



HYSTER

海斯特前移式叉车

R1.4 - R2.5

1 400 - 2 500 kg @ 600 mm



**Diversity and versatility:
Powerful solutions for specific needs**

Design excellence and the smart use of technology come together in the "Matrix" family of reach trucks to offer a value-packed combination of operator comfort, productivity and low-life time cost. A wide range of models offering adjustable performance and ergonomic features allow you to match the needs of your application and the preferences of the operators.

R1.4-R1.6

An impressive selection of models is available in the R1.4-1.6 capacity range, all with compact dimensions and excellent manoeuvrability. A narrow chassis version is available for those applications where space is most critical. All models in the range incorporate integral side-shift and a tilting fork carriage to facilitate loading and unloading operations, especially at high levels.

R2.0-R2.5

Specially conceived for heavy duty applications these models offer excellent residual capacities at height with added built-in strength in the specifically designed mast structure.

**多样性和多功能性:
为特殊需要提供了强有力的解径**

卓越的设计和巧妙的技术运用都在前移式叉车的“Matrix”家族里得到了体现，为您提供了物有所值的，集操作者的舒适性，生产率的高效性和使用寿命的低成本性为一体的装卸机械。此类型叉车的型号覆盖面广，其可调性能及符合人体工程学的特性，都能使您的选择既满足您的使用要求，又满足操作者的个人喜好。

R1.4-R1.6

1.4-1.6型的叉车可供选择的型号很多，令人印象深刻。这类叉车尺寸紧凑，可操作性很强。如果操作区域特别狭小，则可给这类叉车装备窄型底盘。这类叉车的所有型号都把侧移和倾斜货叉滑架有机地结合为一体，以便于装卸操作，特别是高度较高时。

R2.0-2.5

这类叉车专为装卸重的货物而设计，在特别设计的门架结构内再加入了内在强度，从而使叉车在高度较高时仍失载较小。



Driver's cab

The operator enjoys easy access to the cab with the intermediate step and grab handle, and steering wheel and console selector switches are within comfortable reach due to the fully adjustable steering column and full suspension seat. A choice of independent hydraulic function levers or joystick is available.

Instrumentation featured on all models includes hour meter, battery discharge indicator, driver wheel position and forward/reverse travel direction indicator, performance level selected, travel speed, parking brake status and alarm message as standard.

Traction and lift control

AC technology delivers powerful acceleration and braking torque, seamless changes of travel direction and simplified motor construction as standard on all models. This not only includes an AC drive motor, but also pump and steering motors in AC.

All models offer braking on cornering and have regenerative braking. CANbus communication is utilised to simplify wiring, facilitate fault detection and provide option flexibility. The pump motor control and valves provide simultaneous function of lift and reach/retract.



驾驶室

由于有了一个中间踏板和抓杆，操作者可以容易地进入驾驶室；由于有完全可调的转向柱及全悬浮式座椅，操作者可以采用舒服的姿势接触方向盘和控制台选择器。

同时，叉车上可配备独立的液压功能控制杆或操纵盘。所有型号的此类叉车，其仪表以下列功能作为标准配备：小时计、电瓶放电指示计、驱动轮位置和前进/后退指示器、性能等级选择、行驶速度、驻车制动状态、警报信息。

牵引和提升控制

交流(AC)技术提供了强有力的加速和制动扭矩，行驶方向的平稳改变和简化的马达构造(在所有型号上作为标准配备)。这不仅包括交流驱动马达，还包括交流泵和交流转向马达。

所有型号的此类叉车不仅提供了转弯制动功能，而且还提供了再生制动。在这类叉车上使用的数据传输总线盒大大简化了布线，加强了故障检测功能，并提供了各选项的灵活性。泵马达控制和阀门可同时提供提升功能和前移/回缩功能。



High visibility mast

The mast design with offset free lift cylinder and uncluttered forks carriage provides outstanding visibility across the height range. The fixed mast construction incorporating tilting fork carriage with integral side shift as standard provides excellent residual capacity at heights up to 11 400mm.

Service

Easy access to service areas is permitted through the swing open cabin at the front of the truck and reduced service costs are enjoyed through the benefits of AC technology and an alarm history read out on the display.

