



STRONG PARTNERS. TOUGH TRUCKS.

# IC Counterbalanced Lift Trucks S4.0-5.5FT Fortens Advance / Fortens Advance+

4 000 – 5 500 kg



# Fortens Advance S4.0FT, S4.5FT, S5.5FTS

1.1	Manufacturer		HYS	STER	HYS	TER	HYS	STER	HYS	TER	1.1
1.2	Model designation		S4.	.0FT	S4.5FT		S5.5FT		S5.5FTS		1.2
	Model - Manufacturer designation			Advance	Fortens Advance		Fortens Advance		_		1
	Engine / transmission		GM 4.3L DuraMatch GM 4.3L DuraMatch			DuraMatch		DuraMatch	1		
	Brake type		ADS Drum or Wet Brakes		ADS Drum o					or Wet Brakes	1
1.3	Power: battery, diesel, LPG, electric mains		LPG			PG	ADS Drum or Wet Brakes LPG			PG	1.3
1.4	Operation: manual, pedestrian, stand, seat, orderpicker		Seat			eat		eat		eat	1.4
1.5	Load capacity	Q (kg)		000		500		500		500	1.5
1.6	Load centre	c (mm)		000		00		600		00	1.6
		` '				62		162		62	_
1.7	Load distance (load face)	x (mm)		47							1.7
1.8	Wheelbase	y (mm)	13	570	1 7	790	1	790	1	790	1.8
2.1	Unladen weight	kg		932	7 2			885		909	2.1
2.2	Axle loading with load, front/rear	kg	8 832	978	10 591	1 148	11 774	1 554	11 981	1 371	2.2
2.3	Axle loading without load, front/rear	kg	2 343	3 589	3 228	4 039	3 072	4 813	3 278	4 631	2.3
				.,		,				.,	
3.1	Tyres: L=pneumatic, V=solid, SE=pneumatic-shaped solid			V	١			V		V	3.1
3.2	Tyre size, front			x 9 - 16	22,00 x			x 12 - 16		(12 - 16	3.2
3.3	Tyre size, rear			7 - 12,1	18,00 x			(8 - 12,1		8 - 12,1	3.3
3.5	Number of wheels, front/rear (X = driven)		2X	2	2X	2	2X	2	2X	2	3.5
3.6	Track width, front	b <sub>10</sub> (mm)		11,4		15,2		15,2		15,2	3.6
3.7	Track width, rear	b <sub>11</sub> (mm)	97	78,2	1 00	03,8	1.0	8,800	1 0	03,8	3.7
4.1	Mast tilt, $\alpha$ = forward/ $\beta$ = back	degrees	5	6	5	6	5	6	5	6	4.1
4.2	Height of mast, lowered	h <sub>1</sub> (mm)		130		35		135		135	4.2
4.3	Free lift ¶	h <sub>2</sub> (mm)		00		00	100			00	4.3
4.4	Lift height ¶	h <sub>3</sub> (mm)		000		740					4.4
							2 740		2 740		_
4.5	Height of mast, extended +	h <sub>4</sub> (mm)		780		355	3 655		3 655 2 175		4.5
4.7	Overhead guard height	h <sub>6</sub> (mm)		171	2 175		2 175				4.7
4.8	Seat height O	h <sub>7</sub> (mm)		221	1 339		1 339			339	4.8
4.12	Towing coupling height	h <sub>10</sub> (mm)		67	371		371			71	4.1
4.19	Overall length	I <sub>1</sub> (mm)		630		969	4 062			899	4.1
4.20	Length to face of forks	I <sub>2</sub> (mm)	2 (	630	2 7	769	2 862		2	699	4.2
4.21	Overall width, standard/wide	b <sub>1</sub> /b <sub>2</sub> (mm)	1 170	1 270	1 320 1 420		1 320 1 420		1 320	1 420	4.2
4.22	Fork dimensions	s/e/I (mm)	50 1	25 1 000	60 15	50 1 200	60 1	50 1 200	60 1	50 1 200	4.2
4.23	Fork carriage DIN 15173. Class, A/B		II	I A	I۷	' A	ľ	V A	I\	/ A	4.2
4.24	Fork carriage width ●	b <sub>3</sub> (mm)	1 (	070	1.0	1 070		070	1	070	4.2
4.31	Ground clearance under mast, with load	m <sub>1</sub> (mm)	1	14	11	18	118		1	18	4.3
4.32	Ground clearance, centre of wheelbase	m <sub>2</sub> (mm)	1	52	15	56	156		1	56	4.3
4.33	Aisle width with pallets 1 000 mm x 1 200 mm wide ◆	Ast (mm)		032	4 1		4 278			119	4.3
4.34	Aisle width with pallets 800 mm x 1 200 mm long ◆	Ast (mm)		174	4.3		4 423			264	4.3
4.35	Outer turning radius	W <sub>a</sub> (mm)		298	2 4		2 534			375	4.3
4.36	Inner turning radius	b <sub>13</sub> (mm)		90		02	102		102		4.3
		10 ( )					•		•		
5.1	Travel speed with/without load	km/h	17,2	16,7	17,2	16,7	17,2	16,7	17,2	16,7	5.1
5.2	Lifting speed with/without load (2-stage limited free lift)	m/sec	0,61	0,62	0,56	0,57	0,56	0,57	0,56	0,57	5.2
5.3	Lowering speed with/without load (2-stage limited free lift)	m/sec	0,55	0,47	0,51	0,42	0,51	0,42	0,51	0,42	5.3
5.5	Drawbar pull with/without load @ 1,6 km/h	N	27 479	13 354	26 745	17 787	26 669	16 848	26 669	16 848	5.5
5.6	Maximum drawbar pull with/without load	N	28 004	13 354	30 042	17 787	29 980	16 848	29 980	16 848	5.6
5.7	Gradeability with/without load @ 4,8 km/h †	%	23,0	22,6	17,3	24,9	14,6	21,7	14,6	21,7	5.7
5.8	Maximum gradeability with/without load @ 1,6 km/h †	%	29,8	22,6	23,7	25,7	20,8	22,2	20,8	22,2	5.8
5.10	Service brake		Hyd	raulic	Hydr	aulic	Hyd	Iraulic	Hyd	raulic	5.1
7.1	Engine manufacturer/type		CM	4.3L	GM	4 3I	CM	I 4.3L	CM	4.3L	7.1
	3,1	15/8/		4.3L 3,0	73			3,0		4.3L 3,0	_
7.2	Engine output, in accordance with ISO 1585 / DIN 6271 kW										7.2
7.3	Governed speed  Number of cylinders/displacements			2 400 6 4 302		6	400 4 302	7.3			
		OIII		. 552		. 502					
		Drive control		matic			Automatic		Auto	matic	8.1
8.1				Automatic         Automatic           155         155						_	
8.1 8.2	Working pressure for attachments (nominal relief pressure)	bar	1	55	15	55	1	55	1	55	8.2
8.1	Working pressure for attachments (nominal relief pressure) Oil flow for attachments (nominal) ¤	bar I/min	1			55	1		1		8.2
8.1 8.2	Working pressure for attachments (nominal relief pressure)		1 83	55	15 83	55	1	55	1	55	8.2
8.1 8.2 8.3	Working pressure for attachments (nominal relief pressure) Oil flow for attachments (nominal) ¤	I/min	1 83	55 3,3	15 83 8	55 3,3	8	55 3,3	1 83	55 3,3	8.2

