Environmentally - Friendly Forklift Trucks



Quick parts supply



Easy maintenance

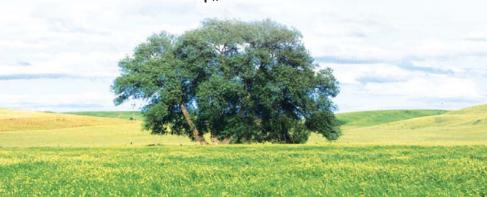


Global network

CESS SYSTEM

CESS(Construction Equipment Resource Support) is HHI's new information system on all Hyundai construction equipment for our overseas dealers and branch offices.

http://cess.hhi.co.kr



20LC|25LC|30LC -7

- · SIDE SHIFT · INTEGRAL SIDE SHIFT

900mm, 1000mm, 1200mm, 1350mm, 1500mm, 1650mm, 1800mm

· OVER SHOE

- · TILTING 6/5°, 3/3°, 10/6°,
- · TIRE

Cushion, No-marking

Pocket, Arm Rest, Hip Rest

· LPG CLAMP

- · M.C.V
- · MASTER SWITCH
- · BEACON LAMP
- · HAZARD SWITCH
- · WORK LAMP
- OPSS Taravel + Mast
- · ATTACH PIPING

3 Spool-piping, 4 Spool-piping

** Hyundai is continuously upgrading and improving its products. It therefore reserves the right to supply products, which may differ slightly from description and illustration in this catalog. For further information on options, consult with Hyundai's dealer. Specifications are subject to change without notice.





PLEASE CONTACT

www.hyundai-ce.com

2010. 08 Rev 2.

FORKLIFT TRUCKS Environmentally - Friendly

20LC/25LC/30LC-7



The new style 20LC/25LC/30LC-7

economical/serviceable

safety / environmentally-friendly

(Top Brand of the World)

When the truck is fully loaded, mast

Fast and stable performance Being able to quickly raise and lower the mast, as well as tilt it forward and backward, provides the best operational

conditions during unloading.

Superior Power & Fligh Performance 25LC -7

OPSS (Operator Presence Sensing System)

Control of mast tilting, lifting and lowering is not possible through operation of the appropriate control when the operator is not in the normal position. (Lift / Tilt Loc



Excellent power and performance makes your

LPG forklift trucks.

business more profitable.

Smooth running, efficient and ergonomically designed, 20LC/25LC/30LC-7 series are made to meet your needs.

Operator friendly gauges and water-resistant monitor panel



- Battery charging warning lam
 Air cleaner filter warning light

- Engine check lam
- (Seat belt warning



Wet disc brake system

The adoption of Wet disc type brake improves brake performance. Brake pedal effort is improved about slope and Wet disc brakes have service intervals 5 times longer than onventional.





provides greater acceleration, better gradeability and faster travel speed on any tough terrain or slope.

20LC-7: 18.6 km/h



Gradeability (MAX)

20LC-7: 31% 25LC-7: 26% 30LC-7: 22%

noise control valve increases both efficiency and durability.

State-of-the-art hydraulic system The latest large-capacity hydraulic system

reacts quickly during operation, and a low-

HMC BETA ENGINE 37 kW / 2,450 rpm

High Efficient Engine

Market approved quality of HMC BETA engine ensures incomparable performance, durability and additional value to the machine. 37kW of the engine is more than enough to suit any work, not just with normal 37kW but with special attachments requiring high power as well. (EPA/CARB TIER-3)



lowering speed is carefully controlled to ensure safety by the down control valve.

Faster Travel Speed & Gradeability

The powerful high-output engine



Travel speed (MAX)

25LC-7: 18.6 km/h 30LC-7: 18.6 km/h



A design based on human engineering relieves fatigue and enhances operating performance.



Quick Response of Operating Control Levers

Only minimal operator's effort is required for precise, safe and productive control.



Multi-function switch lever

Multi-functional switch lever gives easy access to lights and horn.



Parking Brake

Ratchet type parking brake requires less efforts from the operator to set.



Adjustable steering wheel

Steering wheel with horn button can be adjusted by a lever on the right-hand side for the most comfortable operator position.



Easily adjustable suspension seat

An attractive and adjustable seat, based on a human engineering design, provides great comfort, safety and durability.



Strong overhead guard

Cup holder & console box

The safety overhead guard meets EEC and ANSI regulations and protects the operator during for operator's convenience. hazardous jobs.