Options

There are a variety of options available for all Reach truck models including cold store protection, height indicator, height pre selector and 360° steering.

视野广阔的门架

门架的设计中采用了横向移动的提升油缸和整齐的货叉滑架，在整个高度的范围内为操作者提供了广阔的视野。固定的门架结构与可以进行整体侧移的倾斜货叉滑架合为一体，作为此类叉车的标准配备，在高度达 11,400mm 时仍具有极好的承载能力。

维修

通过叉车前部的悬挂式开放小室，维修人员可以很方便地进入维修区域；通过交流(AC)技术和显示屏上的警报历史记录，维修成本也大为降低。

选项

对所有前移式叉车而言，有各种可供选装的选项，包括冷藏保护、高度指示计、高度预选器和 360 度转向。



CHARACTERISTICS 特性	1.1	Manufacturer	制造商	
	1.2	Model designation	型号名称	
	1.3	Power: battery, diesel, LPG, electric, mains	动力: 电瓶; 柴油; LPG; 干线电源	
	1.4	Operation: manual, pedestrian, stand, sit, seated, man-up	操作方式: 手动; 步行; 站立; 座驾; 固定座骑式; 高位	
	1.5	Load capacity	承载能力	Q(kg)
	1.6	Load centre	承载中心	c(mm)
	1.8	Load distance	承载距离	x(mm)
	1.9	Wheelbase	轴距	y(mm)

HYSTER			HYSTER			HYSTER			HYSTER		
R1.4			R1.4H			R1.6			R1.6H		
Battery			Battery			Battery			Battery		
Seat			Seat			Seat			Seat		
1400			1400			1600			1600		
600			600			600			600		
465	393	321	480	406	336	515	443	371	-	443	371
1435			1450			1485			1485		

WEIGHTS 重量	2.1	Unladen weight	空载重量	kg
	2.3	Axis loading without load, front/rear	空载车轴重量: 前/后	kg
	2.4	Axis loading mast extended with load, front/rear	门架承载货物伸展时车轴重量: 前/后	kg
	2.5	Axis loading mast retracted, front/rear	门架承载货物收缩时车轴重量: 前/后	kg

2980			3440			3000			3680		
2010	970		2220	1220		2010	990		2340	1340	
550	3530		770	4070		680	3920		800	4480	
1860	2520		1970	2870		1660	2740		2140	3140	

WHEELS & TYRES 车轮和轮胎	3.1	Tyres: rubber, polyurethane front/rear	轮胎: 橡胶; 聚氨酯: 前/后	
	3.2	Tyre size, front	前胎尺寸	
	3.3	Tyre size, rear	后胎尺寸	
	3.5	Number of wheels, front/rear (X = driven)	车轮数量: 前/后 (X = 驱动胎)	
	3.6	Track width, front	前车轮轮距	b ₁ (mm)
	3.7	Track width, rear	后车轮轮距	b ₂ (mm)

Polyurethane			Polyurethane			Polyurethane			Polyurethane		
Ø 305 × 140			Ø 305 × 140			Ø 305 × 140			Ø 342 × 140		
Ø 250 × 100			Ø 265 × 100			Ø 350 × 100			Ø 350 × 100		
1X	2		1X	2		1X	2		1X	2	
1126			1126			1136			1136		

