HYSTER

STRONG PARTNERS.
TOUGH TRUCKS.™



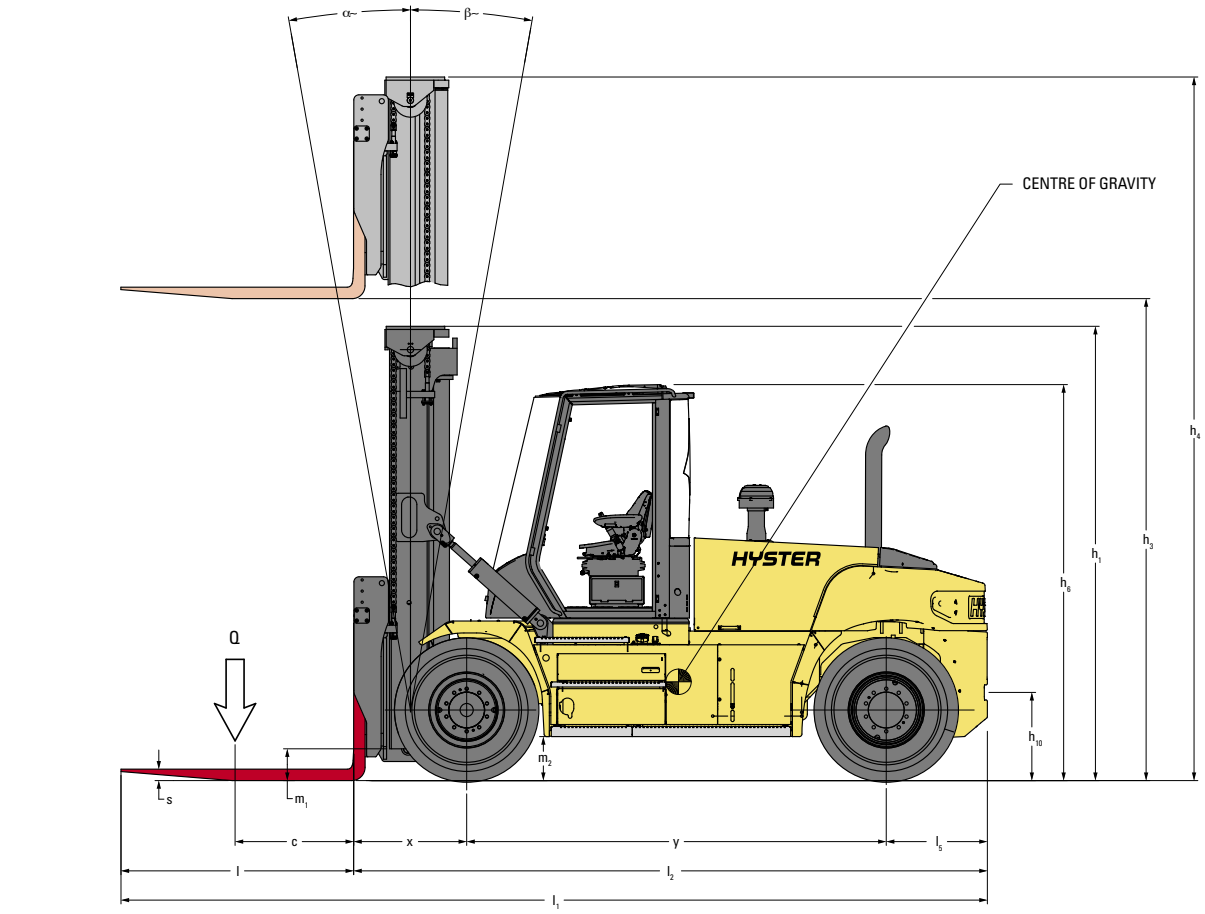
H9-12/10-16/16-18XD SERIES
TECHNICAL GUIDE
PRELIMINARY EDITION

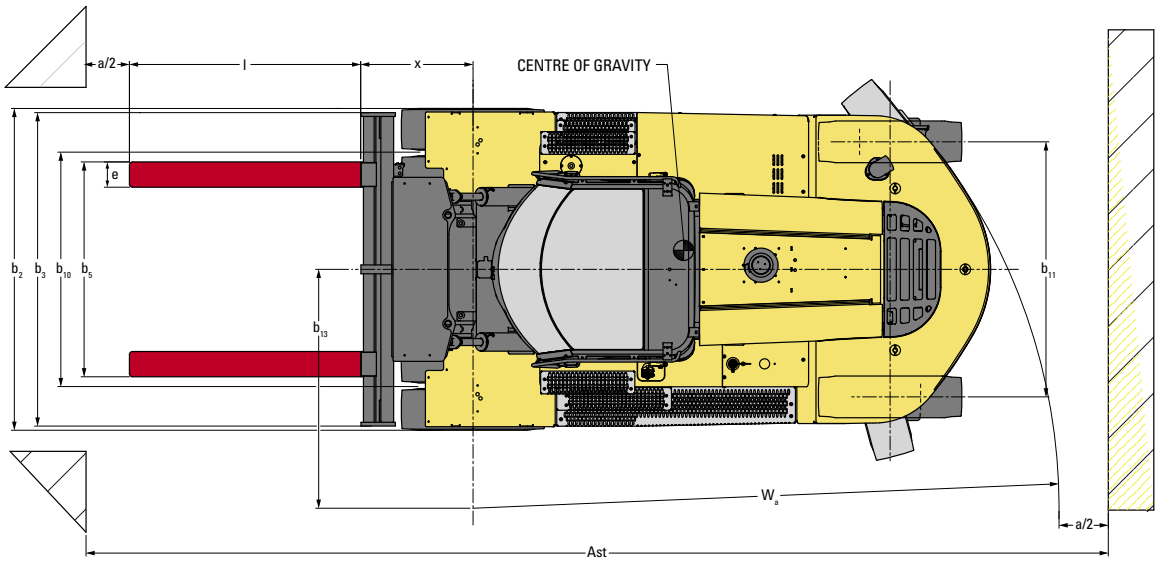
+kg

STAGE V

WWW.HYSTER.COM

DIMENSIONS





◓	=	Centre of gravity of unladen truck
A_{ST}	=	$W_a + x + l_6 + a$ (if $b_{12}/2 < b_{13}$)
A_{ST}	=	$W_a + ((l_6+x)^{\wedge 2} + (b_{12}/2-b_{13})^{\wedge 0.5} + a$ (if $b_{12}/2 > b_{13}$ and $W_a > b_{13+} b_{12}/2$)
A_{ST}	=	$b_{13} + b_{12}/2\ ((l_6+x)^{\wedge 2} + (b_{12}/2-b_{13})^{\wedge 0.5} + a$ (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)
l_6	=	load lengths
b_{12}	=	load width

