

# H10-16XD SERIES

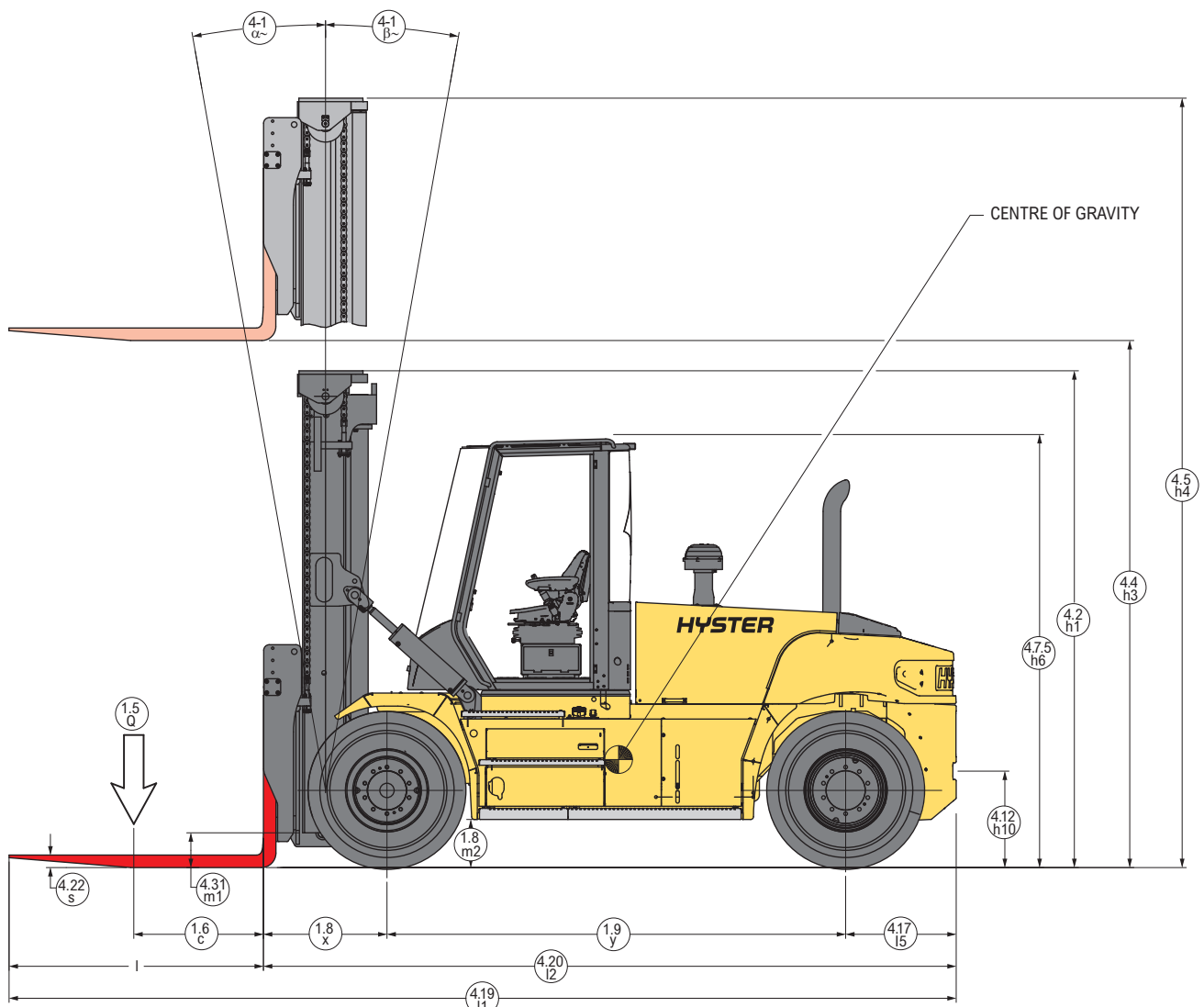


## HEAVY DUTY FORKLIFT TRUCK PNEUMATIC TIRE PRODUCT TECHNICAL GUIDE



[WWW.HYSTER.COM](http://WWW.HYSTER.COM)

# TRUCK DIMENSIONS



● = Centre of gravity of unladen truck

AST =  $Wa + x + l6 + a$  (if  $b12/2 < b13$ )