D DIMENSIONS 尺寸	4.1	Tilting fork carriage: α = forwards/ β = backwards tilt	货叉架倾斜: α = 向前倾斜/ β = 向后倾斜	degrees
	4.2	Height of mast, lowered	门架降低时的高度	h ₁ (mm)
	4.3	Free lift	自由提升	h ₂ (mm)
	4.4	Lift height	提升高度	h ₃ (mm)
	4.5	Height of mast, extended	门架伸展时的高度	h ₄ (mm)
	4.7	Overhead guard height □	护顶架的高度 □	h ₅ (mm)
	4.8	Seat height ○	座椅高度 ○	h ₆ (mm)
	4.10	Height of load arms	承载臂高度	h ₇ (mm)
	4.19	Overall length	全长	l ₁ (mm)
	4.20	Length to face of forks	到货叉面的长度	l ₂ (mm)
	4.21	Overall width	全宽	b ₁ , b ₂ (mm)
	4.22	Fork dimensions	货叉尺寸	a/a ₁ (mm)
	4.23	Fork carriage DIN 15173, Class, From A/B	货叉架 DIN 15173 等级: A/B	
	4.24	Fork carriage width	货叉架宽度	b ₃ (mm)
	4.25	Outside fork width	货叉宽度 (外侧面/外侧面)	b ₄ (mm)
	4.26	Width between load arms	承载臂之间的宽度	b ₅ (mm)
	4.28	Reach	前移距离	l ₃ (mm)
	4.31	Ground clearance under mast, with load	载货时门架下部与地面的距离	m ₁ (mm)
	4.32	Ground clearance centre of wheelbase	轴距中心离地面的距离	m ₂ (mm)
	4.33	Axis width with pallets 1000mm × 1200mm wide, VDI 2198 托盘为 1,000 × 1,200 宽时巷道宽度, VDI 2198		A ₂ (mm)
4.34	Axis width with pallets 1000mm × 1200mm long, VDI 3597 托盘为 1,000 × 1,200 长时巷道宽度, VDI 3597		A ₂ (mm)	
4.34	Axis width with pallets 800mm × 1200mm long, VDI 2198 托盘为 800 × 1,200 长时巷道宽度, VDI 2198		A ₁ (mm)	
4.34	Axis width with pallets 800mm × 1200mm long, VDI 3597 托盘为 800 × 1,200 长时巷道宽度, VDI 3597		A ₁ (mm)	
4.35	Turning radius	转弯半径	W _a (mm)	
4.37	Length over load arms	货叉臂上方的长度	l ₄ (mm)	

2	4	2	4	2	4	2	4				
See chart		See chart		See chart		See chart					
See chart		See chart		See chart		See chart					
See chart		See chart		See chart		See chart					
See chart		See chart		See chart		See chart					
2190		2190		2190		2190					
1075		1075		1075		1075					
260		265		350		350					
2400	2472	2544	2400	2472	2544	2400	2472	2544	-	2472	2544
1200	1272	1344	1200	1272	1344	1200	1272	1344	-	1272	1344
1270		1270		1270		1270					
100	35	1200	100	35	1200	130	35	1200	130	35	1200
2A		2A		2A		2A					
800		800		800		800					
672		672		702		702					
900		900		900		900					
655	563	491	665	395	521	735	663	591	-	563	491
75		75		75		75					
75		75		75		75					
2692	2741	2794	2696	2745	2797	2708	2755	2805	-	2755	2805
2423	2465	2567	2422	2494	2566	2421	2493	2565	-	2493	2565
2725	2789	2854	2726	2789	2854	2729	2792	2856	-	2792	2856
2623	2695	2767	2622	2694	2766	2621	2693	2766	-	2693	2766
1688		1702		1736		1736					
1815		1845		1915		1915					

PERFORMANCE 性能	5.1	Travel speed with/without load ●	满/空载货物时的行驶速度 ●	km/h
	5.2	Lifting speed with/without load ●	满/空载货物时的提升速度 ●	m/sec
	5.3	Lowering speed with/without load ●	满/空载货物时的下降速度 ●	m/sec
	5.4	Reach speed with/without load ●	满/空载货物时的前移速度 ●	%
	5.8	Max. gradeability with/without load, †	满/空载货物时的最大爬坡能力 †	%
	5.9	Acceleration time (10m) with/without load	满/空载货物时的 10m 距离内加速时间	
5.10	Service brake: electric, magnetic, hydraulic	行车制动: 电动; 电磁; 液压		

10-12		10-12		10-12		10-12	
0.36	0.52	0.36	0.52	0.36	0.52	0.36	0.52
0.53	0.51	0.53	0.51	0.53	0.51	0.53	0.51
0.15	0.16	0.15	0.16	0.15	0.16	0.15	0.16
12	18	12	18	12	18	10	15
4-6		4-6		4-6		4-6	
Electro magnetic		Electro magnetic		Electro magnetic		Electro magnetic	

