MOVING YOU FURTHER

25·30 33DT-7



Some of the photos may include optional equipment.

HYUNDAI
MATERIAL HANDLING

Your satisfaction is our priority!

New Diesel Forklift with Proven Quality and Advanced Technology

Hyundai introduces a new line of 7-series diesel forklift trucks.
The newly designed 4 wheel counterbalance trucks provide
every operator comfortable driving, increased productivity and easy maintenance.

- Maximum performance
- Spacious operator's cab
- Easy serviceability
- OPSS System for safe operation (OPT)

Some of the photos may include optional equipment.

Power & Performance

High Efficiency & Optimal Performance

Powerful engine and high technology systems provide you with enhanced performance and highest productivity.





Some of the photos may include optional equipment.



Some of the photos may include optional equipment.

Excellent and Economical Hyundai WIA WC30D engine

Market approved quality of Hyundai WIA WC30D engine ensures incomparable performance, durability and excellent fuel efficiency. This engine meets EPA Tier 3 and EU stage IIIA emission regulations.

- Excellent engine durability applied timing gear
- Rapid acceleration, smoke decrease
- Apply friction gear for reducing gear rattle noise
- One shot start at -25℃ installed cold start device

44.1kW / 2,500 rpm



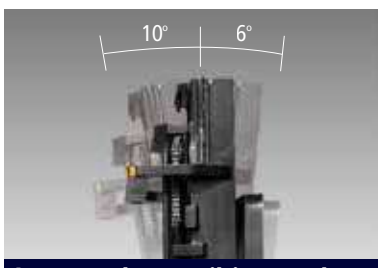
Highly durable drive axle

The strengthened drive axle separable from transmission ensures low vibration and easy maintenance. The wet disc type brake is applied for easy operation, smooth response and maintenance free.



Wet disc brake system

The wet disc brake system is virtually maintenance free and is enclosed to protect from dust and water.



Increased mast tilting angle

Utilizing the standard mast tilting angle of 6 degrees forward and 10 degrees backward, the operator can safely and rapidly perform loading and unloading jobs.



Fully hydrostatic power steering

The hydraulic steering system always guarantees smooth and flexible steering, preventing over-run and kick-back.

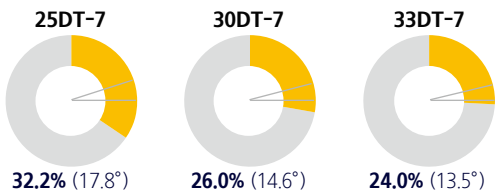


Durable & Powerful transmission

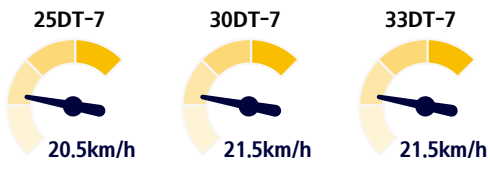
The combination of engine and torque converter enables smooth acceleration and high drawbar pull. Also modulation valve ensures smooth shifting.

Faster travel speed & gradeability

The powerful high-output engine provides greater acceleration, better gradeability and faster travel speed on any tough terrain or slope.



Max. Gradeability(Loaded)



Max. Travel Speed(Unloaded)