AST =  $Wa + ((l6+x)^2 + (b12/2-b13)^2)^{0.5} + a$  (if  $b12/2 > b13$  and  $Wa > b13 + b12/2$ )

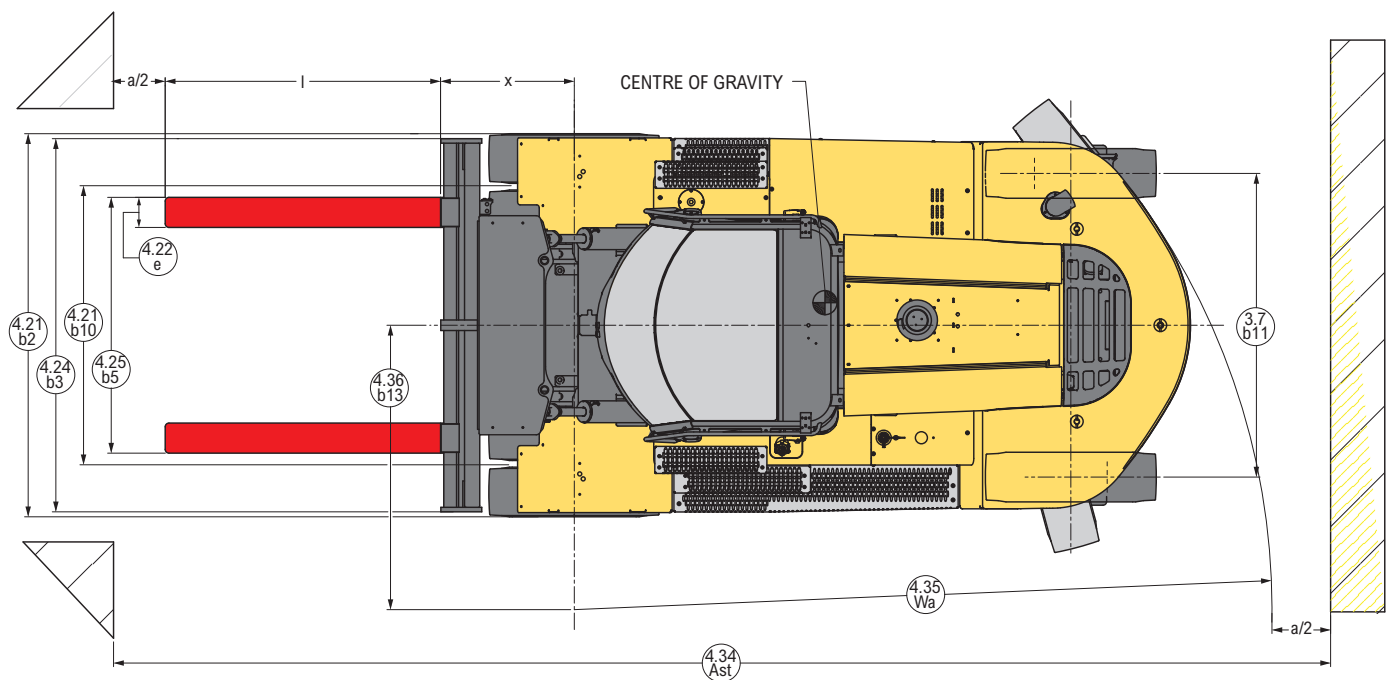
AST =  $b13 + b12/2 - ((l6+x)^2 + (b12/2-b13)^2)^{0.5} + a$  (if  $b12/2 > b13$  and  $Wa < b13 + b12/2$ )

a = Minimum operating clearance = 10% of  $A_{ST}$   
(VDI standard = 200 mm BITA recommendation = 300 mm)

l6 = load lengths

b12 = load width

# TRUCK DIMENSIONS



● = Centre of gravity of unladen truck

$A_{ST} = W_a + x + l_6 + a$  (if  $b_{12}/2 < b_{13}$ )

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

$A_{ST} = b_{13} + b_{12}/2 ((l_6+x)^2 + (b_{12}/2-b_{13})^2)^{0.5} + a$  (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