MOTOR 马达	6.1	Drive motor S2 60 minute rating	驱动马达 S2, 额定功率为 60 分钟	kw
	6.2	Lift motor S3 25% rating	提升马达 S3, 25% 的额定功率	kw
	6.3	Battery according to DIN 43531/35/36 A,B,C, no	电瓶按 DIN 43531/35/36 划分或不按此划分	
	6.4	Battery voltage/capacity at 5 hr rate	按 5 小时放电电瓶的电压/容量	V/Ah
	6.5	Battery weight (+5%)	按 5 小时放电电瓶的重量	kg

6.4		6.4		6.4		6.4					
14		14		14		14					
43531C		43531C		43531C		43531C					
48	420	48	560	48	700	48	420	48	560	48	700
750-1200		750-1200		750-1200		940-1200					

OTHER 其它	8.1	Drive control	驱动控制	
	8.2	Working pressure for attachments	属具的工作压力	bar
	8.3	Oil flow for attachments	属具的油流量	l/min
	8.4	Average noise level at operator's ear	操作者耳边的平均噪音等级	db(A)

AC-MOSFET		AC-MOSFET		AC-MOSFET		AC-MOSFET	
140		140		160		160	
20		20		20		20	
☞		☞		☞		☞	

标准参数

Standard Specifications

HYSTER			HYSTER			HYSTER			HYSTER			HYSTER			
R1.6N★			R2.0			R2.0H			R2.0W			R2.5			1.1
Battery			Battery			Battery			Battery			Battery			1.2
Seat			Seat			Seat			Seat			Seat			1.3
1500			2000			2000			2000			2500			1.4
600			600			600			600			600			1.5
395	305	-	503	431	359	-	531	459	-	481	389	-	526	454	1.6
1435			1550			1650			1580			1650			1.9

CHARACTERISTICS
特性

2940			3470			3680			3740			3920			
1890	1050	-	2400	1070	-	2450	1430	-	2450	1290	-	2480	1440	2.1	
630	3910	-	800	4670	-	910	4970	-	910	4830	-	720	5700	2.3	
1600	2940	-	2080	3390	-	2120	3760	-	2120	3620	-	2160	4260	2.4	
															2.5

WEIGHTS
重量

Polyurethane			Polyurethane			Polyurethane			Polyurethane			Polyurethane			
Ø 305 × 140			Ø 342 × 140			Ø 342 × 140			Ø 342 × 140			Ø 342 × 140			3.1
Ø 265 × 100			Ø 350 × 100			Ø 350 × 127			Ø 350 × 100			Ø 350 × 127			3.2
1X	2	-	1X	2	-	1X	2	-	1X	2	-	1X	2	3.3	
															3.6
986			1136			1163			1336			1163			3.7

WHEELS & TYRES
车轮和轮胎

2			4			2			4			2			4				
See chart			See chart			See chart			See chart			See chart			See chart			4.1	
See chart			See chart			See chart			See chart			See chart			See chart			4.2	
See chart			See chart			See chart			See chart			See chart			See chart			4.3	
See chart			See chart			See chart			See chart			See chart			See chart			4.4	
2150			2190			2190			2190			2190			2190			4.5	
1075			1075			1075			1075			1075			1075			4.7	
292■			357■			357■			357■			357■			357■			4.8	
2470	2560	-	2477	2549	2621	-	2549	2621	-	2549	2621	-	2554	2626	4.19				
1270	1360	-	1277	1349	1421	-	1349	1421	-	1349	1421	-	1354	1426	4.20				
1130◄			1270			1270			1330			1470			1270			1330	4.21
130	35	1200	130	40	1200	130	40	1200	130	40	1200	130	45	1200	4.22				
2A			2A			2A			2A			2A			2A			4.23	
800			800			800			800			800			800			4.24	
702			702			702			702			702			702			4.25	
768			900			900			1100			900			900			4.26	
580	490	-	723	651	579	-	651	579	-	651	609	-	746	674	4.28				
75			75			75			75			75			75			4.31	
75			75			75			75			75			75			4.32	
2735	2801	-	2776	2824	2875	-	2824	2875	-	2839	2888	-	2858	2904	4.33				
2468	2578	-	2494	2566	2638	-	2566	2638	-	2571	2643	-	2557	2639					
2782	2863	-	2801	2864	2925	-	2864	2928	-	2872	2936	-	2877	2933	4.34				
2688	2778	-	2694	2766	2838	-	2766	2838	-	2771	2843	-	2767	2839					
1683			1797			1797			1832			1893			1893			4.35	
1830			1980			1980			2010			2080			2080			4.37	