H9XDL6 / H10XD6 / H12XD6 SPECIFICATIONS

GENERAL	1-1	Manufacturer			HYSTER		
	1-2	Model designation			H9XDL6	H10XD6	H12XD6
	1-3	Powertrain / drivetrain			Diesel		
	1-4	Operator type			Seat		
	1-5	Rated capacity / rated load	Q	kg	9,500	10,500	12,500
	1-6	Load centre distance	c	mm	600	600	600
	1-8	Load distance	x	mm	809	809	809
	1-9	Wheelbase	y	mm	2,900	2,900	2,900
WEIGHT	2-1	Service weight **(1)**		kg	13,497	14,432	15,844
	2-2	Axle loading, laden front / rear		kg	21,283 / 1,714	23,134 / 1,799	26,013 / 2,331
	2-3	Axle loading, unladen front / rear		kg	7,167 / 6,330	7,532 / 6,900	7,440 / 8,405
WHEELS	3-1	Tyres: L = pneumatic, V = solid, SE = Pneumatic Shape Solid			L		
	3-2	Tyres size, front			10.00-20 16PR		
	3-3	Tyres size, rear			10.00-20 16PR		
	3-5	Wheels, number front / rear (x = driven wheels)			4x / 2		
	3-6	Track width, front **(2)**	b_{10}	mm	1,842		
	3-7	Track width, rear **(2)**	b_{11}	mm	2,020		
DIMENSIONS	4-1	Mast tilt : forward / backwards	α/β	deg	15 / 12		
	4-2	Height of mast lowered (unloaded)	h_1	mm	3,885	4,135	
	4-3	Free lift	h_2	mm	-		
	4-4	Lift height (bottom of forks)	h_3	mm	4,925		
	4-5	Height of mast extended (unloaded)	h_4	mm	6,347	6,597	
	4-7	Height of overhead guard (open cab)	h_6	mm	3,083		
	4-7-1	Height of overhead guard (closed cab)	h_6	mm	3,110		
	4-7-2	Height of overhead guard (closed cab w/ airco)	h_6	mm	3,110		
	4-7-3	Height of overhead guard (closed cab w/ strobe light)	h_6	mm	3,205		
	4-7-4	Height of overhead guard (closed cab w/ work lights)	h_6	mm	3,259		
	4-7-5	Height of overhead guard (closed cab w/ airco & strobe light)	h_6	mm	3,235		
	4-8	Seat height (Seat Index Point, ISO 5353)	h_7	mm	1,903		
	4-12	Coupling height	h_{10}	mm	661		
	4-17	Overhang	l_5	mm	795		
	4-19	Overall length	l_1	mm	5,724		
	4-20	Length to face of forks	l_2	mm	4,504		
	4-21	Overall width truck	b_2	mm	2,490		
	4-22	Fork dimensions	s/e/l	mm	75 / 200 / 1,220		
	4-23	Carriage type			75mm std pin type		
	4-24	Carriage width	b_3	mm	2,396		
	4-25	Distance over fork arms, minimum / maximum	b_5	mm	470 / 2,320		
	4-30	Sideshift (min / max)	b_8	mm	-		
	4-31	Ground clearance, under mast (w/o load)	m_1	mm	253		
	4-32	Ground clearance, centre of wheelbase	m_2	mm	313		
	4-33	Load size	w x l	mm	1,200 x 1200		
	4-33-1	Aisle width (a=10%)	Ast	mm	6,732		
	4-33-2	Aisle width (a=0)	Ast	mm	6,120		
	4-33-3	Aisle width (a=200)	Ast	mm	6,320		
	4-34	Load size	w x l	mm	1,200 x 800		
	4-34-1	Aisle width (a=10%)	Ast	mm	6,292		
	4-34-1-2	Aisle width (a=0)	Ast	mm	5,720		
	4-34-1-3	Aisle width (a=200)	Ast	mm	5,920		
	4-35	Outside turning radius	W_a	mm	4,111		
	4-36	Internal turning radius	b_{13}	mm	1,545		
PERFORMANCE	5-1-2	Travel speed laden/unladen Stage V **(3)**		km/h	29.5 / 30.8		
	5-2-2	Lifting speed laden/unladen 90cc Stage V		m/s	0.45 / 0.45	0.40 / 0.40	
	5-2-4	Lifting speed laden/unladen 111cc Stage V		m/s	0.63 / 0.67	0.50 / 0.50	
	5-3	Lowering speed laden/unladen		m/s	0.50 / 0.48		
	5-5-2	Drawbar pull laden/unladen @ 1.6 km/hour Stage V		kN	105 / 107		105 / 106
	5-6-2	Drawbar pull laden/unladen @ stall Stage V		kN	116 / 118		
	5-7-2	Gradeability laden/unladen @ 1.6 km/hour Stage V		%	53 / 34	47 / 33	32 / 40
	5-8-2	Gradeability laden/unladen @ stall Stage V		%	53 / 34	53 / 33	32 / 46

(1) 8-16T Front End models based on Stage-V engine and Standard Pin CRG & 16-18T Front End models based on Stage-V engine and DFSSFP CRG w/ integrated forks
(2) 8-12T Front End models based on 10.00-20 16PR tyres, 13-16T Front End models based on 12.00-20 20PR tyres and 16-18t Front End models based on 12.00 R 20
(3) Travel speed laden/unladen limited at 25 km/h as factory default

H13XDS6 / H14XDS6 / H13XD6 / H14XD6 / H16XD6 SPECIFICATIONS

GENERAL	1-1	Manufacturer			HYSTER				
	1-2	Model designation			H13XDS	H14XDS6	H13XD6	H14XD6	H16XD6
	1-3	Powertrain / drivetrain			Diesel				
	1-4	Operator type			Seat				
	1-5	Rated capacity / rated load	Q	kg	13,500	14,500	13,500	14,500	16,500
	1-6	Load centre distance	c	mm	600	600	600	600	600
	1-8	Load distance	x	mm	889	889	889	889	889
	1-9	Wheelbase	y	mm	2,900	2,900	3,300	3,300	3,300
WEIGHT	2-1	Service weight **(1)**		kg	18,578	19,277	17,756	18,433	19,409
	2-2	Axle loading, laden front / rear		kg	29,289 / 2,789	30,685 / 3,092	28,866 / 2,390	30,222 / 2,710	33,199 / 2,710
	2-3	Axle loading, unladen front / rear		kg	8,858 / 2,789	8,740 / 10,537	9,274 / 8,481	9,180 / 9,253	9,254 / 10,155
WHEELS	3-1	Tyres: L = pneumatic, V = solid, SE = Pneumatic Shape Solid			L				
	3-2	Tyres size, front			12.00-20 20PR				
	3-3	Tyres size, rear			12.00-20 20PR				
	3-5	Wheels, number front / rear (x = driven wheels)			4x / 2				
	3-6	Track width, front **(2)**	b_{10}	mm	1,842				
	3-7	Track width, rear **(2)**	b_{11}	mm	2,018				
DIMENSIONS	4-1	Mast tilt : forward / backwards	α/β	deg	15 / 12				
	4-2	Height of mast lowered (unloaded)	h_1	mm	4,193				
	4-3	Free lift	h_2	mm	-				
	4-4	Lift height (bottom of forks)	h_3	mm	4,910				
	4-5	Height of mast extended (unloaded)	h_4	mm	6,648				
	4-7	Height of overhead guard (open cab)	h_6	mm	3,083				
	4-7-1	Height of overhead guard (closed cab)	h_6	mm	3,110				
	4-7-2	Height of overhead guard (closed cab w/ airco)	h_6	mm	3,110				
	4-7-3	Height of overhead guard (closed cab w/ strobe light)	h_6	mm	3,205				
	4-7-4	Height of overhead guard (closed cab w/ work lights)	h_6	mm	3,259				
	4-7-5	Height of overhead guard (closed cab w/ airco & strobe light)	h_6	mm	3,235				
	4-8	Seat height (Seat Index Point, ISO 5353)	h_7	mm	1,903				
	4-12	Coupling height	h_{10}	mm	689				
	4-17	Overhang	l_5	mm	925		795		
	4-19	Overall length	l_1	mm	6,544		6,814		
	4-20	Length to face of forks	l_2	mm	4,714		4,984		
	4-21	Overall width truck	b_2	mm	2,541				
	4-22	Fork dimensions	s/e/l	mm	90 / 200 / 1,830				
	4-23	Carriage type			85mm std pin type				
	4-24	Carriage width	b_3	mm	2,496				
	4-25	Distance over fork arms, minimum / maximum	b_5	mm	470 / 2,420				
	4-30	Sideshift (min / max)	b_8	mm	-				
	4-31	Ground clearance, under mast (w/o load)	m_1	mm	245				
	4-32	Ground clearance, centre of wheelbase	m_2	mm	341				
	4-33	Load size	w x l	mm	1,200 x 1,200				
	4-33-1	Aisle width (a=10%)	Ast	mm	7,112		7,399		
	4-33-2	Aisle width (a=0)	Ast	mm	6,465		6,726		
	4-33-3	Aisle width (a=200)	Ast	mm	6,665		6,926		
	4-34	Load size	w x l	mm	1,200 x 8,00				
	4-34-1	Aisle width (a=10%)	Ast	mm	6,672		6,959		
	4-34-1-2	Aisle width (a=0)	Ast	mm	6,065		6,326		
	4-34-1-3	Aisle width (a=200)	Ast	mm	6,265		6,526		
	4-35	Outside turning radius	W_a	mm	4,376		4,637		
	4-36	Internal turning radius	b_{13}	mm	1,780		1,890		
PERFORMANCE	5-1-2	Travel speed laden/unladen Stage V **(3)**		km/h	27.1 / 28.9	27.4 / 29.0			
	5-2-7	Lifting speed laden/unladen 126cc Stage V		m/s	0.41 / 0.46				
	5-3	Lowering speed laden/unladen		m/s	0.50 / 0.48				
	5-5-2	Drawbar pull laden/unladen @ 1.6 km/hour Stage V		kN	109 / 111		109 / 112	109 / 111	108 / 111
	5-6-2	Drawbar pull laden/unladen @ stall Stage V		kN	122 / 125				
	5-7-2	Gradeability laden/unladen @ 1.6 km/hour Stage V		%	37 / 32	35 / 30	38 / 36	36 / 34	32 / 33
	5-8-2	Gradeability laden/unladen @ stall Stage V		%	42 / 32	40 / 30	44 / 36	41 / 34	37 / 33

