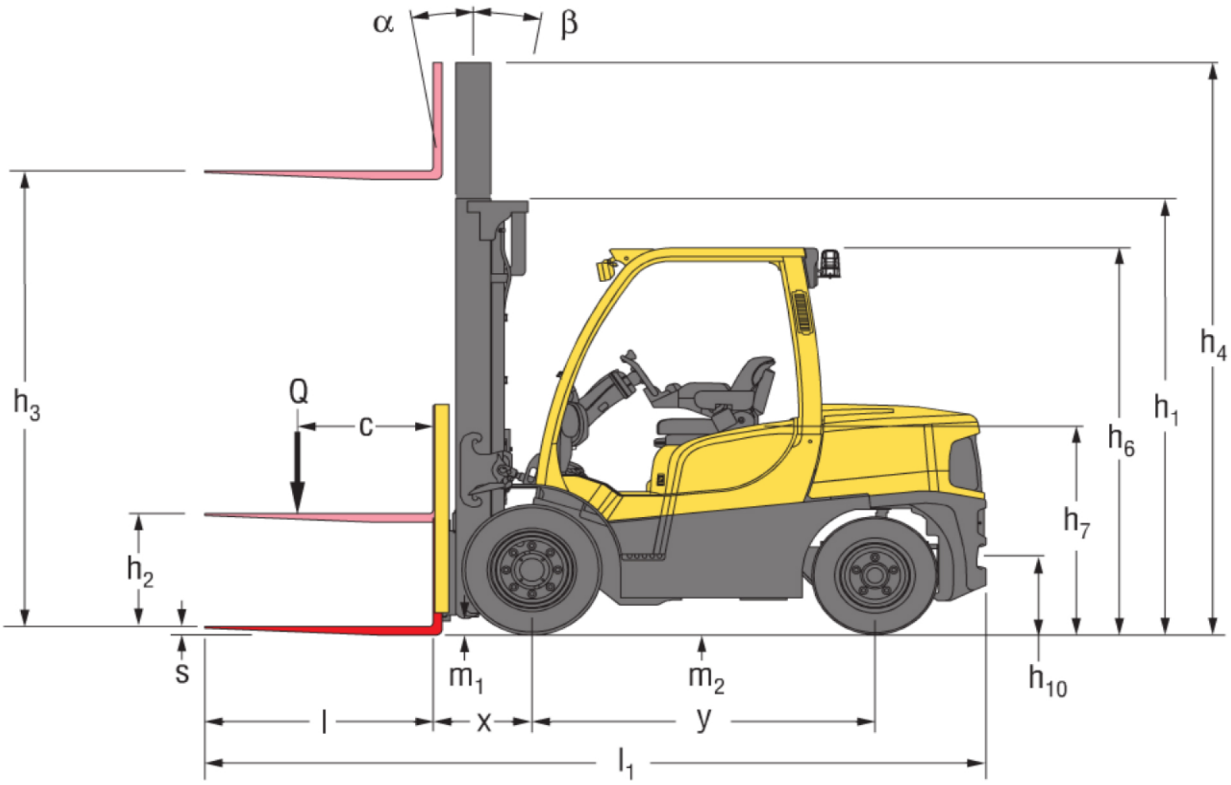
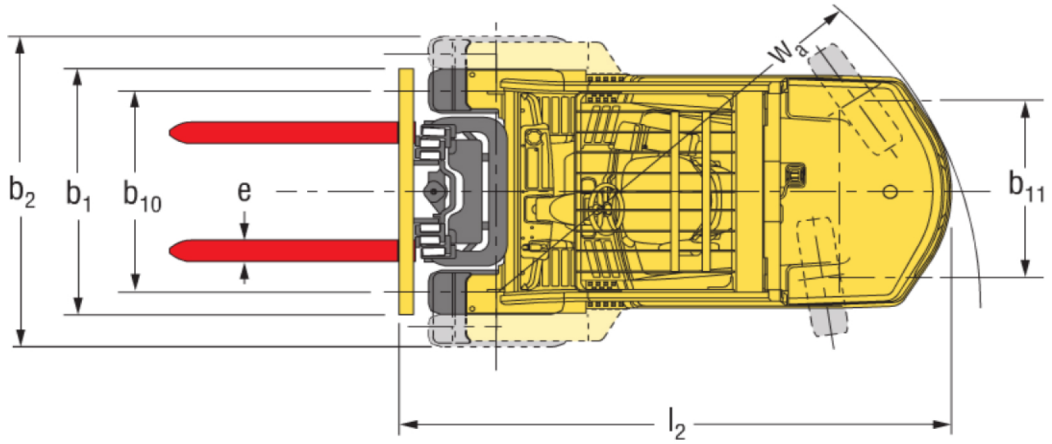
H5.5FT FORTENS ADVANCE