DIMENSIONS
尺寸

10-12			10-12			10-12			10-12			10-12			
0.36	0.52	-	0.28	0.35	-	0.3	0.52	-	0.3	0.52	-	0.24	0.35	5.1	
0.53	0.51	-	0.50	0.51	-	0.54	0.51	-	0.54	0.51	-	0.50	0.51	5.2	
0.15	0.16	-	0.15	0.16	-	0.15	0.16	-	0.15	0.16	-	0.15	0.16	5.3	
12	18	-	10	15	-	10	15	-	10	15	-	10	15	5.4	
4-5			4-5			4-6			4-6			4-6			5.5
Electro magnetic			Electro magnetic/hydraulic			Electro magnetic/hydraulic			Electro magnetic/hydraulic			Electro magnetic/hydraulic			5.10

PERFORMANCE
性能

6.4			6.4			6.4			6.4			6.4						
14			14			14			14			14			6.1			
43531B			43531C			43531C			43531C			43531C			6.2			
48	420	48	560	-	-	48	560	48	700	48	840	-	-	48	700	48	840	6.3
730-1000			940-1390			1120-1390			1120-1390			1120-1390			6.4			
730-1000			940-1390			1120-1390			1120-1390			1120-1390			6.5			

MOTOR
马达

AC-MOSFET			AC-MOSFET			AC-MOSFET			AC-MOSFET			AC-MOSFET			
150			190			190			190			220			8.1
20			16			16			16			16			8.2
☞			☞			☞			☞			☞			8.3
☞			☞			☞			☞			☞			8.4

OTHER
其它

NOTE:

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. If these specifications are critical, the proposed applications should be discussed with your dealer.

- With top protection + 20mm
- Seat stroke +/- 30mm, intermediate step 380mm, floor plate 560mm
- ▶ Values are referred to a truck equipped with lowest mast, and minimum battery provided.
- Traction, lift, lower and reach speeds may vary with alternative lift height.
- † Values determined by wheel friction, if climbing ramps frequently (with 1h). Consult your Hyster dealer
- With flashing light h₀ + 120mm
- ◄ Width overheadguard 1000mm
- ☞ Please consult your Hyster dealer

注:

叉车规格既受叉车的状况和配备的影响,又受操作区域的性质和状况的影响。如果这些规格比较关键,你就应该向你的经销商提出相关申请。

- 对有顶部保护的叉车,需加上20mm。
- 座椅行程±30mm;中间踏板为380mm;地板为560mm。
- ▶ 这些值参照的是配备最低门架和最小电瓶的叉车。
- 根据提升高度的不同可能会有所改变。
- † 如果经常爬坡(在1小时内),则这些值由车轮摩擦力决定。咨询你的海斯特叉车经销商。
- 带频闪灯的叉车 h₀+120mm。
- ◄ 护顶架的宽度为1,100mm
- ☞ 请咨询你的海斯特叉车经销商。