Specification Data is based on VDI 2198

# **Equipment and weight:**

Weights (line 2.1) are based on the following specifications:

Complete truck with 3 050mm (S4.0FT) 2 800 mm (S4.5-5.5FT) 2-stage limited free lift mast, standard carriage, 1 000mm (S4.0FT) / 1 200mm (S4.5-5.5FT) forks, e-hydraulics, overhead guard and standard cushion drive and steer tyres.

# Fortens Advance+ S4.0FT, S4.5FT, S5.5FTS

1.1	Manufacturer		HYS	TER	HYS	TER	HYS	TER	HYSTER		1.1
1,2	Model designation		S4	S4.0FT S4.5FT		S5.5FT		S5.5FTS		1.2	
	Model - Manufacturer designation		Fortens Advance + Fortens Advance +		Fortens Advance +			Advance +			
	Engine / transmission		GM 4.3L DuraMatch Plus2 GM 4.3L DuraMatch					GM 4.3L DuraMatch Plus2		1	
	Brake type		Wet Brakes		Wet Brakes		GM 4.3L DuraMatch Plus2				1
1.3	Power: battery, diesel, LPG, electric mains		LPG			PG	Wet Brakes LPG		Wet Brakes LPG		1.3
1.4	Operation: manual, pedestrian, stand, seat, orderpicker			eat		eat		eat		eat	1.4
1.5		Q (kg)		000		500	5.5			500	1.5
1.6	Load capacity			00		00	6			i00	_
	Load centre	c (mm)									1.6
1.7	Load distance (load face)	x (mm)		47		62	41			62	1.7
1.8	Wheelbase	y (mm)	1:	570	1 /	790	17	790	1	790	1.8
2.1	Unladen weight	kg		932		267	7 8			909	2.1
2.2	Axle loading with load, front/rear	kg	8 832	978	10 591	1 148	11 774	1 554	11 981	1 371	2.2
2.3	Axle loading without load, front/rear	kg	2 343	3 589	3 228	4 039	3 072	4 813	3 278	4 361	2.3
3.1	Tyres: L=pneumatic, V=solid, SE=pneumatic-shaped solid			V	١	V	,	/		V	3.1
3.2	Tyre size, front		22.00	x 9 - 16	22.00 x	12 - 16		12 - 16	22.00 )	x 12 - 16	3.2
3.3	Tyre size, rear			7 - 12,1	18,00 x			8 - 12,1		(8 - 12,1	3.3
3.5	Number of wheels, front/rear (X = driven)		2X	2	2X	2	2X	2	2X	2	3.5
		h. (mm)		1,4		15,2	1 0			15,2	_
3.6	Track width, front	b <sub>10</sub> (mm)									3.6
3.7	Track width, rear	b <sub>11</sub> (mm)	9/	8,2	1 00	03,8	1 0	J.,Ö	10	8,800	3.7
4.1	Mast tilt, $\alpha$ = forward/ $\beta$ = back	degrees	5	6	5	6	5	6	5	6	4.1
4.2	Height of mast, lowered	h <sub>1</sub> (mm)	2 -	130	2 1	135	2 -	135	2	135	4.2
4.3	Free lift ¶	h <sub>2</sub> (mm)	1	00	10	00	10	00	1	00	4.3
4.4	Lift height ¶	h <sub>3</sub> (mm)	3 (	000	2.7	740	2 7	740	2 740		4.4
4.5	Height of mast, extended +	h <sub>4</sub> (mm)	3	780	3 6	355	3 655		3 655		4.5
4.7	Overhead guard height ■	h <sub>6</sub> (mm)	2	171	2 1	175	2 175		2 175		4.7
4.8	Seat height O	h <sub>7</sub> (mm)	1.3	221	1.3	339	1 339		1 339		4.8
4.12	Towing coupling height	h <sub>10</sub> (mm)	3	67	3	71	371		3	71	4.12