(1) 8-16T Front End models based on Stage-V engine and Standard Pin CRG & 16-18T Front End models based on Stage-V engine and DFSSFP CRG w/ integrated forks
(2) 8-12T Front End models based on 10.00-20 16PR tyres, 13-16T Front End models based on 12.00-20 20PR tyres and 16-18t Front End models based on 12.00 R 20
(3) Travel speed laden/unladen limited at 25 km/h as factory default

H10XD12 / H12XD12 / H14XD12 / H16XDS9 SPECIFICATIONS

GENERAL	1-1	Manufacturer			HYSTER			
	1-2	Model designation			H10XD12	H12XD12	H14XD12	H16XDS9
	1-3	Powertrain / drivetrain			Diesel			
	1-4	Operator type			Seat			
	1-5	Rated capacity / rated load	Q	kg	10,500	12,500	14,500	16,000
	1-6	Load centre distance	c	mm	1,200	1,200	1,200	900
	1-8	Load distance	x	mm	889	889	959	959
	1-9	Wheelbase	y	mm	3,300	3,500	3,500	3,500
WEIGHT	2-1	Service weight **(1)**		kg	18,581	19,704	22,548	21,849
	2-2	Axle loading, laden front / rear		kg	26,595 / 2,486	29,342 / 2,862	33,685 / 3,363	34,837 / 3,013
	2-3	Axle loading, unladen front / rear		kg	9,448 / 9,133	9,381 / 10,323	10,241 / 12,307	10,338 / 11,511
WHEELS	3-1	Tyres: L = pneumatic, V = solid, SE = Pneumatic Shape Solid			L			
	3-2	Tyres size, front			12.00-20 20PR			
	3-3	Tyres size, rear			12.00-20 20PR			
	3-5	Wheels, number front / rear (x = driven wheels)			4x / 2			
	3-6	Track width, front **(2)**	b_{10}	mm	1,842			
	3-7	Track width, rear **(2)**	b_{11}	mm	2,018		2,020	
DIMENSIONS	4-1	Mast tilt : forward / backwards	α/β	deg	15 / 12		6 / 10	
	4-2	Height of mast lowered (unloaded)	h_1	mm	4,193			
	4-3	Free lift	h_2	mm	-			
	4-4	Lift height (bottom of forks)	h_3	mm	4,910		4,494	
	4-5	Height of mast extended (unloaded)	h_4	mm	6,648		6,255	
	4-7	Height of overhead guard (open cab)	h_6	mm	3,083			
	4-7-1	Height of overhead guard (closed cab)	h_6	mm	3,110			
	4-7-2	Height of overhead guard (closed cab w/ airco)	h_6	mm	3,110			
	4-7-3	Height of overhead guard (closed cab w/ strobe light)	h_6	mm	3,205			
	4-7-4	Height of overhead guard (closed cab w/ work lights)	h_6	mm	3,259			
	4-7-5	Height of overhead guard (closed cab w/ airco & strobe light)	h_6	mm	3,235			
	4-8	Seat height (Seat Index Point, ISO 5353)	h_7	mm	1,903			
	4-12	Coupling height	h_{10}	mm	689			
	4-17	Overhang	l_5	mm	795	925		
	4-19	Overall length	l_1	mm	7,424	7,754	7,824	
	4-20	Length to face of forks	l_2	mm	4,984	5,314	5,384	
	4-21	Overall width truck	b_2	mm	2,541			
	4-22	Fork dimensions	s/e/l	mm	90 / 200 / 2,240		100 / 200 / 2,240	
	4-23	Carriage type			85mm std pin type		Dual Function - Sideshift/Fork Positioning	
	4-24	Carriage width	b_3	mm	2,496		2,540	
	4-25	Distance over fork arms, minimum / maximum	b_5	mm	470 / 2,420		1,045 / 2,445	
	4-30	Sideshift (min / max)	b_8	mm	-		0 / 350	
	4-31	Ground clearance, under mast (w/o load)	m_1	mm	245		225	
	4-32	Ground clearance, centre of wheelbase	m_2	mm	341			
	4-33	Load size	w x l	mm	2,400 x 2,400			
	4-33-1	Aisle width (a=10%)	Ast	mm	8,719	9,066	9,143	
	4-33-2	Aisle width (a=0)	Ast	mm	7,926	8,242	8,312	
	4-33-3	Aisle width (a=200)	Ast	mm	8,126	8,442	8,512	
	4-34	Load size	w x l	mm	1,930 x 1,830			
	4-34-1	Aisle width (a=10%)	Ast	mm	8,092	8,439	8,516	
	4-34-1-2	Aisle width (a=0)	Ast	mm	7,356	7,672	7,742	
	4-34-1-3	Aisle width (a=200)	Ast	mm	7,556	7,872	7,942	
	4-35	Outside turning radius	W_a	mm	4,637	4,953	4,953	
	4-36	Internal turning radius	b_{13}	mm	1,890	1,950	1,950	
PERFORMANCE	5-1-2	Travel speed laden/unladen Stage V **(3)**		km/h	27.1 / 28.9		26.8 / 28.9	
	5-2-7	Lifting speed laden/unladen 126cc Stage V		m/s	0.41 / 0.46		0.39 / 0.42	
	5-3	Lowering speed laden/unladen		m/s	0.50 / 0.48		0.54 / 0.45	
	5-5-2	Drawbar pull laden/unladen @ 1.6 km/hour Stage V		kN	110 / 112	109 / 111	108 / 111	
	5-6-2	Drawbar pull laden/unladen @ stall Stage V		kN	123 / 125		121 / 124	
	5-7-2	Gradeability laden/unladen @ 1.6 km/hour Stage V		%	40 / 35	37 / 33	31 / 32	30 / 33
	5-8-2	Gradeability laden/unladen @ stall Stage V		%	46 / 35	42 / 33	35 / 32	35 / 33

(1) 8-16T Front End models based on Stage-V engine and Standard Pin CRG & 16-18T Front End models based on Stage-V engine and DFSSFP CRG w/ integrated forks
(2) 8-12T Front End models based on 10.00-20 16PR tyres, 13-16T Front End models based on 12.00-20 20PR tyres and 16-18t Front End models based on 12.00 R 20
(3) Travel speed laden/unladen limited at 25 km/h as factory default