# H10XD6 | H12XD6 SPECIFICATIONS

CHARACTERISTICS	1.1	Manufacturer		HYSTER					
	1.2	Manufacturer's type designation		H10XD6		H12XD6			
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel					
	1.4	Operator type: hand, pedestrian, standing, seated, orderpicker		Seated					
	1.5	Rated capacity / rated load	Q	kg	10,500		12,500		
	1.6	Load centre distance	c	mm	600		600		
	1.8	Load distance	x	mm	809		809		
1.9	Wheelbase	y	mm	2,900		2,900			
WEIGHTS	2.1	Service weight *		kg	14,470		15,882		
	2.2	Axle loading, laden front / rear		kg	23,155	1,815	26,034	2,348	
	2.3	Axle loading, unladen front / rear		kg	7,553	6,917	7,460	8,421	
WHEELS & TYRES	3.1	Tyres		Pneumatic					
	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					
DIMENSIONS	3.6	Track width, front	b10	mm	1,842				
	3.7	Track width, rear	b11	mm	2,020				
	4.1	Mast tilt: forward / backwards	$\alpha / \beta$	°	15° / 12°				
	4.2	Height of mast lowered (unloaded)	h1	mm	4,135				
	4.3	Free lift	h2	mm	-				
	4.4	Lift height (bottom of forks)	h3	mm	4,925				
	4.5	Height of mast extended (unloaded)	h4	mm	6,597				
	4.7	Height of overhead guard (open cab)	h6	mm	3,055				
	4.7.1	Height of overhead guard (closed cab)	h6	mm	3,082				
	4.7.2	Height of overhead guard (closed cab w/ airco)	h6	mm	3,082				
	4.7.3	Height of overhead guard (closed cab w/ strobe light)	h6	mm	3,177				
	4.7.4	Height of overhead guard (closed cab w/ work lights)	h6	mm	3,231				
	4.7.5	Height of overhead guard (closed cab w/ airco & strobe light)	h6	mm	3,207				
	4.8	Seat height (Seat Index Point, ISO 5353)	h7	mm	1,875				
	4.12	Coupling height	h10	mm	661				
	4.17	Overhang	l5	mm	795				
	4.19	Overall length	l1	mm	5,724				
	4.20	Length to face of forks	l2	mm	4,504				
	4.21	Overall width truck	b2	mm	2,490				
	4.22	Fork dimensions	s/e/l	mm	75 / 200 / 1,220				
	4.23	Carriage type			75 mm std pin type				
	4.24	Carriage width	b3	mm	2,396				
	4.25	Distance over fork arms, minimum / maximum	b5	mm	534 / 2256				
	4.30	Sideshift (min / max)	b8	mm	-				
	4.31	Ground clearance, under mast (w/o load)	m1	mm	253				
	4.32	Ground clearance, centre of wheelbase	m2	mm	313				
	4.33	Load size	w x l	mm	1,200 x 1,200				
	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				
	4.34.2	Aisle width (a=0)	Ast	mm	5,720				
	4.34.3	Aisle width (a=200)	Ast	mm	5,920				
	4.35	Turning radius (outer)	Wa	mm	4,107				
	4.36	Internal turning radius	b13	mm	1,538				
PERFORMANCE	TIER 3								
	5.1	Travel speed laden/unladen T3**		km/h	29.7	30.9	29.7	30.9	
	5.2	Lifting speed laden/unladen 90cc T3		m/s	0.40	0.40	0.40	0.40	
	5.2.1	Lifting speed laden/unladen 111cc T3		m/s	0.47	0.54	0.47	0.54	
	5.2.2	Lifting speed laden/unladen 126cc T3		m/s	-	-	-	-	
	5.3	Lowering speed laden/unladen		m/s	0.54	0.48	0.54	0.48	
	5.5	Drawbar pull laden/unladen @ 1.6 km/hour T3		kN	95	97	95	97	
	5.6	Drawbar pull laden/unladen @ stall T3		kN	105	107	105	107	
	5.7	Gradeability laden/unladen @ 1.6 km/hour T3		%	42	33	36	32	
	5.8	Gradeability laden/unladen @ stall T3		%	48	33	41	32	
	TIER 4								
	5.1	Travel speed laden/unladen T4**		km/h	29.7	30.9	29.7	30.9	
	5.2	Lifting speed laden/unladen 90cc T4		m/s	0.40	0.40	0.40	0.40	
	5.2.1	Lifting speed laden/unladen 111cc T4		m/s	0.50	0.54	0.50	0.54	
	5.2.2	Lifting speed laden/unladen 126cc T4		m/s	-	-	-	-	
	5.3	Lowering speed laden/unladen		m/s	0.54	0.48	0.54	0.48	
	5.5	Drawbar pull laden/unladen @ 1.6 km/hour T4		kN	100	102	100	102	
	5.6	Drawbar pull laden/unladen @ stall T4		kN	111	113	111	113	
5.7	Gradeability laden/unladen @ 1.6 km/hour T4		%	45	33	32	38		
5.8	Gradeability laden/unladen @ stall T4		%	51	33	32	43		
OTHERS	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		l	151				
	10.4.1	DEF tank capacity		l	19				
	10.5	Steering design			Hydraulic power steering				
	10.6	Number of steering rotation			5.0				
	10.8	Towing coupling, model / type			Yes / Pin				