4.19	Overall length	I <sub>1</sub> (mm)	3.6	630	3.9	969	4 062		3	899	4.19
4.20	Length to face of forks	I <sub>2</sub> (mm)		630		769	2 862			699	4.20
4.21	Overall width, standard/wide	b <sub>1</sub> /b <sub>2</sub> (mm)	1 170	1 270	1 320 1 420		1 320 1 420		1 320	1 420	4.21
4.22	Fork dimensions	s/e/I (mm)		25 1 000		50 1 200	60 1:			50 1 200	4.22
4.23	Fork carriage DIN 15173. Class, A/B	3/6/1 (11111)		I A		/ A	00 IV			/ A	4.23
4.24	Fork carriage width ●	b <sub>3</sub> (mm)		070		070	1 070			070	4.24
4.24		m <sub>1</sub> (mm)		14		18	1:			18	4.24
4.32	Ground clearance under mast, with load  Ground clearance, centre of wheelbase	m <sub>2</sub> (mm)		52		56	156			56	4.31
	*						4 278				_
4.33	Aisle width with pallets 1 000 mm x 1 200 mm wide ◆	Ast (mm)		032	4 1					119	4.33
4.34	Aisle width with pallets 800 mm x 1 200 mm long ◆	Ast (mm)		174		336	4 423			264	4.34
4.35	Outer turning radius	W <sub>a</sub> (mm)		298		147	2 534		2 375		4.35
4.36	Inner turning radius	b <sub>13</sub> (mm)		90	10	02	1	02	1	02	4.36
5.1	Travel speed with/without load	km/h	20,1	19,5	20,1	19,5	20,1	19,5	20,1	19,5	5.1
5.2	Lifting speed with/without load (2-stage limited free lift)	m/sec	0,61	0,62	0,56	0,57	0,56	0,57	0,56	0,57	5.2
5.3	Lowering speed with/without load (2-stage limited free lift)	m/sec	0,55	0,47	0,51	0,42	0,51	0,42	0,51	0,42	5.3
5.5	Drawbar pull with/without load @ 1,6 km/h	N	31 150	13 354	31 150	17 787	31 150	16 848	31 150	16 848	5.5
5.6	Maximum drawbar pull with/without load	N	31 150	13 354	31 150	17 787	31 150	16 848	31 150	16 848	5.6
5.7	Gradeability with/without load @ 4,8 km/h †	%	28,0	22,6	21,5	24,9	18,7	21,7	18,7	21,7	5.7
5.8	Maximum gradeability with/without load @ 1,6 km/h †	%	34,2	22,6	27,9	25,7	24,8	22,2	24,8	22,2	5.8
5.10	Service brake	7,0		raulic		raulic		aulic		raulic	5.10
7.1	Engine manufacturer/type			4.3L	GM		GM			4.3L	7.1
7.2	Engine output, in accordance with ISO 1585 / DIN 6271			3,0		3,0		3,0	7.2		
7.3	Governed speed  Number of cylinders/displacements	rpm cm <sup>3</sup>	6	4 302	6	4 302	6	4 302	6	400	7.3 7.4
	ramos, or dyninational phase interior	CIII		. 502	y	. 302	, ,	. 502	Ÿ	. 002	1 /.*
8.1	Drive control		Auto	matic		matic	Automatic		Automatic		8.1
8.2	Working pressure for attachments (nominal relief pressure)	bar	1	55	15	55	155		155		8.2
8.3	Oil flow for attachments (nominal) 🗵	I/min	83	3,3	83	3,3	83	3,3	8	3,3	8.3
8.4	Average noise level at operator's ear (Lpaz) ♦	dB (A)	8	34	8	34	8	14	1	84	8.4
				06		06				06	1
	Guaranteed sound power 2001/14/EC (Lwaz)	dB					106				