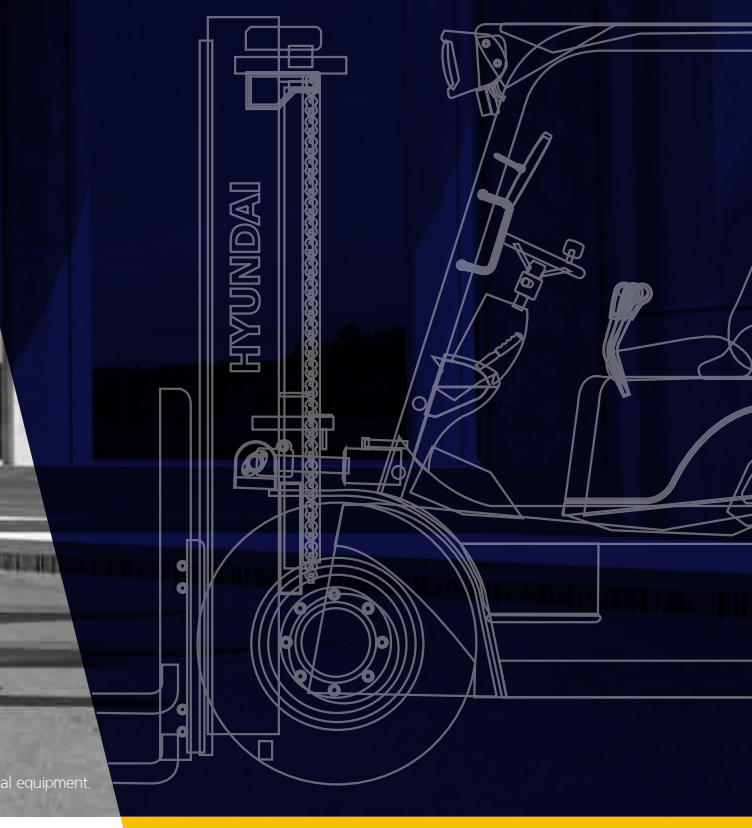
Easy & Comfort

Best Convenience & Optimized Ergonomics

The ergonomically designed cabin and the centralized cluster provides full support and comfort to the operator.



Some of the photos may include optional equipment.



Spacious operator cabin

The newly designed cabin provides wide visibility and spacious environment, ensuring all day comfort for the operator.



Some of the photos may include optional equipment.



Grammer Seat (OPT)

An attractive and adjustable seat, based on a human engineering design, provides great comfort. Also, the angle of the armrest can be adjusted to reduce the fatigue of the driver.

- Adjustable suspension stiffness based on the driver's weight (45~170kg)
- ELR type seat belt standard
- Heater and Backrest extension (OPT)

Operator friendly gauges and water-resistant monitor panel



Main monitoring features

- Parking brake lamp
- Directional indicators
- Fuel warning lamp
- Engine oil warning lamp
- Transmission oil temperature warning lamp
- Battery charging warning lamp
- Air cleaner filter warning lamp
- Water separator gauge
- Pre-heater indicator
- Water temperature gauge
- Fuel gauge
- Hour meter
- Engine check lamp
- Seat belt warning
- OPSS (OPT)
- Brake oil level lamp



Optimized pedal position

On the 7-series the pedals are mounted to the console to reduce operator fatigue, and noise and dust from the engine compartment.



Low entrance height

The low entrance height ensures easy and safe access for the operator.



Cup holder & console box

Additional storage spaces are located inside the operating space for operator's convenience.



Adjustable steering wheel

To achieve a comfortable drive position, the angle of the steering column can easily be adjusted by a lever on the right-hand side of the steering column.



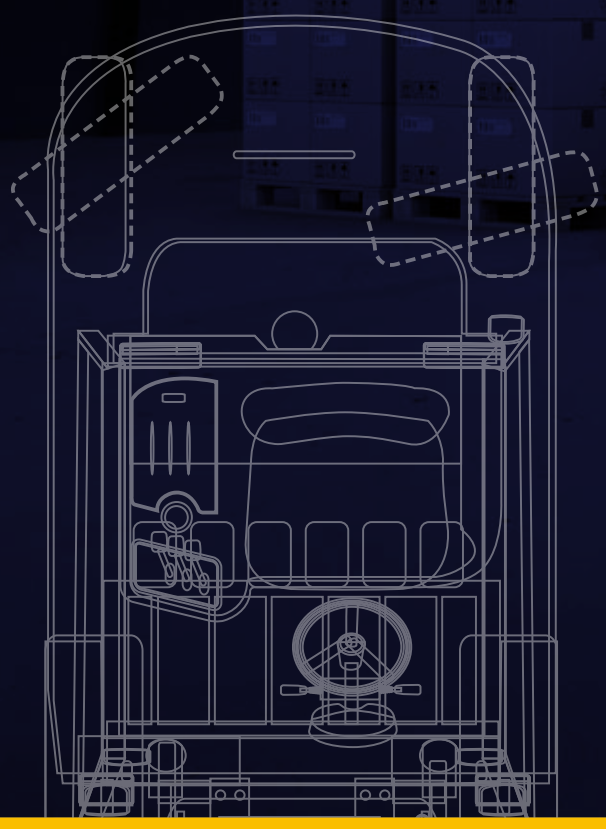
Easy and safe shift lever

A single lever on the left side of the steering column gives the operator fast, easy control of direction.