(1) Truck models based on Tier 3 engine and standard pin-type carriage w/o fork positioning  
 (2) Travel speed laden/unladen limited at 25 km/h as factory default

# H14XD6 | H16XD6 | H16XDS12 SPECIFICATIONS

CHARACTERISTICS	1.1	Manufacturer			HYSTER					
	1.2	Manufacturer's type designation			H14XD6		H16XD6		H16XDS12	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Diesel					
	1.4	Operator type: hand, pedestrian, standing, seated, orderpicker			Seated					
	1.5	Rated capacity / rated load		Q	kg	14,500		16,500		16,400
	1.6	Load centre distance		c	mm	600		600		1,200
	1.8	Load distance		x	mm	889		889		941
	1.9	Wheelbase		y	mm	3,300		3,300		3,500
	WEIGHTS	2.1	Service weight *			kg	18,483		19,459	
2.2		Axle loading, laden front / rear			kg	30,249	2,734	33,225	2,734	36,401 3,459
2.3		Axle loading, unladen front / rear			kg	9,206	9,277	9,280	10,179	9,969 13,491
WHEELS & TYRES	3.1	Tyres			Pneumatic					
	3.2	Tyres size, front			12.00-20 20PR		12.00-20 20PR		12.00 R 20	
	3.3	Tyres size, rear			12.00-20 20PR		12.00-20 20PR		12.00 R 20	
DIMENSIONS	3.5	Wheels, number front / rear (x = driven wheels)			4X / 2					
	3.6	Track width, front		b10	mm	1,842		1,842		1,844
	3.7	Track width, rear		b11	mm	2,018		2,018		2,020
	4.1	Mast tilt: forward / backwards		α / β	°	15° / 12°		15° / 12°		6° / 10° 10°
	4.2	Height of mast lowered (unloaded)		h1	mm	4,193		4,193		4,008
	4.3	Free lift		h2	mm	-		-		-
	4.4	Lift height (bottom of forks )		h3	mm	4,910		4,910		4,494
	4.5	Height of mast extended (unloaded)		h4	mm	6,648		6,648		6,255
	4.7	Height of overhead guard (open cab)		h6	mm	3,083		3,083		3,083
	4.7.1	Height of overhead guard (closed cab)		h6	mm	3,110		3,110		3,110
	4.7.2	Height of overhead guard (closed cab w/ airco)		h6	mm	3,110		3,110		3,110
	4.7.3	Height of overhead guard (closed cab w/ strobe light)		h6	mm	3,205		3,205		3,205
	4.7.4	Height of overhead guard (closed cab w/ work lights)		h6	mm	3,259		3,259		3,259
	4.7.5	Height of overhead guard (closed cab w/ airco & strobe light)		h6	mm	3,235		3,235		3,235
	4.8	Seat height (Seat Index Point, ISO 5353)		h7	mm	1,903		1,903		1,903
	4.12	Coupling height		h10	mm	689		689		689
	4.17	Overhang		l5	mm	795		795		942
	4.19	Overall length		l1	mm	6,814		6,814		7,823
	4.20	Length to face of forks		l2	mm	4,984		4,984		5,383
	4.21	Overall width truck		b2	mm	2,541		2,541		2,541
	4.22	Fork dimensions		s/e/l	mm	90 / 200 / 1,830		90 / 200 / 1,830		100 / 200 / 2,440