H16XDS12 / H18XD6 / H16XD9 / H16XD12 / H18XD9 SPECIFICATIONS

GENERAL	1-1	Manufacturer			HYSTER				
	1-2	Model designation			H16XDS12	H18XD	H16XD9	H16XD12	H18XD9
	1-3	Powertrain / drivetrain			Diesel				
	1-4	Operator type			Seat				
	1-5	Rated capacity / rated load	Q	kg	16,000	18,000	16,400	16,000	18,000
	1-6	Load centre distance	c	mm	1,200	600	900	1,200	900
	1-8	Load distance	x	mm	959	959	959	959	959
	1-9	Wheelbase	y	mm	3,500	3,500	3,750	3,750	3,750
WEIGHT	2-1	Service weight **(1)**		kg	23,656	21,092	21,201	22,876	22,376
	2-2	Axle loading, laden front / rear		kg	36,112 / 3,545	36,311 / 2,782	34,780 / 2,821	35,579 / 3,298	37,356 / 3,021
	2-3	Axle loading, unladen front / rear		kg	10,242 / 13,415	10,350 / 10,743	10,448 / 10,753	10,367 / 12,509	10,432 / 11,944
WHEELS	3-1	Tyres: L = pneumatic, V = solid, SE = Pneumatic Shape Solid			L				
	3-2	Tyres size, front			12.00-20 20PR				
	3-3	Tyres size, rear			12.00-20 20PR				
	3-5	Wheels, number front / rear (x = driven wheels)			4x / 2				
	3-6	Track width, front **(2)**	b_{10}	mm	1,844				
	3-7	Track width, rear **(2)**	b_{11}	mm	2,020				
DIMENSIONS	4-1	Mast tilt : forward / backwards	α/β	deg	6 / 10				
	4-2	Height of mast lowered (unloaded)	h_1	mm	4,008				
	4-3	Free lift	h_2	mm	-				
	4-4	Lift height (bottom of forks)	h_3	mm	4,494				
	4-5	Height of mast extended (unloaded)	h_4	mm	6,255				
	4-7	Height of overhead guard (open cab)	h_6	mm	3,083				
	4-7-1	Height of overhead guard (closed cab)	h_6	mm	3,110				
	4-7-2	Height of overhead guard (closed cab w/ airco)	h_6	mm	3,110				
	4-7-3	Height of overhead guard (closed cab w/ strobe light)	h_6	mm	3,205				
	4-7-4	Height of overhead guard (closed cab w/ work lights)	h_6	mm	3,259				
	4-7-5	Height of overhead guard (closed cab w/ aircon & strobe light)	h_6	mm	3,235				
	4-8	Seat height (Seat Index Point, ISO 5353)	h_7	mm	1,903				
	4-12	Coupling height	h_{10}	mm	689				
	4-17	Overhang	l_5	mm	942	925			
	4-19	Overall length	l_1	mm	7,841	7,824	8,074		
	4-20	Length to face of forks	l_2	mm	5,401	5,384	5,634		
	4-21	Overall width truck	b_2	mm	2,541				
	4-22	Fork dimensions	s/e/l	mm	100 / 200 / 2,240				
	4-23	Carriage type			Dual Function - Sideshift / Fork Positioning				
	4-24	Carriage width	b_3	mm	2,540				
	4-25	Distance over fork arms, minimum / maximum	b_5	mm	1,045 / 2,445				
	4-30	Sideshift (min / max)	b_8	mm	0 / 350				
	4-31	Ground clearance, under mast (w/o load)	m_1	mm	225				
	4-32	Ground clearance, centre of wheelbase	m_2	mm	341				
	4-33	Load size	w x l	mm	2,400 x 2,400				
	4-33-1	Aisle width (a=10%)	Ast	mm	9,160	9,143	9,415		
	4-33-2	Aisle width (a=0)	Ast	mm	8,327	8,312	8,559		
	4-33-3	Aisle width (a=200)	Ast	mm	8,527	8,512	8,759		
	4-34	Load size	w x l	mm	1,930 x 1,830				
	4-34-1	Aisle width (a=10%)	Ast	mm	8,533	8,516	8,788		
	4-34-1-2	Aisle width (a=0)	Ast	mm	7,757	7,742	7,989		
	4-34-1-3	Aisle width (a=200)	Ast	mm	7,957	7,942	8,189		
	4-35	Outside turning radius	W_a	mm	4,968	4,953	5,200		
	4-36	Internal turning radius	b_{13}	mm	1,950	1,950	2,026		
PERFORMANCE	5-1-2	Travel speed laden/unladen Stage V **(3)**		km/h	27.1 / 29.0				
	5-2-7	Lifting speed laden/unladen 126cc Stage V		m/s	0.39 / 0.42				
	5-3	Lowering speed laden/unladen		m/s	0.54 / 0.45				
	5-5-2	Drawbar pull laden/unladen @ 1.6 km/hour Stage V		kN	108 / 111				
	5-6-2	Drawbar pull laden/unladen @ stall Stage V		kN	121 / 124				
	5-7-2	Gradeability laden/unladen @ 1.6 km/hour Stage V		%	29 / 31	29 / 35	31 / 35	30 / 33	28 / 33
	5-8-2	Gradeability laden/unladen @ stall Stage V		%	33 / 31	33 / 35	35 / 35	34 / 33	32 / 33

(1) 8-16T Front End models based on Stage-V engine and Standard Pin CRG & 16-18T Front End models based on Stage-V engine and DFSSFP CRG w/ integrated forks
(2) 8-12T Front End models based on 10.00-20 16PR tyres, 13-16T Front End models based on 12.00-20 20PR tyres and 16-18t Front End models based on 12.00 R 20
(3) Travel speed laden/unladen limited at 25 km/h as factory default

MAST AND CAPACITY INFORMATION - 8-9T & 10-12T

8-9T RATED CAPACITY KG @ 600 MM LOAD CENTRE

	Lift height $h_3 + s$ (mm)	Lowered height h_1 (mm)	Extended height h_4 (mm)	Standard pin type carriage (kg)	Sideshift frame pin type carriage (kg)	QD DFSSFP carriage (kg)
				H9XDL6	H9XDL6	H9XDL6
2 STAGE NFL	3250	3009.5	4597	9,500	9,400	9,200
	3500	3134.5	4847	9,500	9,400	9,200
	3750	3259.5	5097	9,500	9,400	9,200
	4000	3384.5	5347	9,500	9,400	9,200
	4500	3634.5	5847	9,500	9,400	9,200
	4750	3759.5	6097	9,500	9,400	9,200
	5000	3884.5	6347	9,500	9,400	9,200
	5500	4134.5	6847	9,340	9,280	9,060

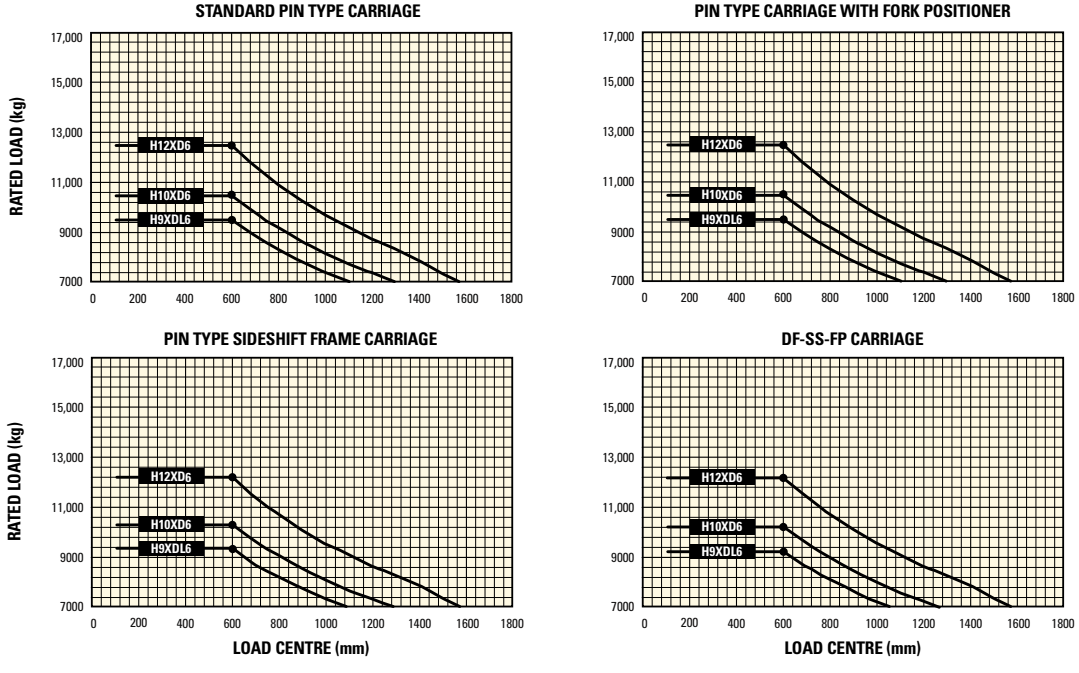
Capacity calculated with 1220mm forks
Note: addition of header hoses will add 16.5mm to OLH (h1) and OEH (h4)