Specification Data is based on VDI 2198

# **Equipment and weight:**

Weights (line 2.1) are based on the following specifications:

Complete truck with 3 050 mm (S4.0FT) 2 800 mm (S4.5-5.5FT) 2-stage limited free lift mast, standard carriage, 1 000 mm (S4.0FT) / 1 200 mm (S4.5-5.5FT) forks, e-hydraulics, overhead guard and standard cushion drive and steer tyres.

# Mast and capacity information

Values shown are for standard equipment. When using non-standard equipment, these values may change. Please contact your Hyster dealer for information.

#### Masts S4.0FT

	Maximum fork height (mm)	Back tilt	Overall lowered height (mm)	Overa <b>ll</b> extended height (mm)	Free lift (top of forks) (mm)
2-Stage limited free lift	3 050 3 650 4 250	6° 6° 6°	2 135 2 435 2 735	4 285 <b>*</b> 4 885 <b>*</b> 5 485 <b>*</b>	150 ▽ 150 ▽ 150 ▽
2-Stage full free lift	3 075	6°	2 135	4 310 💠	1 350 ▽
3-Stage fu <b>ll</b> free lift	4 415 4 950 5 550 6 000	6° 6° 6°	2 134 2 335 2 535 2 735	5 650 <b>\$</b> 6 185 <b>\$</b> 6 785 <b>\$</b> 7 235 <b>\$</b>	1 350 ▽ 1 550 ▽ 1 750 ▽ 1 950 ▽