门架参数

Mast Information

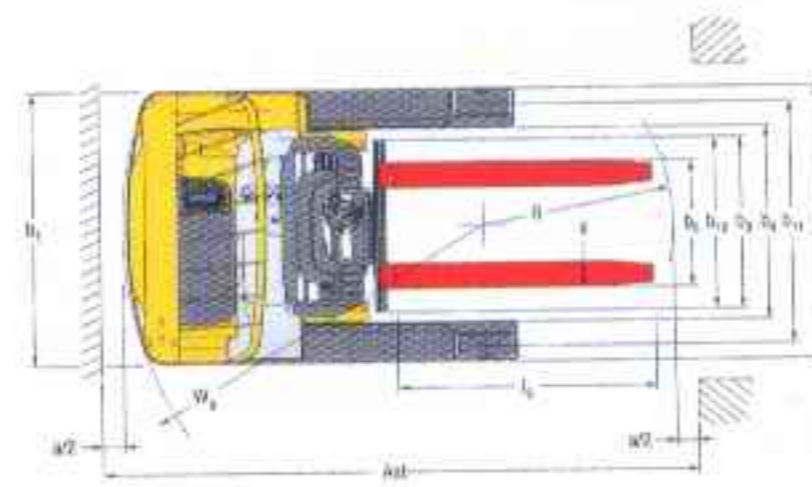
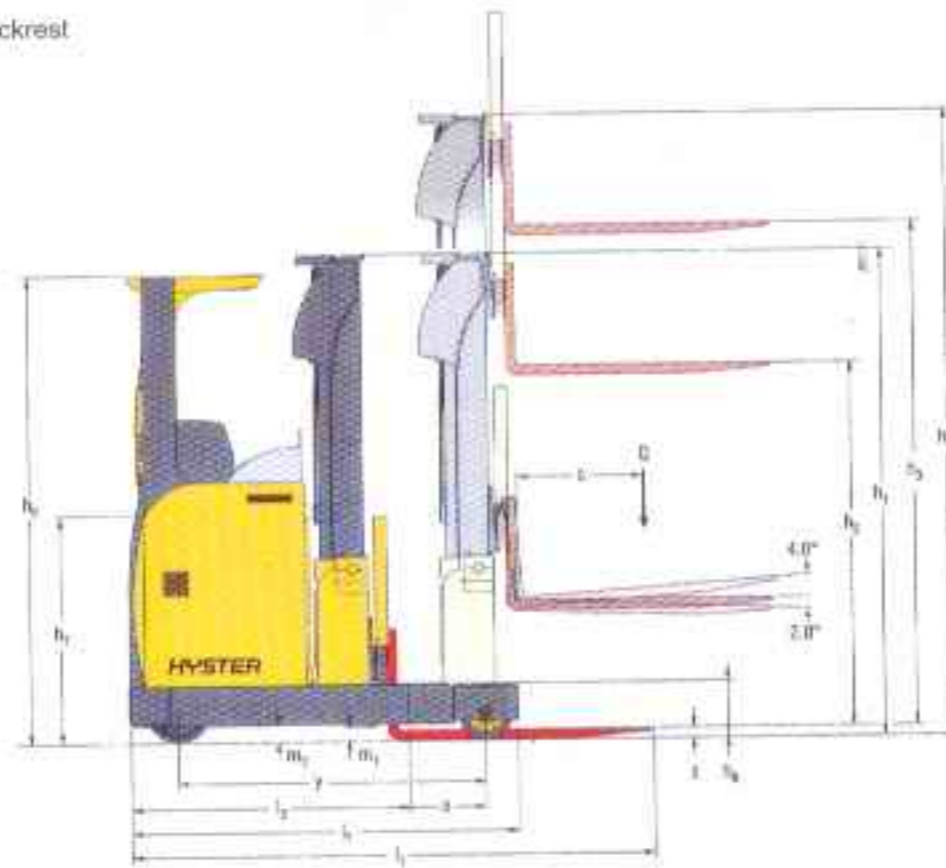
3-Stage full free lift 三级全自由提升

Model 型号	Lift mm(h ₁) 提升(h ₁)	Free lift mm(h ₂) 自由提升(h ₂)	Height of mast lowered mm(h ₃) 门架降低高度 mm(h ₃)	Height of mast extended mm(h ₄) 门架伸展高度 mm(h ₄)◆
R1.4, R1.6, R1.6N	4626	1555	2125	5676
	5076	1705	2275	6126
	5526	1855	2425	6576
	6426	2155	2725	7476
	6876	2305	2875	7926
R1.4H, R1.6N, R1.6H	7026	2455	3025	8076
	7476	2605	3175	8526
	8076	2805	3375	9126
	8526	2955	3525	9576
R1.4H, R1.6N	8726	3155	3725	9776
R1.6H	9026	3255	3825	10076
	9176	3305	3875	10226