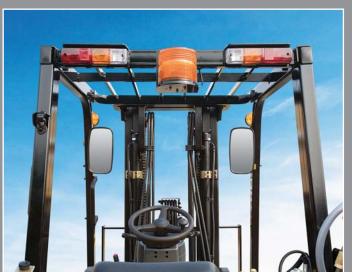
Anti restart system

Additional storage spaces are The new system protects the located inside the operating space starter from restarting during engine operation.



Ergonomically positioned pedals

Based on human engineering, the accelerator, brake and inching pedals are optimally positioned for convenience while operating the equipment.



New high visibility for safe operation

The operator is able to work with increased safety and accuracy due to a wider view mast.



Full-Floating headguard

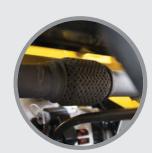
The anti-vibration rubber is installed between the guard and truck frame to reduce the source of vibration and noise while driving. This not only reduces operator's fatigue but also increases safety.

High Durability & Easy Maintenance



Ergonomics driving space design!

A design based on human engineering relieves fatigue and increase operator's efficiency.



Expansion bellows

The expansion bellows absorbs vibration and reduces noise generated from the exhaust gas system and also extends the life cycle of exhaust gas system.



Fully hydrostatic power steering

A hydraulic steering system always guarantees smooth and flexible steering, preventing overrun and kick-back.



Large footboard

Wide"open"step offers convenience and safety when entering and exiting truck.



Rear safety lamp

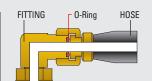
Rear combination lamps with directional indicators, rear lights and brake lights are positioned for a high level of safety.

Highly durable electric shift - power transmission



Highly DurableSplit Type Drive Axle

Powershift transmission provides fast travel speed and quiet travel under any heavy load condition, and boosts work efficiency.



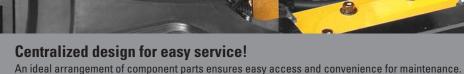
ORFS (O-Ring Face Seal) ORFS type hose prevents the leaking of hydraulic oil.

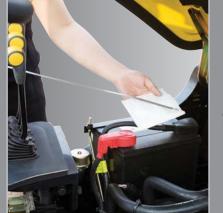
Heavy duty single unit frame



Heavy duty single unit frame

Heavy duty single unit type frame, designed on the basis of accurate structural analysis, guarantees durability and safety.





Engine oil condition check



Aluminum radiator with superb Portable Side Cover protection against heat



Easy Change Air Cleaner Bright, protected headlights







(EPA/CARB TIER-3)

