χ
Hyster Tracker wireless asset management - Access / Verification		Х
Hyster Tracker wireless asset management - Monitoring		Χ
Auto greasing system for basic truck and outer mast		Х
Centralized greasing provision for upper chain sheaves	Х	
24 volt electrical system	Х	
Engine block heater 110 and 240 volt		Χ
Steer wheel lug nut protection		Χ
Front mud flaps		Х
Rear mud flaps		Χ
Lifting eyes - 2 front and 2 rear		Χ
Wire mesh belly pan		Χ
Wire mesh and plates belly pan		Х
APPEARANCE	STD	ОРТ
Hyster yellow paint base truck	Х	
Special paint base truck		Х
Operator compartment special paint (outside only)		Χ
Hazard warning striping on counterweight		Х
SUPPLEMENTAL	STD	ОРТ
Literature package	Х	
Operator's manual	Х	
CE certification*	Х	
Warranty: 12 Months / 2,000 Hours manufacturer's warranty		Χ
Warranty: 24 Months / 4,000 Hours extended warranty	Х	

^{*}Standard or optional in selected markets. Other options available through Special Products Engineering Department (SPED). Contact Hyster for details.

> FRONT END EQUIPMENT





FRONT END EQUIPMENT <



CARRIAGE BASE







PIN TYPE CARRIAGE WITHOUT FORK POSITIONER

PIN TYPE CARRIAGE WITH FORK POSITIONER





PIN TYPE INTEGRAL SIDESHIFT FRAME CARRIAGE WITHOUT FORK POSITIONER

PIN TYPE INTEGRAL SIDESHIFT FRAME CARRIAGE WITH FORK POSITIONER





INTEGRAL HOOK TYPE DUAL FUNCTION SIDESHIFT CARRIAGE WITH FORK POSITIONER

QD HOOK TYPE DUAL FUNCTION SIDESHIFT CARRIAGE WITH FORK POSITIONER





HYSTER® DEALERS





Contact your local Hyster Dealer

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