10-12T RATED CAPACITY KG @ 600 MM LOAD CENTRE

	Lift height $h_3 + s$ (mm)	Lowered height h_1 (mm)	Extended height h_4 (mm)	Standard pin type carriage (kg)		Sideshift frame pin type carriage (kg)		QD DFSSFP carriage (kg)	
				H10XD6	H12XD6	H10XD6	H12XD6	H10XD6	H12XD6
2 STAGE NFL	2750	3010	4347	10,500	12,500	10,400	12,400	10,200	12,200
	3000	3135	4597	10,500	12,500	10,400	12,400	10,200	12,200
	3250	3260	4847	10,500	12,500	10,400	12,400	10,200	12,200
	3500	3385	5097	10,500	12,500	10,400	12,400	10,200	12,200
	3750	3510	5347	10,500	12,500	10,400	12,400	10,200	12,200
	4000	3635	5597	10,500	12,500	10,400	12,400	10,200	12,200
	4500	3885	6097	10,500	12,500	10,400	12,400	10,200	12,200
	4750	4010	6347	10,500	12,500	10,400	12,400	10,200	12,200
	5000	4135	6597	10,500	12,500	10,400	12,400	10,200	12,200
	5500	4385	7097	10,340	12,320	10,300	12,320	10,040	12,000
	6000	4635	7597	10,160	12,140	10,100	12,100	Capacity will vary based on side shift and tilt	
	6250	4760	7847	10,080	12,060	10,000	12,000		
	6500	4885	8097	9,980	11,960	9,880	11,880		
	7000	5135	8597	9,760	11,740	9,660	11,640		

Capacity calculated with 1,220mm forks
Note: addition of header hoses will add 17mm to OLH (h1) and OEH (h4)

RATED CAPACITIES



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

Rated load - based on vertical mast.

MAST AND CAPACITY INFORMATION - 13-16T

13-16T RATED CAPACITY KG @ 600 MM LOAD CENTRE, STANDARD PIN TYPE CARRIAGE

	Lift height $h_3 + s$ (mm)	Lowered height h_1 (mm)	Extended height h_4 (mm)	Standard pin type carriage (kg)						
				H13XDS6	H14XDS6	H13XD6	H14XD6	H16XD6	H10XD12	H12XD12
2 STAGE NFL	2750	3068	4398	13,500	14,500	13,500	14,500	16,500	10,500	12,500
	3000	3193	4648	13,500	14,500	13,500	14,500	16,500	10,500	12,500
	3250	3318	4898	13,500	14,500	13,500	14,500	16,500	10,500	12,500
	3500	3443	5148	13,500	14,500	13,500	14,500	16,500	10,500	12,500
	3750	3568	5398	13,500	14,500	13,500	14,500	16,500	10,500	12,500
	4000	3693	5648	13,500	14,500	13,500	14,500	16,500	10,500	12,500
	4500	3943	6148	13,500	14,500	13,500	14,500	16,500	10,500	12,500
	4750	4068	6398	13,500	14,500	13,500	14,500	16,500	10,500	12,500
	5000	4193	6648	13,500	14,500	13,500	14,500	16,500	10,500	12,500
	5500	4443	7148	13,340	14,340	13,320	14,320	16,300	10,360	12,360
	6000	4693	7648	13,160	14,140	13,140	14,140	16,120	10,220	12,200
	6250	4818	7898	13,080	14,060	13,040	14,040	16,000	10,140	12,100
	6500	4943	8148	12,960	13,960	12,920	13,940	15,900	10,040	12,000
	7000	5193	8648	12,700	13,760	12,660	13,720	15,660	9,860	11,800

13-16T RATED CAPACITY KG @ 600 MM LOAD CENTRE, SIDESHIFT FRAME PIN TYPE CARRIAGE

	Lift height $h_3 + s$ (mm)	Lowered height h_1 (mm)	Extended height h_4 (mm)	Sideshift frame pin type carriage (kg)						
				H13XDS6	H14XDS6	H13XD6	H14XD6	H16XD6	H10XD12	H12XD12
2 STAGE NFL	2750	3068	4398	13,400	14,500	13,400	14,500	16,400	10,400	12,400
	3000	3193	4648	13,400	14,500	13,400	14,500	16,400	10,400	12,400
	3250	3318	4898	13,400	14,500	13,400	14,500	16,400	10,400	12,400
	3500	3443	5148	13,400	14,500	13,400	14,500	16,400	10,400	12,400
	3750	3568	5398	13,400	14,500	13,400	14,500	16,400	10,400	12,400
	4000	3693	5648	13,400	14,500	13,400	14,500	16,400	10,400	12,400
	4500	3943	6148	13,400	14,500	13,400	14,500	16,400	10,400	12,400
	4750	4068	6398	13,400	14,500	13,400	14,500	16,400	10,400	12,400
	5000	4193	6648	13,400	14,500	13,400	14,500	16,400	10,400	12,400
	5500	4443	7148	13,240	14,340	13,240	14,320	16,280	10,280	12,260
	6000	4693	7648	13,040	14,160	13,000	14,140	16,040	10,120	12,080
	6250	4818	7898	12,920	14,060	12,900	14,040	15,900	10,020	12,000
	6500	4943	8148	12,800	13,960	12,780	13,940	15,780	9,940	11,900
	7000	5193	8648	12,560	13,760	12,500	13,720	15,500	9,740	11,680

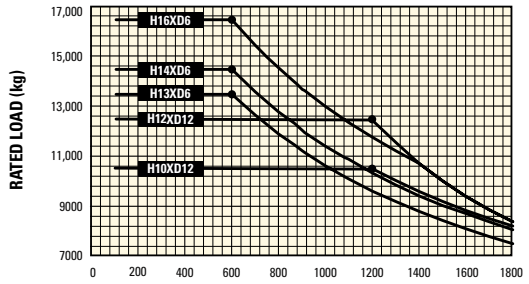
13-16T RATED CAPACITY KG @ 600 MM LOAD CENTRE, QD DFSSFP CARRIAGE

	Lift height $h_3 + s$ (mm)	Lowered height h_1 (mm)	Extended height h_4 (mm)	QD DFSSFP carriage (kg)						
				H13XDS6	H14XDS6	H13XD6	H14XD6	H16XD6	H10XD12	H12XD12
2 STAGE NFL	2750	3068	4398	13,100	14,400	13,100	14,400	16,100	10,200	12,000
	3000	3193	4648	13,100	14,400	13,100	14,400	16,100	10,200	12,000
	3250	3318	4898	13,100	14,400	13,100	14,400	16,100	10,200	12,000
	3500	3443	5148	13,100	14,400	13,100	14,400	16,100	10,200	12,000
	3750	3568	5398	13,100	14,400	13,100	14,400	16,100	10,200	12,000
	4000	3693	5648	13,100	14,400	13,100	14,400	16,100	10,200	12,000
	4500	3943	6148	13,100	14,400	13,100	14,400	16,100	10,200	12,000
	4750	4068	6398	13,100	14,400	13,100	14,400	16,100	10,200	12,000
	5000	4193	6648	13,100	14,400	13,100	14,400	16,100	10,200	12,000
	5500	4443	7148	12,700	12,720	12,880	13,640	14,040	10,060	12,000
	6000	4693	7648	Capacity will vary based on side shift and tilt						
	6250	4818	7898							
	6500	4943	8148							
	7000	5193	8648							