An accessible, compact fuse box for easy inspect



Rotational battery installation



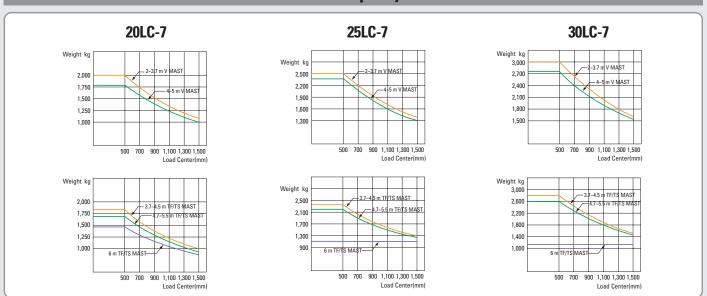
Specification & Dimension

	Mast Specification																			
		Maximum	Overall		Angle	Load Ca	pacity w / o S 500mm LC Single Tire	Side Shift	Load C	apacity w / Si 500mm LC Single Tire	de Shift	Truc	ck Weight Un Single Tire	load				e Lift		
Mast	Туре	Fork Height	Height Lowered	(d	eg)		-			_						With Backres			/ith / o Backr	
		(mm)	(mm)			20LC-7	25LC-7	30LC-7	20LC-7	25LC-7	30LC-7	20LC-7	25LC-7	30LC-7	20LC-7	25LC-7	30LC-7	20LC-7	25LC-7	30LC-7
				Fwd	Bwd	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm
	V209	2,090	1,530	10	6	2,000	2,500	3,000	2,000	2,500	3,000	3,360	3,700	4,152	115	115	115	115	115	115
	V300	3,000	1,985	6	10	2,000	2,500	3,000	2,000	2,500	3,000	3,425	3,765	4,224	115	115	115	115	115	115
	*V330	3,300	2,135	6	10	2,000	2,500	3,000	2,000	2,500	3,000	3,444	3,784	4,245	115	115	115	115	115	115
	V350	3,500	2,235	6	10	2,000	2,500	3,000	2,000	2,500	3,000	3,461	3,801	4,263	115	115	115	115	115	115
2-Stage Limited	V370	3,700	2,385	6	10	2,000	2,500	3,000	2,000	2,500	3,000	3,483	3,823	4,287	115	115	115	115	115	115
Free Lift	V400	4,000	2,535	6	10	1,975	2,500	3,000	1,950	2,500	2,975	3,513	3,853	4,319	115	115	115	115	115	115
	V430	4,300	2,685	6	10	1,925	2,475	2,950	1,900	2,425	2,900	3,559	3,899	4,366	115	115	115	115	115	115
	V450	4,500	2,835	6	5	1,900	2,425	2,900	1,875	2,400	2,850	3,587	3,927	4,396	115	115	115	115	115	115
	V470	4,700	2,935	6	5	1,875	2,400	2,850	1,825	2,375	2,800	3,602	3,942	4,411	115	115	115	115	115	115
	V500	5,000	3,085	6	5	1,825	2,350	2,800	1,800	2,325	2,750	3,624	3,964	4,435	115	115	115	115	115	115
	TF/TS370	3,700	1,785	6	5	1,950	2,500	2,950	1,900	2,450	2,900	3,561	3,901	4,356	605	605	605	1,177	1,177	1,114
	TF/TS400	4,000	1,885	6	5	1,900	2,425	2,900	1,875	2,400	2,850	3,583	3,923	4,398	705	705	705	1,277	1,277	1,214
	TF/TS430	4,300	1,985	6	5	1,850	2,375	2,825	1,825	2,350	2,800	3,600	3,940	4,420	805	805	805	1,377	1,377	1,314
2 04	TF/TS450	4,500	2,085	6	5	1,825	2,350	2,800	1,800	2,325	2,750	3,622	3,962	4,445	905	905	905	1,477	1,477	1,414
3-Stage Full Free	TF/TS470	4,700	2,135	6	5	1,800	2,325	2,750	1,775	2,300	2,725	3,636	3,976	4,460	955	955	955	1,527	1,527	1,464
Lift	TF/TS500	5,000	2,235	6	5	1,750	2,275	2,700	1,725	2,225	2,650	3,658	3,998	4,483	1,055	1,055	1,055	1,627	1,627	1,564
	TF/TS550	5,500	2,435	6	5	1,700	2,175	2,600	1,650	2,150	2,575	3,697	4,037	4,526	1,255	1,255	1,255	1,827	1,827	1,764
	TF/TS600	6,000	2,635	6	5	1,625	1,700	1,750	1,600	1,700	1,750	3,762	4,102	4,596	1,455	1,455	1,455	2,027	2,027	1,964
	QF610	6,115	2,120	3	3	1,310	1,600	1,760	1,260	1,540	1,690	3,977	4,316	4,752	940	940	940	1,512	1,512	1,449
4-Stage	QF660	6,615	2,320	3	3	1,220	1,500	1,670	1,170	1,440	1,590	4,037	4,376	4,811	1,140	1,140	1,140	1,712	1,712	1,649
Full Free	QF700	7,015	2,420	3	3	1,180	1,400	1,470	1,120	1,350	1,400	4,068	4,407	4,842	1,240	1,240	1,240	1,812	1,812	1,749
Lift	QF745	7,465	2,570	3	3	880	1,100	1,170	830	1,050	1,100	4,113	4,452	4,888	1,390	1,390	1,390	1,962	1,962	1,899
	QF790	7,915	2,720	3	3	500	700	720	460	660	670	4,214	4,553	4,988	1,540	1,540	1,540	2,112	2,112	2,049

 $^{{}^{\}star}$ TS-Mast : Wide Visible 3 Stage Full Free Lift Mast with 2 Free Lift Cylinders.

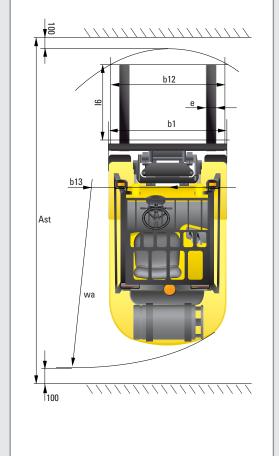
* Standard

Load Capacity



Dimension





Specification

Identification									
1.1	Manufacturer	Hyundai	Hyundai	Hyundai					
1.2	Manufacturer's type designation	20LC-7	25LC-7	30LC-7					
1.3	Drive: electric (battery or mains),diesel,petrol,fuel ga	FUEL GAS / PETROL	FUEL GAS / PETROL	FUEL GAS / PETROL					
1.4	Type of operation:hand,pedestrian,standing,seated,	seated	seated	seated					
1.5	Load capacity / rated load	kg	2,000	2,500	3,000				
1.6	Load center distance	c (mm)	500	500	500				
1.8	Load distance, center of drive axle to fork	x (mm)	458	458	458				
1.9	Wheelbase	y (mm)	1,410	1,410	1,410				