GENERAL	1-1	Manufacturer			HYSTER	
	1-2	Model designation			H5.5FT	
		Model			Fortens Advance	
		Engine / transmission			Kubota 3.8L DuraMatch™ 1-speed	
		Brake type			Premium Oil Immersed Brakes	
	1-3	Drive			Diesel	
	1-4	Operator type			Seated	
	1-5	Rated capacity/rated load	Q_1	t	5.5	
	1-6	Load centre distance	c	mm	600	
	1-8	Load distance, centre of drive axle to fork	x	mm	591	
	1-8-1	Load distance, centre of drive axle to fork (ISS Carriage)	x	mm	608	
	1-9	Wheelbase	y	mm	2100	
WEIGHT	2-1	Service weight		kg	7811	
	2-2-1	Axle loading with load, front / rear		kg	11754	1558
	2-3-1	Axle loading without load, front / rear		kg	3134	4677
WHEELS	3-1	Tyre type			Superelastic	
	3-2	Tyre size, front			300x15	
	3-3	Tyre size, front			28x9-15	
	3-5	Wheels, number front / rear (x = driven wheels)			2x / 2	
	3-6	Tread, front	b_{10}	mm	1150	
	3-7	Tread, rear	b_{11}	mm	1162	
DIMENSIONS	4-1	Tilt of mast / fork carriage forward / backward		(°)	6 / 10	
	4-2	Height, mast lowered	h_1	mm	2215	
	4-3	Free lift **(1)**	h_2	mm	100	
	4-4	Lift **(1)**	h_3	mm	2740	
	4-5	Height, mast extended **(2)**	h_4	mm	3730	
	4-7	Height of overhead guard (cabin)	h_6	mm	2300	
	4-8	Seat height relating to SIP **(3)**	h_7	mm	429	
	4-12	Coupling height	h_{10}	mm	4457	
	4-19	Overall length	l_1	mm	4541	
	4-20	Length to face of forks (Standard Carriage)	l_2	mm	3341	
	4-20-1	Length to face of forks (Integrated Side Shift Carriage)	l_2	mm	3358	
	4-21	Overall width	b_1/b_2	mm	1450 / 1575 / 1875	
	4-22	Fork dimensions DIN ISO 2331	s/e/l	mm	60 x 150 x 1200	
	4-23	Fork carriage ISO 2328, class/type A, B		mm	IVA	
	4-24	Fork carriage width (Standard Carriage) **(4)**	b_3	mm	1219	
	4-24	Fork carriage width (ISS Carriage) **(4)**	b_3	mm	1372	
	4-31	Ground clearance, laden, below mast	m_1	mm	194	
	4-32	Ground clearance, centre of wheelbase	m_2	mm	237	
	4-34-1	Aisle width for pallets 1000 × 1200 crossways **(5)**	Ast	mm	4906	
	4-34-4	Aisle width for pallets 800 × 1200 crossways **(5)**	Ast	mm	4906	
	4-35	Turning radius	W_a	mm	2915	
	4-36	Internal turning radius	b_{13}	mm	800	
PERFORMANCE	5-1	Travel speed with / without load		km/h	18.6	19.2
	5-1-1	Travel speed, laden/unladen, backwards		km/h	18.6	19.2
	5-2	Lifting speed with / without load		m/s	0.45	0.46
	5-3	Lowering speed with / without load		m/s	0.51	0.42
	5-5	Drawbar pull, laden/unladen **(6)**		N	27302	17976
	5-7	Gradeability - 1.6 km/h, with / without load **(7)**		%	21.7	24.8
	5-9	Acceleration time, laden/unladen		s	5.6	4.5
	5-10	Service brake			Hydraulic	
	7-5	Fuel consumption according to VDI cycle		l/h	5.8	