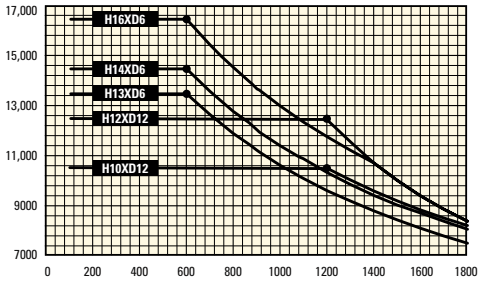
Capacity calculated with 1,830mm forks
Note: addition of header hoses will add 17mm to OLH (h1) and OEH (h4)

RATED CAPACITIES

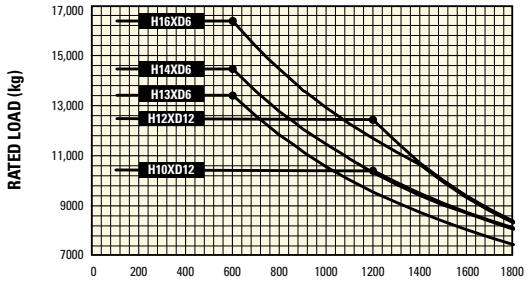
STANDARD PIN TYPE CARRIAGE



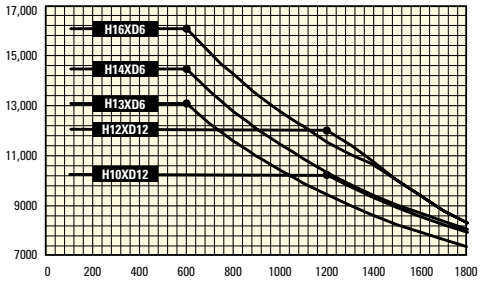
PIN TYPE CARRIAGE WITH FORK POSITIONER



PIN TYPE SIDESHIFT FRAME CARRIAGE



DF-SS-FP CARRIAGE



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

Rated load - based on vertical mast.

MAST AND CAPACITY INFORMATION - 16-18T

16-18T RATED CAPACITY KG @ 600, 900 AND 1200 MM LOAD CENTRE, STANDARD PIN TYPE CARRIAGE

	Lift height $h_3 + s$ (mm)	Lowered height h_1 (mm)	Extended height h_4 (mm)	Standard pin type carriage (kg)						
				H14XD12	H16XDS9	H16XDS12	H18XD6	H16XD9	H16XD12	H18XD9
2 STAGE NFL	3984	3703	5645	14,500	16,400	16,000	18,200	16,400	16,000	18,200
	4594	4008	6255	14,500	16,400	16,000	18,200	16,400	16,000	18,200
	5406	4414	7067	14,500	16,400	16,000	18,200	16,400	16,000	18,200
	6219	4821	7880	14,240	16,100	16,000	17,860	16,100	16,000	17,840

16-18T RATED CAPACITY KG @ 600, 900 AND 1200 MM LOAD CENTRE, SIDESHIFT FRAME PIN TYPE CARRIAGE

	Lift height $h_3 + s$ (mm)	Lowered height h_1 (mm)	Extended height h_4 (mm)	Sideshift frame pin type carriage (kg)						
				H14XD12	H16XDS9	H16XDS12	H18XD6	H16XD9	H16XD12	H18XD9
2 STAGE NFL	3984	3703	5645	14,500	16,000	16,000	18,000	16,000	16,000	17,450
	4594	4008	6255	14,500	16,000	16,000	18,000	16,000	16,000	17,450
	5406	4414	7067	14,500	16,000	16,000	18,000	16,000	16,000	17,450
	6219	4821	7880	14,220	15,940	15,940	17,860	15,920	15,920	17,160

16-18T RATED CAPACITY KG @ 600, 900 AND 1200 MM LOAD CENTRE, QD DFSSFP CARRIAGE

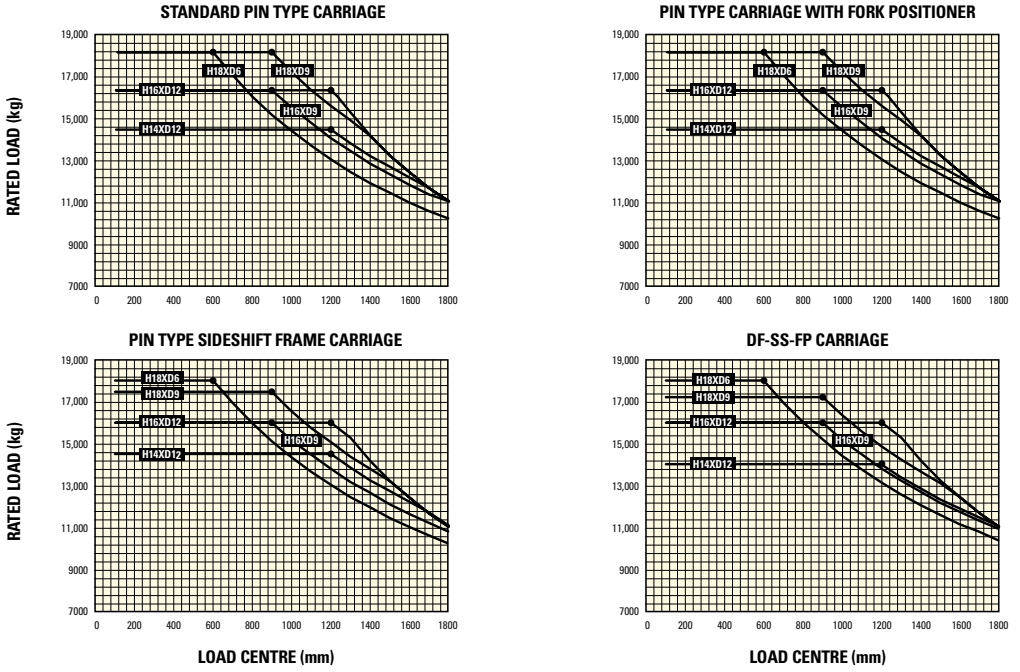
	Lift height $h_3 + s$ (mm)	Lowered height h_1 (mm)	Extended height h_4 (mm)	QD DFSSFP carriage (kg)						
				H14XD12	H16XDS9	H16XDS12	H18XD6	H16XD9	H16XD12	H18XD9
2 STAGE NFL	3984	3703	5645	14,000	16,000	16,000	18,000	16,000	16,000	17,200
	4594	4008	6255	14,000	16,000	16,000	18,000	16,000	16,000	17,200
	5406	4414	7067	14,000	15,180	14,740	15,840	15,460	14,960	15,580
	6219	4821	7880	Capacity will vary based on side shift and tilt						

16-18T RATED CAPACITY KG @ 600, 900 AND 1200 MM LOAD CENTRE, QD DFSSFP CARRIAGE INTEGRATED FORKS

	Lift height $h_3 + s$ (mm)	Lowered height h_1 (mm)	Extended height h_4 (mm)	DFSSFP INTEGRATED FORKS CRG (kg)						
				H14XD12	H16XDS9	H16XDS12	H18XD6	H16XD9	H16XD12	H18XD9
2 STAGE NFL	3984	3703	5645	14,500	16,000	16,000	18,000	16,000	16,000	18,000
	4594	4008	6255	14,500	16,000	16,000	18,000	16,000	16,000	18,000
	5406	4414	7067	14,500	15,320	14,880	15,940	15,600	15,100	15,740
	6219	4821	7880	Capacity will vary based on side shift and tilt						

Capacity calculated with 2,440mm forks. Note: addition of header hoses will add 17mm to OLH (h1) and OEH (h4)

RATED CAPACITIES



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

Rated load - based on vertical mast.