	4.23	Carriage type				90 mm std pin type		90 mm std pin type		100 mm std pin type
	4.24	Carriage width		b3	mm	2,496		2,496		2,540
	4.25	Distance over fork arms, minimum / maximum		b5	mm	534 / 2356		534 / 2356		470 / 2440
	4.30	Sideshift (min / max)		b8	mm	-		-		-
	4.31	Ground clearance, under mast (w/o load)		m1	mm	245		245		225
	4.32	Ground clearance, centre of wheelbase		m2	mm	341		341		341
	4.33	Load size		w x l	mm	1,200 x 1,200		1,200 x 1,200		2,400 x 2,400
	4.33.1	Aisle width (a=10%)		Ast	mm	7,399		7,399		9,140
	4.33.2	Aisle width (a=0)		Ast	mm	6,726		6,726		8,309
	4.33.3	Aisle width (a=200)		Ast	mm	6,926		6,926		8,509
	4.34	Load size		w x l	mm	1,200 x 800		1,200 x 800		-
	4.34.1	Aisle width (a=10%)		Ast	mm	6,959		6,959		-
4.34.2	Aisle width (a=0)		Ast	mm	6,326		6,326		-	
4.34.3	Aisle width (a=200)		Ast	mm	6,526		6,526		-	
4.35	Turning radius (outer)		Wa	mm	4,573		4,573		4,889	
4.36	Internal turning radius		b13	mm	1,777		1,777		1,803	
PERFORMANCE	TIER 3									
	5.1	Travel speed laden/unladen T3**			km/h	27.4	29.0	27.4	29.0	27.1 29.0
	5.2	Lifting speed laden/unladen 90cc T3			m/s	-	-	-	-	-
	5.2.1	Lifting speed laden/unladen 111cc T3			m/s	0.36	0.40	0.36	0.40	-
	5.2.2	Lifting speed laden/unladen 126cc T3			m/s	-	-	-	-	0.3
	5.3	Lowering speed laden/unladen			m/s	0.54	0.48	0.54	0.48	0.54 0.45
	5.5	Drawbar pull laden/unladen @ 1.6 km/hour T3			kN	99	102	99	101	98 101
	5.6	Drawbar pull laden/unladen @ stall T3			kN	111	114	111	114	110 113
	5.7	Gradeability laden/unladen @ 1.6 km/hour T3			%	32	33	29	32	26 31
	5.8	Gradeability laden/unladen @ stall T3			%	37	33	33	32	29 31
	TIER 4									
	5.1	Travel speed laden/unladen T4**			km/h	27.4	29.0	27.4	29.0	27.1 29.0
	5.2	Lifting speed laden/unladen 90cc T4			m/s	-	-	-	-	-
	5.2.1	Lifting speed laden/unladen 111cc T4			m/s	-	-	-	-	-
	5.2.2	Lifting speed laden/unladen 126cc T4			m/s	0.41	0.46	0.41	0.46	0.39 0.44
	5.3	Lowering speed laden/unladen			m/s	0.54	0.48	0.54	0.48	0.54 0.45
	5.5	Drawbar pull laden/unladen @ 1.6 km/hour T4			kN	104	107	104	107	107 110
	5.6	Drawbar pull laden/unladen @ stall T4			kN	117	120	117	120	120 123
5.7	Gradeability laden/unladen @ 1.6 km/hour T4			%	34	33	31	32	28 31	
5.8	Gradeability laden/unladen @ stall T4			%	39	33	35	32	32 31	
OTHERS	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			l	203				
	10.4.1	DEF tank capacity			l	19				
	10.5	Steering design				Hydraulic power steering				
	10.6	Number of steering rotation				5.0				
	10.8	Towing coupling, model / type				Yes/pin				