TRUCK DIMENSIONS



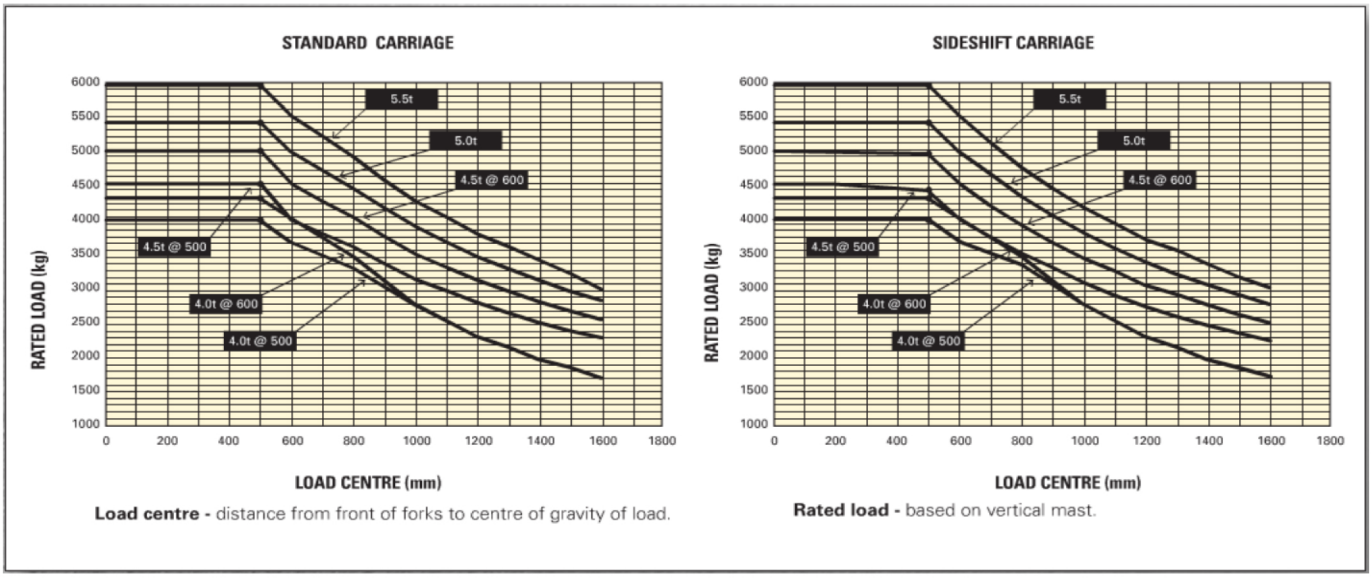


MAST AND CAPACITY INFORMATION

H5.5FT RATED CAPACITY KG@ 600-700 MM LOAD CENTRE

	Maximum fork height $h_3 + s$ (mm)	Mast tilt (°)		Lowered height h_1 (mm)	Extended height h_4 (mm)		Free lift height $h_2 + s$ (m)	Superelastic tyres				Radial tyres			
								Without sideshift (kg)		With ISS (kg)		Without sideshift (kg)		With ISS (kg)	
								H5.5FT		H5.5FT		H5.5FT		H5.5FT	
		F	B		w/o LB	w LB	w/o LB	600 LC	700 LC	600 LC	700 LC	600 LC	700 LC	600 LC	700 LC
2-STAGE LIMITED FREE LIFT	2800	6°	10°	2215	3730	4065	160	5500	5280	5500	5130	5500	5280	5500	5130
	3400	6°	10°	2515	4330	4665	160	5500	5260	5500	5120	5500	5260	5500	5120
	4000	6°	10°	2815	4930	5265	160	5500	5250	5500	5100	5500	5250	5500	5100
	4700	6°	6°	3265	5630	5965	160	5380	5110	5370	4970	5380*	5110*	5370*	4960*
	5300	6°	6°	3665	6230	6565	160	5230	4940	5190	4800	5220*	4930*	5180*	4790*
	5900	6°	6°	4065	6830	7165	160	5050	4750	5000	4620	5050**	4750**	4990**	4610**
2-STAGE FULL FREE LIFT	2825	6°	10°	2215	3810	4090	1230	5500	5250	5500	5100	5500	5250	5500	5100
	3425	6°	10°	2515	4410	4690	1530	5500	5230	5500	5080	5500	5230	5500	5080
3-STAGE FULL FREE LIFT	4145	6°	6°	2215	5130	5415	1230	5500	5210	5490	5070	5500	5210	5490	5070
	5000	6°	6°	2515	5985	6265	1530	5290	5000	5260	4860	5290*	4990*	5260*	4860*
	5300	6°	6°	2615	6285	6565	1630	5210	4920	5170	4780	5210**	4910**	5170**	4780**

RATED CAPACITIES



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

Rated load - based on vertical mast.