3-Stage full free lift 三级全自由提升

Model 型号	Lift mm(h ₁) 提升(h ₁)	Free lift mm(h ₂) 自由提升(h ₂)	Height of mast lowered mm(h ₃) 门架降低高度 mm(h ₃)	Height of mast extended mm(h ₄) 门架伸展高度 mm(h ₄)◆	
R2.0	4626	1555	2125	5676	
	5076	1705	2275	6126	
	5526	1855	2425	6576	
	6426	2155	2725	7476	
R2.0H	R2.0W, R2.5	4526	1555	2125	5576
		4976	1705	2275	6026
		5426	1855	2425	6476
		6326	2155	2725	7376
		6776	2305	2875	7826
		7026	2455	3025	8076
		7476	2605	3175	8526
8076	2805	3375	9126		
R2.0H, R2.0W, R2.5	8526	2955	3525	9576	
	9026	3255	3825	10076	
	9476	3405	3975	10526	
	10076	3705	4275	11126	
	10526	3855	4425	11576	
11426	4155	4725	12476		

◆ With load backrest



$$Ast = W_a + R + a \text{ (see lines 4.33 and 4.34)}$$

$$R = \sqrt{(l_6 - X)^2 + \left(\frac{b_{12}}{2}\right)^2}$$

$$a = 200\text{mm}$$



The Hyster Comfort Zone for Reach Truck operators

Constant attention has been paid to the operators' environment to increase comfort and promote productivity. This begins with an intermediate step and a padded grab handle to ease ingress and egress. The full suspension seat is adjustable for fore/aft position, backrest tilt and for the operators' weight.

The driver console is well disposed and fully adjustable, allowing the driver to personalise operating position using multiple adjustments of length, tilt and plane to maximise comfort.

The steering wheel features a comfortable grip steering wheel with a wrist support.

There is a padded, sliding arm rest for the right arm, knee pad for right leg protection and head rest for support when looking up high level racking-all design to avoid operator fatigue.

Visibility is key to increasing handling speed and accuracy. The mast design affords a wide see through and great past the mast visibility. The raised floor height of the operator station helps the drivers' downward view to the forks at floor level, whilst the angled bracing on the overhead guard allows upward visibility when loads are raised. For first level handling the fork carriage features a generous window.

Superb manoeuvrability

The progressive steering feature standard on all trucks reduces steering sensitivity with increased travel speed making it easier for the operator to maintain straight-line travel at speed. This, combined with the automatic braking which is activated when cornering gives the driver excellent control and promotes best driving practice.

AC technology

Alternating Current technology is employed for traction, pump and steering motors.

This - gives very powerful acceleration and braking torque for faster cycle times and shorter distances in acceleration to top speed and in braking.

Seamless changes of travel direction are easy on the driver.

Speed is of the essence. This is why Hyster offers high performance travel speeds with no change between laden and unladen speeds.

The actual speed is up to 12 km/h again helping to promote much faster cycle times, especially over long distance runs.

For servicing, AC technology has no need for brush replacement reducing the maintenance items, and prolonging the service life.

Extensive range of options to satisfy all warehouse needs

The matrix series offers a whole variety of options to suit all warehouse applications. Optimum driver productivity is achieved through configuration of the truck to a driver preference.

Steering can be ordered as standard with 180°, or optionally at 360° in order to enhance the manoeuvring capability and on the move direction change. The standard hydraulic control is 4-lever control and optionally joystick, complete with hydraulic controls, forward/reverse direction change and horn. The purposely-designed joystick is configured for minimal hand movements in any operation decreasing driver fatigue.

Foot direction control is available meaning that the driver can easily manoeuvre and action the hydraulics at the same time, particularly useful for delicate manoeuvres in the warehouse.

Optimise performance

Hyster offers a range of preset performance selectors that provide 4 settings for combined speed and acceleration, braking and inversion braking. These can be set to hard, standard, soft and slow, allowing the driver to select individually his/her preferred style by means of a simple push button action. This means that the performance is suited to the driver, the type of load being handled and the type of work - whether it is for short haul operations or long distance transfers.