#### Masts S4.5-5.5FTS

	Maximum fork height (mm)	Back tilt	Overall lowered height (mm)	Overa <b>ll</b> extended height (mm)	Free lift (top of forks) (mm)
2-Stage limited free lift	2 800 3 400 4 000	6° 6° 6°	2 140 2 440 2 740	4 035 <b>*</b> 4 635 <b>*</b> 5 235 <b>*</b>	160 ▽ 160 ▽ 160 ▽
2-Stage full free lift	2 825	6°	2 140	4 060 ❖	1 230 ▽
3-Stage fu <b>l</b> free lift	4 145 4 700 5 300	6° 6° 6°	2 140 2 340 2 540	5 380 <b>*</b> 5 935 <b>*</b> 6 535 <b>*</b>	1 225 ▽ 1 425 ▽ 1 625 ▽

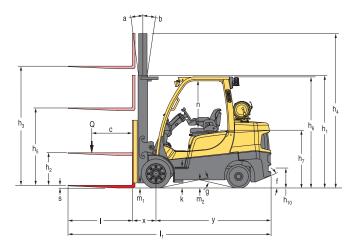
#### S4.0FT - Capacity chart in kg @ 500 mm load centre

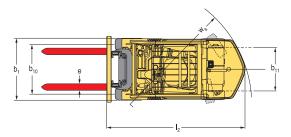
	Cushion tyres								
	Maximum	Without sideshift	With sideshift						
	fork height (mm)	S4.0FT	S4.0FT						
2-Stage limited free lift	3 050 3 650 4 250	4 000 4 000 4 000	4 000 4 000 4 000						
2-Stage full free lift	3 075	4 000	4 000						
3-Stage full free lift	4 415 4 950 5 550 6 000	4 000 <b>€</b> 3 890 <b>€</b> 3 760 <b>€</b> 3 650 <b>€</b>	3 910 <b>€</b> 3 790 <b>€</b> 3 650 <b>€</b> 3 530 <b>€</b>						

### S4.5-5.5FTS - Capacity chart in kg @ 600 mm load centre

	Cushion tyres									
	Maximum		Without sideshif	ft	With sideshift					
	fork height (mm)	\$4.5FT \$5.5FT \$5.5FT		S5.5FTS	S4.5FT	S5.5FT	S5.5FTS			
2-Stage limited free lift	2 800 3 400 4 000	4 500 4 500 4 500	5 500 5 500 5 500	5 500 5 500 5 500	4 500 4 500 4 500	5 500 5 500 5 500	5 460 ¶ 5 440 ¶ 5 430 ¶			
2-Stage full free lift	2 825	4 500	5 500	5 500	4 500	5 500	5 450			
3-Stage full free lift	4 145 4 700 5 300	4 500 <b>4</b> 4 500 <b>4</b> 4 380 <b>4</b>	5 500 <b>€</b> 5 500 <b>€</b> 5 370 <b>€</b>	5 500 <b>4</b> 5 500 <b>4</b> 5 360 <b>4</b>	4 430 <b>4</b> 4 410 <b>4</b> 4 280 <b>4</b>	5 310 <b>€</b> 5 300 <b>€</b> 5 160 <b>€</b>	5 260 <b>4</b> 5 250 <b>4</b> 5 110 <b>4</b>			

#### Truck dimensions







= Centre of gravity of unladen truck

 $Ast = W_a + x + I_6 + a$  (see lines 4.33 & 4.34)

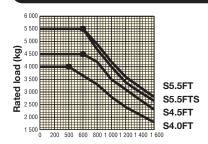
a = Minimum operating clearance

(V.D.I. standard = 200 mm BITA recommendation = 300 mm)

I<sub>6</sub> = Load length

						_
Model	-(	S4.0FT	S4.5FT	S5.5FT	S5.5FTS	
-	f	40%	32%	32%	32%	Γ
Dimensions (mm)	g	22 <b>.</b> 7°	22°	21°	21°	
Diffiensions (mm)	k	391,5	395,5	395,5	395,5	
	n	1 062	1 062	1 062	1 062	





Load centre (mm)

#### Load centre

Distance from front of forks to centre of gravity of load.