- (1) Truck models based on Tier 3 engine and standard pin-type carriage w/o fork positioning  
(2) Travel speed laden/unladen limited at 25 km/h as factory default

# CAPACITY SPECIFICATIONS

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

	Lift height h3 + s (mm)	Lowered height h1 (mm)	Extended height h4 (mm)	Sideshift frame pin type carriage (kg)	
				H10XD6	H12XD6
2-stage NFL	3750	3510	5347	10,400	12,400
	4750	4010	6347	10,400	12,400
	6250	4760	7847	10,000	12,000

Capacity calculated with 1,220 mm forks. Smaller derate applicable with less backtilt.

Note: Addition of header hoses will add 17 mm to OLH (h1) and OEH (h4).

## 14-16T NOMINAL CAPACITY IN KG @ 600MM LOAD CENTRE WITH PIN TYPE CARRIAGE WITH SIDESHIFT

	Lift height h3 + s (mm)	Lowered height h1 (mm)	Extended height h4 (mm)	Sideshift frame pin type carriage (kg)	
				H14XD6	H16XD6
2-stage NFL	3750	3568	5398	14,500	16,400
	4750	4068	6398	14,500	16,400
	6250	4818	7898	14,040	15,900

Capacity calculated with bias tyres.

Capacity calculated with 1,830 mm forks

Note: Addition of header hoses will add 17 mm to OLH (h1) and OEH (h4)

## 16T NOMINAL CAPACITY KG @ 1200 MM LOAD CENTRE WITH QUICK DISCONNECT CARRIAGE

	Lift height h3 + s (mm)	Lowered height h1 (mm)	Extended height h4 (mm)	QD DFSSFP carriage (kg)
				H16XDS12
2-STAGE NFL	3984	3703	5645	16,000
	4594	4008	6255	16,000
	6219	4821	7880	-

Capacity calculated with 2400 mm forks.

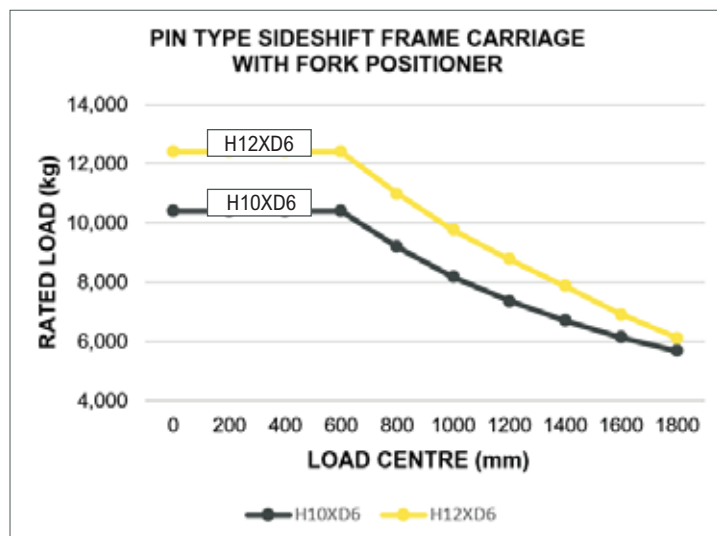
Capacity calculated with bias tyres, radial tyres will give a higher derate for DFSSFP carriage above 5000 mm Lift Height

Note: Addition of header hoses will add 17 mm to OLH (h1) and OEH (h4)



# CAPACITY RATINGS

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

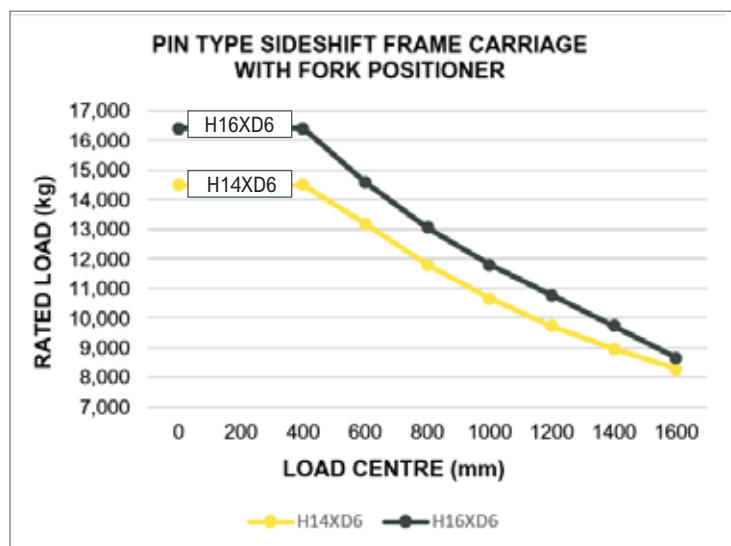


**Load centre** - distance from front of forks to centre of gravity of load.

**Rated load** - based on vertical mast.

Graphs are based on 5000 mm TOF (h3 + s (mm)) lift height and 1220 mm long forks. Long load centre capacities are for reference only and will require longer forks. Please request actual capacity based on the full configuration.