Weig	Weights								
2.1	Service weight	kg	3,476	3,766	4,268				
2.2	Axle loading, loaded front/rear	kg	4,763 / 713	5,095 / 771	6,357 / 911				
2.3	Axle loading, unloaded front/rear	kg	1,599 / 1,877	1,539 / 2,227	1,656 / 2,612				

Wheels, Chassis								
3.1	Tires:solid rubber, superelastic, pneumatic, polyurethane	Solid rubber	Solid rubber	Solid rubber				
3.2	Tires size, front(ϕ x width)	21 x 7 x 15	21 x 7 x 15	21 x 8 x 15				
3.3	Tires size, rear(<i>Φ</i> x width)	16 x 6 x 10.5	16 x 6 x 10.5	16 x 6 x 10.5				
3.5	Wheels, number front x rear (x=driven wheels)	2 x 2	2 x 2	2 x 2				
3.6	Track width, front mm	890	890	905				
3.7	Track width, rear mm	910	910	910				

Basic	Basic Dimensions							
4.1	Mast / fork carriage tilt forward / backward (α/β)	degrees	6 / 10	6 / 10	6 / 10			
4.2	Lowered mast height	h1 (mm)	2,135	2,135	2,135			
4.3	Free lift	h2 (mm)	155	155	155			
4.4	Lift height	h3 (mm)	3,305	3,305	3,305			
4.5	Extended mast height	h4 (mm)	4,485	4,485	4,485			
4.7	Overhead load guard (cab) height	h5 (mm)	2,090	2,090	2,090			
4.8	Seat height / standing height	h7 (mm)	1,040	1,040	1,040			
4.12	Coupling height	h10 (mm)	225	225	225			
4.19	Overall length	l1 (mm)	3,305	3,365	3,420			
4.20	Length to face of forks	12 (mm)	2,255	2,315	2,370			
4.21	Overall width	b1 (mm)	1,065	1,065	1,110			
4.22	Fork dimensions(hook type)	1/e/s (mm)	1,050 x 100 x 45	1,050 x 100 x 45	1,050 x 122 x 45			
4.23	Fork carriage ISO 2328, class / type A,B		II/A	II/A	III/A			
4.24	Fork-carriage width	b12 (mm)	1,022	1,022	1,022			
4.31	Ground clearance, loaded, under mast	m1 (mm)	90	90	90			
4.32	Ground clearance, centre of wheelbase	m2 (mm)	115	115	115			
4.33	Right Angle Stacking Aisle for Pallets 1,000x1,200(LxW)	Ast (mm)	3,796	3,846	3,894			
4.34	Right Angle Stacking Aisle for Pallets 800x1,200(WxL)	Ast (mm)	3,980	4,030	4,078			
4.35	Turning radius	Wa (mm)	2,150	2,200	2,245			
4.36	Smallest pivot point distance	b13 (mm)	816	816	816			

Perfo	Performance Data							
5.1	Travel speed, unloaded	km/h	18.6	18.6	18.6			
5.2	Lift speed, loaded/ unloaded	mm/s	580 / 610	550 / 610	500 / 610			
5.3	Lowering speed, loaded/unloaded	mm/s	500 / 450	500 / 450	500 / 450			
5.5	Drawbar pull, loaded	kg	1,619	1,590	1,553			
5.7	Gradient performance, loaded/ unloaded	%	31	26	22			
5.9	Acceleration time, loaded/ unloaded(10m)	sec	N/A	N/A	N/A			
5.10	Service brake		Mechanic / Hydraulic	Mechanic / Hydraulic	Mechanic / Hydraulic			

Engin	Engine							
6.1	Engine manufacturer / type		HMC L4GC	HMC L4GC	HMC L4GC			
6.2	Engine power acc. to ISO 1585	kW	37	37	37			
6.3	Rated speed	1/min	2,450	2,450	2,450			
6.4	No. of cylinder / cubic capacity	anz/cm³	4 / 1,975	4 / 1,975	4 / 1,975			
6.5	Fuel consumption acc. To VDI cycle	ℓ /h	N/A	N/A	N/A			

Othe	Other Details								
8.1	Type of drive control		Power Shift	Power Shift	Power Shift				
8.2	Operating pressure(System / Attach)	bar	225 / 168	225 / 168	225 / 168				
8.3	Oil volume	l	30	30	30				
8.4	Noise	db(A)	80	80	80				

1)with DZ mast +25mm; with integrated sideshift x=375mm(with DZ mast +25mm); with hook-on sideshift x =410.5mm(with DZ mast +25mm)