GENERAL	1-1	Manufacturer			HYSTER
	1-2	Model designation			all trucks
	1-3	Powertrain / drivetrain			Diesel

ENGINE	7-1	Engine manufacturer / model			MTU OM 934
	7-1a	EPA / CE compliance			Stage V
	7-2	Engine power output according to ISO 1585		kW	129 @ 2,200
	7-2-1	Engine power output - Peak		kW	129 @ 1,800
	7-2-2	Maximum engine torque		Nm@rpm	750 @ 1,600
	7-3	Rated speed		rpm	2,200
	7-4	Number of cylinders / displacement		# / cm^3	4 / 5,300
	7-8	Alternator output		Amps	120
	7-10	Battery voltage, rated capacity		V / Ah	24 / 102

DRIVE	8-1	Type of drive unit			Torque Converter
	8-2	Transmission manufacturer / type			ZF / 3WG161
	8-3	Transmission speeds forward / backward			Kessler D61
	8-4	Coupling			Oil immersed disc
	8-5	Wheel drive / drive axle manufacturer / type			Dry disc on drive axle

MISC	10-1	Operating pressure for attachments		MPa	19.5
	10-2	Oil volume for attachments		l/min	100
	10-3	Hydraulic tank capacity		l	109
	10-4	Fuel tank capacity (Wheelbase 2900 mm / 3300+ mm)		l	138 / 187
	10-4-1	DEF tank capacity		l	19
	10-5	Steering design			Hydraulic power steering
	10-7	Sound pressure level at the driver's seat **(4)**	Lpaz	dB (A)	TBD
	10-7-1	Sound power level during the working cycle **(4)**	Lwaz	dB (A)	TBD
	10-7-1	Towing coupling, model / type			Yes / Pin

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) 8-16T Front End models based on Stage-V engine and Standard Pin CRG & 16-18T Front End models based on Stage-V engine and DFSSFP CRG w/ integrated forks.
(2) 8-12T Front End models based on 10.00-20 16PR tires, 13-16T Front End models based on 12.00-20 20PR tires and 16-18t Front End models based on 12.00 R 20
(3) Travel speed laden/unladen limited at 25 km/h as factory default.
(4) Sound level(s) based on low mount exhaust

All capacities are according to EN1551.

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

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.

FEATURES AND OPTIONS - ALL TRUCKS

PERFORMANCE	STD	OPT
Mercedes MTU OM 934 Stage V diesel engine	X	
Hydraulic driven cooling fan	X	
Performance modes	X	
Powertrain protection system	X	
Heavy duty air intake	X	
Heavy duty air intake (raised)		X
Low mount exhaust (below chassis)	X	
High mount exhaust		X
ZF Transmission WG161 3-speeds forward/3-speeds reverse auto-shifting	X	
Kessler D81 drive axle with wet disc brakes	X	
DRIVE	**STD**	**OPT**
Speed limiter - unconditional and customer adjustable		X
Travel speed limiter - loaded (adjustable)		X
LIFT	**STD**	**OPT**
On-demand load sensing hydraulic system	X	
Automatic throttle-up when lifting (in neutral or inching)	X	
Hydraulic accumulator		X
Pressure compensated lowering	X	
Hydraulic system temperature protection		X
Mast tilt indicator - mechanical		X
ERGONOMICS	**STD**	**OPT**
Open operator compartment (without doors and screens)	X	
Enclosed operator cabin		X
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	
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	
Lateral seat sliding mechanism		X
Floor mat	X	
Coat hook	X	
Front, top and rear wipers with individual controlled washers		X
"H"-pattern front wiper (Enclosed operator cabin)	X	
"I"-pattern front wiper (Enclosed operator cabin)	X	
Top window with armoured glass (Enclosed operator cabin)	X	
Steel bars under amoured glass top window (enclosed operator cabin)		X
Tinted operator compartment windows (all)		X
Tinted operator compartment top window		X
Plexiglass shield in front of front window		X
Wire mesh installed on top of operator compartment		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 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
Heater with adjustable speed fan (enclosed operator cabin)	X	
Diesel fueled cabin heater		X
Telescoping and tilting steering column	X	
USB outlet inside armrest	X	
24-12 DC converter with 2 sockets and 2 USB outlets		X
Automatic climate control		X

ERGONOMICS *(continued)*	STD	OPT
Reading light		X
Sun shades on top and rear		X
Sun visors front window		X
Trainer seat		X
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 sntenna		X
VISIBILITY	**STD**	**OPT**
Exterior mirrors mounted to cab		X
Interior wide angle mirrors	X	
Rear view camera system		X
Radar object detection system		X
Halogen work lights	X	
LED work lights		X
High Performance LED work lights		X
Two head lights mounted on front fenders		X
Mast mounted work lights		X
Four cabin mounted work lights		X
Two rearward work lights mounted on the cabin	X	
LED stop/tail/brake lights	X	
Turn signals, hazard and marker lights (LED)	X	
OPERATION	**STD**	**OPT**
Air horn 112 dBA		X
Electric horn 105 dBA	X	
Visible alarm – Amber strobe light, key switch activated		X
Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting		X
Audible alarm – reverse direction white noise		X
Forward / reverse motion alarm		X
Blue LED spotlight – rear / front and rear		X
Seatbelt interlock for engine start		X
Tyre pressure monitoring system		X
Air-conditioning or automatic climate control off with open door		X
Automatic truck shutdown with timer		X
Lockable battery disconnect switch		X
Battery jump start connector (NATO plug)		X
Truck Start with key switch and start button	X	
Operator password (display) for truck start		X
Seatbelt interlock for truck start		X
Power distribution group with fuses	X	
Fuses partially replaced by electric circuit breakers		X
Non-lockable fuel cap	X	
Lockable fuel cap		X
Diesel fuel inlet strainer in filler neck		X
Hyster Tracker wireless asset management system		X
Hyster Tracker wireless asset management - Access / Verification		X
Hyster Tracker wireless asset management - Monitoring		X
Auto greasing system for basic truck and outer mast		X
24 volt electrical system	X	
Steer wheel lug nut protection		X
Front mud flaps		X
Rear mud flaps		X
Lifting eyes - 2 front and 2 rear		X
APPEARANCE	**STD**	**OPT**
Hyster yellow paint base truck	X	
Special paint base truck		X
Operator compartment special paint (outside only)		X
Hazard warning striping on counterweight		X
SUPPLEMENTAL	**STD**	**OPT**
Literature package	X	
Operator's manual	X	
CE certification*	X	
Warranty: 12 Months / 2,000 Hours Parts manufacturer's warranty		X
Warranty: 24 Months / 4,000 Hours Parts manufacturer's warranty	X	

H9XDL6; H10XD6; H12XD6

DRIVE	STD	OPT
10.00 - 20 16PR Pneumatic Bias Ply drive and steer tyres	X	
10.00 - R20 Radial Michelin XZM drive and steer tyres		X
10.00 - R20 Radial Trelleborg drive and steer tyres		X
10.00 - 20 Pneumatic Shaped Solid drive and steer tyres		X
Spare wheels and tyres		X
LIFT	**STD**	**OPT**
90cc Dual pump hydraulic system	X	
111cc Dual pump hydraulic system		X
Four mast mounted work lights		X
2 stage Non Free Lift 9t and 12t mast	X	
2 Stage Full Free Lift 12t mast (can be used on lower capacity models)		X
3 Stage Full Free Lift 12t mast (can be used on lower capacity models)		X
Mast tilt - 5° forward / 6° back		X
Mast tilt - 5° forward / 12° back		X
Mast tilt - 15° Forward / 10° back		X
Mast tilt - 15° forward / 12° back	X	
Mast tilt - 20.5° forward / 7° back		X
HANDLING	**STD**	**OPT**
2400mm (94.3") Pin type standard carriage	X	
2400mm (94.3") Pin type carriage with simultaneous and independent fork positioner		X
2400mm (94.3") Pin type integral sideshift carriage		X
2400mm (94.3") Pin type integral sideshift carriage with simultaneous fork positioner		X
2400mm (94.3") Pin type integral sideshift carriage with simultaneous and independent fork positioner		X
2400mm (94.5") QD Hook type dual function sideshift carriage with simultaneous and independent fork positioner		X
2400mm (94.4") QD Hook type dual function sideshift carriage with simultaneous fork positioner and 2 auxiliary functions		X
2500mm (98") High load backrest (for lumber applications)		X
1760mm (69") High load backrest		X
2010mm (79") High load backrest		X
Pin type forks (various sizes)		X
Pin type forks for lumber applications		X
Hook type quick disconnect DFSSFP forks (various sizes)		X