## 14-16T NOMINAL CAPACITY IN KG @ 600MM LOAD CENTRE WITH PIN TYPE CARRIAGE WITH SIDESHIFT



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

**Rated load** - based on vertical mast.

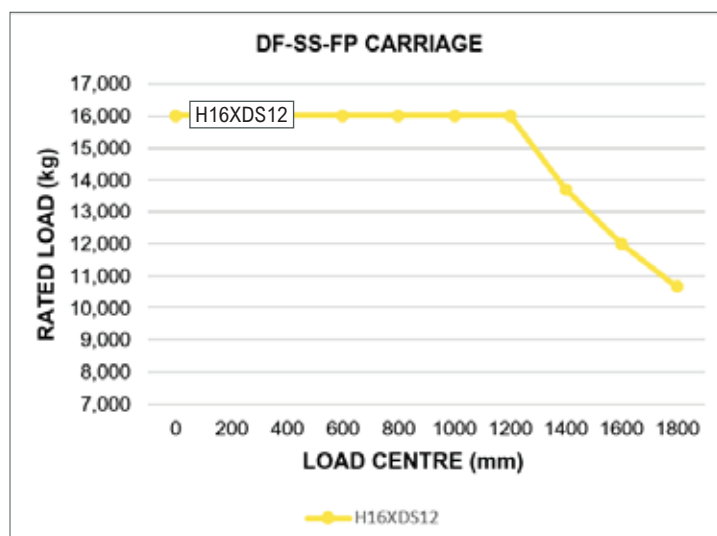
Graphs are based on 5000 mm TOF (h3 + s (mm)) lift height.

XD6 models are calculated with 1830 mm long forks.

Long load centre capacities are for reference only and will require longer forks.

Please request actual capacity based on the full configuration.

## 16T NOMINAL CAPACITY KG @ 1200 MM LOAD CENTRE WITH QUICK DISCONNECT CARRIAGE



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

**Rated load** - based on vertical mast.

Graphs are based on 4594 mm TOF (h3 + s (mm)) lift height

XDS12 models are calculated with 2440 mm long forks.

Long load centre capacities are for reference only and will require longer forks.

Please request actual capacity based on the full configuration.

# POWERTRAINS

GENERAL	1.1	Manufacturer			HYSTER	
	1.2	Manufacturer's type designation			H10-16XD6, H16XDS12	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Diesel	
	1.9	Wheelbase	y	mm	2900-3500	
ENGINE	7.1	Engine manufacturer / type			Cummins QSB 6.7 Tier 3	Cummins QSB 6.7 Tier 4
	7.2	Engine output according to ISO 1585 nominal		kW@rpm	116@2300	122@2300
	7.2.1	Engine output according to ISO 1585 max		kW@rpm	116@2300	125@2100
	7.2.2	Maximum engine torque		Nm@rpm	597@1500	732@1500
	7.3	Rated speed		rpm	2,300	
	7.4	Number of cylinders / displacement		# / cm3	6 / 6700	
	7.5	Fuel consumption in accordance to VDI		l/h	Call	
	7.8	Alternator		A	120	
	7.10	Battery voltage/nominal capacity		V / Ah	24 / 102	
OTHERS	10.7	Sound pressure level per EN 12053 at the driver's seat ***		dB (A)	-	
	10.7.1	Sound power level per EN 12053 during the working cycle ***		dB (A)	TBD	

GENERAL	1.1	Manufacturer			HYSTER	
	1.2	Manufacturer's type designation			H10-12XD6	H14-16XD6, H16XDS12
DRIVE TRAIN	8.1	Type of drive unit			Torque Converter	
	8.2	Transmission Manufacturer / Type			ZF / 3WG161	
	8.3	Drive axle Manufacturer / Type			Kessler D61	Kessler D81
	8.4	Service brake			Oil immersed disc	
	8.5	Parking brake			dry disc on drive axle	

## 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.

(3) Sound level(s) available on request

All capacities are according to EN1551.