#### Rated load

Based on vertical masts up to 4 250mm (S4.0FT) and 4 000mm (S4.5-5.5FT)

#### 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 application should be discussed with your dealer.

- ¶ Bottom of forks
- ♦ Without load backrest
- h<sub>6</sub> subject to +/- 5 mm tolerance
- O Full suspension seat in depressed position
- Add 32 mm with load backrest
- Stacking aisle width (lines 4.33 & 4.34) are based on the V.D.I. standard calculation as shown on illustration. The British Industrial Truck Association recommends the addition of 100 mm to the total clearance (dimension a) for extra operating margin at the rear of the truck.
- † Gradeability figures (lines 5.7 & 5.8) are provided for comparison of tractive performance, but are not intended to endorse the operation of the vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines.
- □ Variable
- Measured according to the test cycles and based on the weighting values contained in EN12053
- Consult your Hyster lift truck dealer

#### Mast tables:

- With load backrest
- ∇ Without load backrest
- Wide tread required

#### Notice

Care must be exercised when handling elevated loads. When the carriage and/or load is elevated, truck stability is reduced. It is important that mast tilt in either direction be kept to a minimum when loads are elevated. Operators must be trained and adhere to the instructions contained in the Operating Manual.

Hyster products are subject to change without notice. Lift trucks illustrated may feature optional equipment.



This truck conforms to the current EU requirements.

# **Product Packages**

The Hyster Fortens™ range been designed to match the vast range of application requirements and business objectives that customers demand.

The S4.0-5.5FT Series is available in several truck packages, with multiple powertrain combinations to choose from, to best match operational demands. Each configuration offers improved efficiency, advanced dependability, lower cost of ownership and simple serviceability.

Model / Bundle	S4.0FT			S4.5FT		
LPG	Engine	Transmission	Brakes	Engine	Transmission	Brakes
Fortens Advance	GM 4.3L V6	DuraMatch™ Electronic	ADS Drum	GM 4.3L V6	DuraMatch™ Electronic	ADS Drum
		1 speed			1 speed	
	GM 4.3L V6	DuraMatch™ Electronic	Wet	GM 4.3L V6	DuraMatch™ Electronic	Wet
		1 speed			1 speed	
Fortens Advance+	GM 4.3L V6	DuraMatch™ Plus	Wet	GM 4.3L V6	DuraMatch™ Plus	Wet
		2 speed			2 speed	
Model / Bundle	S5.5FT			S5.5FTS		
LPG	Engine	Transmission	Brakes	Engine	Transmission	Brakes
Fortens Advance	GM 4.3L V6	DuraMatch™ Electronic	ADS Drum	GM 4.3L V6	DuraMatch™ Electronic	ADS Drum
		1 speed			1 speed	
	GM 4.3L V6	DuraMatch™ Electronic	Wet	GM 4.3L V6	DuraMatch™ Electronic	Wet
		1 speed			1 speed	
Fortens Advance+	GM 4.3L V6	DuraMatch™ Plus	Wet	GM 4.3L V6	DuraMatch™ Plus	Wet
		2 speed			2 speed	

Please refer to the Price List for full option configurations.

#### **Product Features**

The Fortens Advance models feature the electronically controlled single-speed **DuraMatch™ transmission**, providing:

- Auto Deceleration System automatically slows the truck when the accelerator pedal is released, which significantly extends brake life. This feature is programmable through the dash display, to match application needs from delicate to more aggressive settings for maximum productivity.
- Controlled Power Reversal controls direction changes through the transmission, virtually eliminating tyre spin and significantly increasing tyre life.
- Controlled Roll-Back on Ramp; the transmission controls the rate of decent of the truck on a ramp, when the brake and throttle pedal are released, to provide maximum control on a grade and reduce driver fatigue.