H13XDS6; H13XD6; H14XDS6; H14XD6; H16XD6; H10XD12; H12XD12

DRIVE	STD	OPT
12.00 - 20 20PR Trelleborg Pneumatic Bias Ply drive and steer tyres	X	
12.00 - R20 Michelin XZM Radial drive and steer tyres		X
12.00 - R20 Trelleborg Radial drive and steer tyres		X
12.00 - 20 Pneumatic Shaped Solid drive and steer tyres		X
Spare wheels and tyres		X
LIFT	**STD**	**OPT**
126cc dual pump hydraulic system	X	
Four mast mounted work lights		X
2 Stage Non Free Lift 16T mast	X	
2 Stage Full Free Lift 16T mast		X
3 Stage Full Free Lift 16T mast		X
Mast tilt - 5° Forward / 6° Back		X
Mast tilt - 5° Forward / 12° Back		X
Mast tilt - 15° Forward / 10° Back		X
Mast tilt - 15° Forward / 12° Back	X	
Mast tilt - 20.5° Forward / 7° Bac		X
HANDLING	**STD**	**OPT**
2400mm (94.3") Pin type standard carriage	X	
2400mm (94.3") Pin type carriage with simultaneous and independent fork positioner		X
2400mm (94.3") Pin type integral sideshift carriage		X
2400mm (94.3") Pin type integral sideshift carriage with simultaneous fork positioner		X
2400mm (94.3") Pin type integral sideshift carriage with simultaneous and independent fork positioner		X
2400mm (94.5") QD Hook type dual function sideshift carriage with simultaneous and independent fork positioner		X
2400mm (94.4") QD Hook type dual function sideshift carriage with simultaneous fork positioner and 2 auxiliary functions		X
2500mm (98") high load backrest (for lumber applications)		X
1760mm (69") high load backrest		X
2010mm (79") high load backrest		X
2500mm (98") high load backrest (for lumber applications)		X
Pin type forks (various sizes)		X
Pin type forks for lumber applications		X
Hook type quick disconnect DFSSFP forks (various sizes)		X

H14XD12; H16XDS9; H16XD9; H16XDS12; H16XD12; H18XD6; H18XD9

DRIVE	STD	OPT
12.00 - 20 20 Pneumatic Bias Drive tyres	X	
12.00 - R20 Michelin XZM Radial drive and steer tyres		X
LIFT	**STD**	**OPT**
126cc dual pump hydraulic system	X	
Two mast mounted work lights		X
2 Stage Non Free Lift mast 18t	X	
2 Stage Full Free Lift mast 18t		X
3 Stage Full Free Lift mast 18t		X
Mast tilt - 6° Forward / 10° Back	X	
Mast tilt - 10.5° Forward / 12° Back		X
Mast tilt - 15° Forward / 10° Back		X
HANDLING	**STD**	**OPT**
2540mm (100") Pin type carriage with mechanical fork locks		X
2540mm (100") Pin type carriage with individual fork positioner		X
2540mm (100") Pin type apron-style sideshift carriage		X
2540mm (100") Pin type apron-style sideshift carriage with individual fork positioner		X
2540mm (100") Dual function sideshift carriage with individual fork positioner with integral forks	X	
2540mm (100") Hook type dual function sideshift carriage with individual fork positioner with Quick Disconnect forks		X
Simultaneous fork positioning		X
2440mm (96") length pin type forks		X
2440mm (96") length hook type forks		X
2440mm (96") length integral forks	X	

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

FRONT END EQUIPMENT - 9-12-16T

PIN TYPE CARRIAGE WITH SIMULTANEOUS AND INDEPENDENT FORK POSITIONER (FOR LUMBER APPLICATIONS)



PIN TYPE STANDARD CARRIAGE



PIN TYPE CARRIAGE WITH SIMULTANEOUS AND INDEPENDENT FORK POSITIONER



PIN TYPE INTEGRAL SIDESHIFT FRAME CARRIAGE



PIN TYPE INTEGRAL SIDESHIFT FRAME CARRIAGE





QD HOOK TYPE DUAL FUNCTION SIDESHIFT WITH - SIMULTANEOUS AND INDEPENDANT FORK POSITIONER





For applicable modes look at features and options. Pictures are illustrative only: size and shape can differ per mast capacity size.

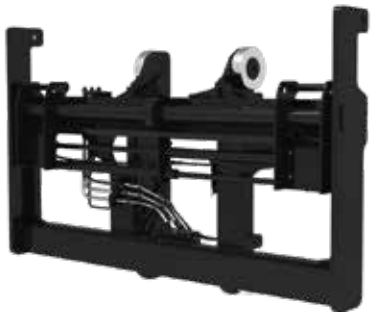
RANGE OF PIN TYPE AND HOOK TYPE FORKS



PIN TYPE CARRIAGE WITHOUT FORK POSITIONER



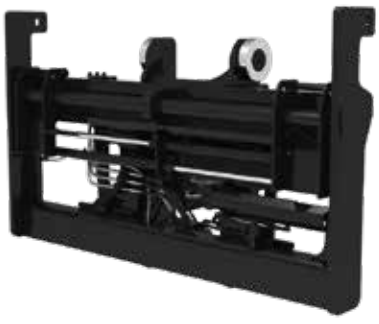
PIN TYPE CARRIAGE WITH FORK POSITIONER



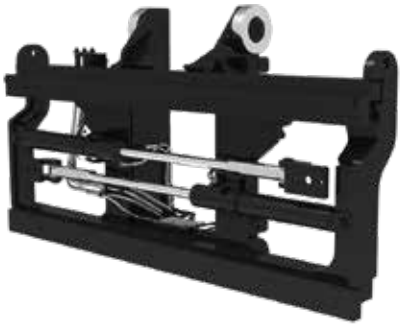
PIN TYPE INTEGRAL SIDESHIFT FRAME CARRIAGE WITHOUT FORK POSITIONER



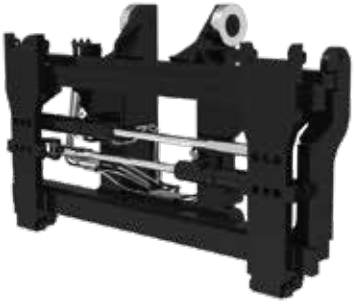
PIN TYPE INTEGRAL SIDESHIFT FRAME CARRIAGE WITH FORK POSITIONER



INTEGRAL HOOK TYPE DUAL FUNCTION SIDESHIFT CARRIAGE WITH FORK POSITIONER



QD HOOK TYPE DUAL FUNCTION SIDESHIFT CARRIAGE WITH FORK POSITIONER



For applicable modes look at features and options.

STRONG PARTNERS. TOUGH TRUCKS.™

FOR DEMANDING OPERATIONS, EVERYWHERE.

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

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

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



HYSTER EUROPE

Centennial House, Frimley Business Park, Frimley, Surrey, GU16 7SG, England.
Tel: +44 (0) 1276 538500

www.hyster.eu **infoeurope@hyster.com** **/HysterEurope** **@HysterEurope** **/HysterEurope**

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.
©2021 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. ZF is a trademark of ZF Friedrichshafen AG. Kessler is a trademark of Kessler & Co. GmbH & Co. KG. Michelin is a trademark of Cie Gnrl des Etblsmnts Michelin SCA. Trelleborg is trademark of Trelleborg AB. Hyster products are subject to change without notice. Forklift trucks illustrated may feature optional equipment.

Printed in EU. Part number: 3991805 Rev. 00-05/21-TLC