## 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

PERFORMANCE	STD	OPT
Cummins QSB 6.7L Tier 3 diesel engine 156 hp (116 kW)	x	
Cummins QSB 6.7L Tier 4F diesel engine 164 hp (122 kW)		x
Hydraulic driven cooling fan	x	
Performance modes (Tier 4)	x	
Powertrain protection system	x	
Heavy duty air intake	x	
High mount exhaust	x	
ZF Transmission 3WG161 3-speeds forward/3-speeds reverse auto shifting	x	
Kessler drive axle with wet disc brakes	x	
DRIVE	STD	OPT
Speed limiter - unconditional and customer adjustable		x
Travel speed limiter - loaded (adjustable)		x
10.00-20 16PR Pneumatic Bias Ply drive and steer tyres (H10XD6 / H12XD6)	x	
12.00-20 20PR Pneumatic Bias Ply drive and steer tyres (H14XD6 / H16XD6)	x	
12.00 - 20 20 Pneumatic Bias drive and steer tyres (H16XDS12)	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
90cc dual pump hydraulic system (H10XD6 / H12XD6)	x	
Four mast mounted work lights (H10XD6 / H12XD6)	x	
2-stage non free lift 10t and 12t mast (H10XD6 / H12XD6)	x	
Mast tilt - 15° forward / 12° back (H10XD6 / H12XD6)	x	
111cc Dual pump hydraulic system (H14XD6 / H16XD6)	x	
Four mast mounted work lights (H14XD6 / H16XD6)	x	
2-stage non free lift 16t mast (H14XD6 / H16XD6)	x	
Mast tilt - 15° forward / 12° back (H14XD6 / H16XD6)	x	
126cc dual pump hydraulic system (H16XDS12)	x	
Two mast mounted work lights (H16XDS12)	x	
2-stage non free lift 18t mast (H16XDS12)	x	
Mast tilt - 15° forward / 12° back (H16XDS12)	x	
HANDLING	STD	OPT
2400 mm (94.3") pin type integral sideshift carriage with simultaneous and independent fork positioner (H10XD6 / H12XD6)	x	
2500 (98") high load backrest (for lumber applications) (H10XD6 / H12XD6)		x
2010 mm (79") high load backrest (H10XD6 / H12XD6)		x
Pin type forks (various sizes) (H10XD6 / H12XD6)		x

HANDLING (CONTINUED)	STD	OPT
2500 mm (94.3") pin type integral sideshift carriage with simultaneous and independent fork positioner (H14XD6 / H16XD6)	x	
2500 mm (98") high load backrest (for lumber applications) (H14XD6 / H16XD6)		x
2010 mm (79") high load backrest (H14XD6 / H16XD6)		x
Pin type forks (various sizes) (H14XD6 / H16XD6)		x
2540 mm (100") hook type dual function sideshift carriage with individual fork positioner with quick disconnect forks (H16XDS12)	x	
Simultaneous fork positioning (H16XDS12)	x	
2440 mm (96") length hook type forks (H16XDS12)	X	
ERGONOMICS	STD	OPT
Enclosed classic cabin	x	
Powered tilt operator compartment for service	x	
Isolated cabin mounting for low noise and vibration	x	
Operator presence system	x	
Deluxe air suspension seat	x	
Cloth seat cover	x	
2-point high visibility seatbelt	x	
Floor mat	x	
Coat hook	x	
"I"-pattern front wiper (enclosed classic operator cabin)	x	
Steel bars under glass top window (enclosed classic operator cabin)	x	
7" Integrated performance display	x	
Touchpoint™ mini levers 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	
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	
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
Radio preparation set-up (wiring, two speakers and antenna)		x

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

## FEATURES AND OPTIONS

VISIBILITY	STD	OPT
Exterior mirrors mounted to cab	x	
Interior wide angle mirrors	x	
Rear view camera system		x
LED work lights	x	
Two head lights mounted on front fenders	x	
Mast 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
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	
Blue LED spotlight – rear / front and rear		x
Air-conditioning or automatic climate control off with open door	x	
Automatic truck shutdown with timer		x
Lockable battery disconnect switch		x
Truck start with key switch and start button	x	
Sequential seatbelt interlock for truck start	x	
Power distribution group with fuses	x	
Lockable fuel cap	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	
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	
SUPPLEMENTAL	STD	OPT
Literature package	x	
Operator's manual	x	
Warranty: 12 months / 2,000 hours parts manufacturer's warranty	x	

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

### RANGE OF PIN TYPE AND HOOK TYPE FORKS



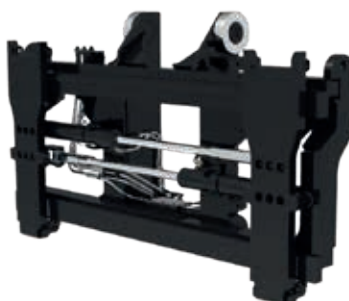
H10-16XD6

### PIN TYPE INTEGRAL SIDESHIFT FRAME CARRIAGE



H16XDS12

### QD HOOK TYPE DUAL FUNCTION SIDESHIFT CARRIAGE WITH FORK POSITIONER



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