The Fortens Advance+ models feature the electronically controlled two-speed extended function **DuraMatch™ Plus2 transmission**. This transmission, in addition to the above, features:

- Throttle Response Management allows the operator to manage his travel speed, according to the position of his foot on the accelerator pedal. For example, a certain speed can be maintained on a gradient, without the need to depress the pedal further.
- Extended Auto Deceleration System; as with the DuraMatch™ allows the operator to slow the truck down without using the brake. However, thanks to the Throttle Response Management feature, the rate of deceleration is dependant on the rate at which the driver releases his foot from the accelerator pedal. On this model, the ADS is not adjustable through the dash display.
- Auto-Speed Hydraulics with Automatic Inching Control; the engine speed is automatically increased to provide full hydraulic power, while travel speed remains constant.
- First Gear offers Increased Drawbar Pull for use on gradients.
- Second Gear provides maximum engine efficiency in applications where longer travel distances are common.

The transmissions are compatible with the combicooler radiator and a superior counterweight tunnel design coupled with a "pusher" type fan, to provide the industry's best cooling.

The available Oil-immersed brakes offer reduced maintenance & repair time and costs, which results in extended truck dependability and uptime.

Trucks fitted with Oil-immersed brakes are ideally suited to applications in wet, dirty or corrosive environments, and ensure consistent braking performance over the lifetime of the truck. This is thanks to the sealed unit that houses and protects the brakes, so preventing contaminants and damage.

All powertrains are controlled, protected and managed by The **Pacesetter VSM™** industrial onboard computer, featuring a CANbus communications network.

This system permits adjustment and optimisation of the truck's performance, in addition to monitoring key functions. It enables quick, easy diagnostics, minimizing repair downtime and unnecessary parts swapping.

Hassle-Free Hydraulic systems, featuring Leak-free O-ring face seal fittings reduce leaks for enhanced reliability.

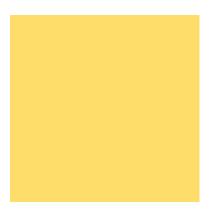
Non-mechanical, Hall-Effect sensors and switches have been fitted and are designed to outlast the life of the truck.

The operator compartment features class-leading **Ergonomics** for maximum driver comfort and productivity.

- Operator space is optimised, thanks to a new overhead guard design and significantly more floor space.
- The Easy-to-use 3-point entry design of operator compartment has an open non-slip step with a height of just 39,5cm.
- The isolated drivetrain minimises the effect of powertrain vibration.
- The adjustable armrest that accompanies the TouchPoint™ or TouchControl™ E-hydraulic configurations moves with the seat and telescopes forward.
- The Rear grab handle with horn button facilitates reverse driving.
- An infinitely adjustable steering column, 30 cm diameter steering wheel with spinner knob and full-suspension seat enhance driver comfort.

The Hyster Fortens is the fastest and easiest lift truck to **service**.

- Complete cowl-to-counterweight service access and a simplified layout of wiring and hydraulics offers greater access to components, which in turn decreases service time for unscheduled repairs and regular maintenance.
- Fast, colour-coded daily checks and diagnostic systems can be managed via the dash display.
- An Engine coolant change and Hydraulic oil change interval of 4,000 hours also contributes to reduced downtime.









# Strong Partners, Tough Trucks, for Demanding Operations Everywhere.

Hyster supplies a complete product range, including Warehouse trucks, 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 materials 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 materials handling needs so you can focus on the success of your business today and in the future.



09/07/TLC Printed in England Form No. 901060/2 Hyster Europe, Flagship House, Reading Road North, Fleet, Hants GU51 4WD, England.

Tel: +44 (0) 1252 810261 Fax: +44 (0) 1252 770702 Email: info@hyster.co.uk http://www.hyster.co.uk

A division of NACCO Materials Handling Limited.

Hyster®, HYSTER®, Vista® and Monotrol® are registered trademarks of Hyster Company in the United States and in certain other countries.

■■

. ™, Fortens™, Pacesetter VSM™, DuraMatch™, DuraMatch Plus™, TouchPoint™, TouchControl™, EZXchange & HSM™ are trademarks of Hyster Company in the United States and in certain other countries.