An optional lift height indicator shows the raised fork height above free lift.

Also available is a height pre-selector option which allows the desired lift heights to be entered and stored thereby allowing the operator to concentrate on fork/load placement. This is further aided by the automatic limiting of truck speed when loads are elevated at height.



海斯特为前移式叉车的操作者

提供了各种各样的舒适区域

为增加操作者的舒适度和提高生产率，我们一直以来都很关注操作者周围的环境。从操作者进入叉车开始，就有易于操作者进出的中间踏板和带衬垫的抓杆，另外在驾驶室内还有可根据操作者重量调节前后位置和靠背的全悬浮式座椅等。

控制台放置的位置很方便而且也可调节。这样，通过对长度、倾斜和平面的多重调节，操作者就可以个性化控制台，以取得最舒适的操作位置。

方向盘是一个舒适的，带腕部支撑的抓柄式方向盘。

驾驶室内有带衬垫的滑动手臂托架，用于停靠操作者右臂；膝盖护垫，用于保护操作者右腿；当操作者仰头看位于高处的货架时，还有一个头部托架——所有这些设计都是为了使操作者不感到疲劳。

视野是提高装卸速度和精度的关键因素。门架的设计式样提供了穿过和完全越过门架的宽广视野；操作者所在位置的地板高度被升高，从而帮助操作者向下看货叉的视线在地板的水平面上；而当货物被升高时，护顶架上成一定角度托架又保证了向上的视野。对第一级提升，货叉滑架提供了宽广的视野。

非凡的灵活性

所有叉车上都有改进的转向特性，用来减少行驶速度增加时的转向敏感性；有利于操作者在一定速度下保持直线行驶。此特性与转弯时的自动刹车特性结合在一起，为操作者提供了极好的控制性能，并促成了最优的驾驶操作。

交流 (AC) 技术

这类叉车在牵引马达、泵马达和转向马达上都采用了交流技术。这为加速和刹车扭矩提供了强大的动力，使加速和刹车所用的时间 & 距离都大为缩短。

操作者也能很容易地实现驾驶方向的平稳改变。

速度是叉车的精髓所在。这也是为什么海斯特提供高性能的行驶速度的原因，而且这种行驶速度不会因为叉车有负载或没有负载而发生改变。叉车的实际速度可达 12km/h，再一次地缩短了运输时间，特别是在运输距离较长时。

交流技术的采用在维修方面也有好处——它毋需更换电刷，这样就减少了保养项目，达到了延长叉车使用寿命的目的。

广泛的选择范围

满足您仓库的多种需要

Matrix 系列的叉车为您提供了各种各样的选择，满足您在仓库使用中的各种需求。叉车的配置满足了操作者的个人喜好，因而能得到最佳的生产率。



180度的转向系统为标准系统，您也可以选择360度的转向系统作为您叉车的配备，以加强叉车的操作性能和改变方向的能力。标准液压控制为4杆控制，操纵盘为选装件，他们的功能完成液压控制，前进/后退方向的改变和喇叭喇叭。这种特别设计的操纵盘，其配置使手的移动在任何操作中都达到了最小化，因此大大降低了操作者的疲劳程度。脚踏控制的采用意味着驾驶员可以很容易地同时进行操纵和液压功能，对在仓库内进行精细的操作特别有用。

优化性能

海斯特提供的预设性能选择器，共有4种设置，分为快速、标准、轻柔 and 慢速。这些设置把加速、刹车和反向制动融为一体，操作者只需轻轻按一下按钮，

就可以根据个人的喜好选择想要的设置。无论是短距离传送，还是长距离运输，叉车的性能设置都能满足操作者的个人要求。又能符合被装卸的货物的类型和工作的类型。

作为选装件的提升高度指示器指示的是货叉被提升到自由提升之上的高度。另外还有的选装件是高度预置器，它的功能是允许操作者预先输入并存储下想要提升的高度。

这样，操作者就可以把精力放在货叉/货物的放置上。当货物被升高到一定高度时，叉车的自动限速功能又进一步地发挥作用，帮助完成此操作。