Secure & Safety

Advanced Safety

The safely designed driver's space makes your operating more comfortable.





Some of the photos may include optional equipment.

Excellent visibility for safe operation

Optimized lift cylinder arrangement provides operator with wider visibility. The panoramic mirror expands the driver's view when backing up.



Some of the photos may include optional equipment.



Strong overhead guard

Exceeding CEE and ANSI regulations, the overhead guard offers optimal protection combined with excellent all round visibility.



Convenient hand grip

A plastic wide grip bar is installed on the head guard leg for safety when getting on and off.

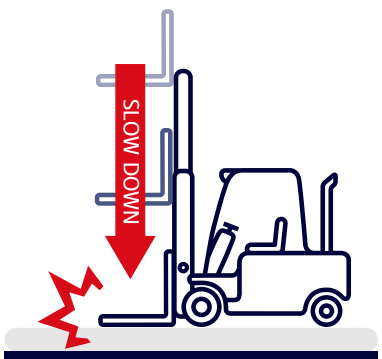


Parking brake

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

Various Safety System

The adoption of a high-sensitivity sensor and advanced safety system eliminates the risk of safety accidents.



Fork Safety Features

The down-safety valve prevents forks from dropping down in case of sudden damage of hydraulic line.



Operator Presence Sensing System (OPT)

All mast and drive movements stop functioning when the operator is not in the seat.



Heavy duty single unit frame

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



Bright, protected headlights

Bright, protected headlights is positioned for exceptional visibility.

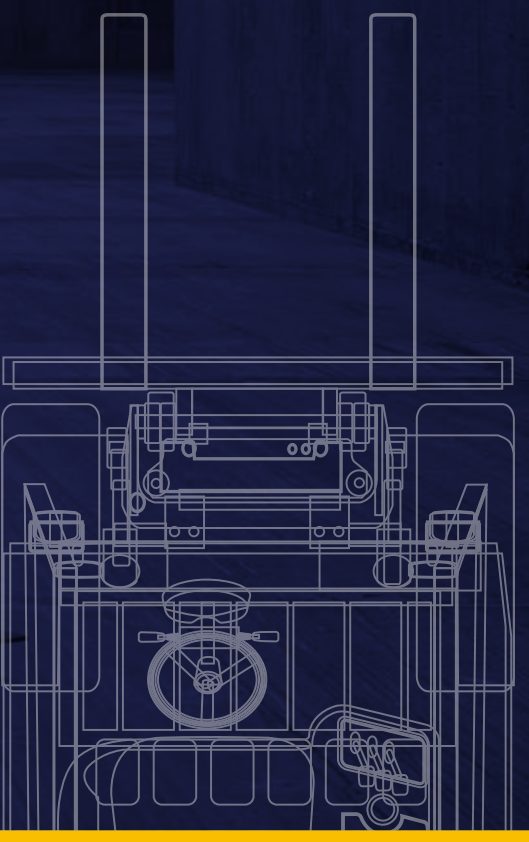
Maintenance & Convenience

Fast and Easy Maintenance

An ideal arrangement of components ensures easy access and convenience for maintenance.



Some of the photos may include optional equipment.



Large open engine hood

Highly accessible engine compartment assures fast and efficient maintenance.





Commercial vehicle type fuse box

Various fuses are centralized in the fuse box for the convenience of inspection and service.



Portable side cover

Opening the side cover ensures a large working space to check the engine and related components.



Aluminum radiator

Aluminun radiator with excellent cooling effect and dureability ensures performance of the engine and transmission.



Tool less type floor plate

The tool less type floor plate is applied, which is convenient and requires no use of tool.



Fuel cover with key

The key on the fuel inlet door prevents people from stealing fuel.



Easy change air cleaner

The air filter is readily accessible for cleaning or replacement.



Brake fluid reservoir with level switch

When brake oil level becomes lower than Min. the warning lamp on the cluster lights on.



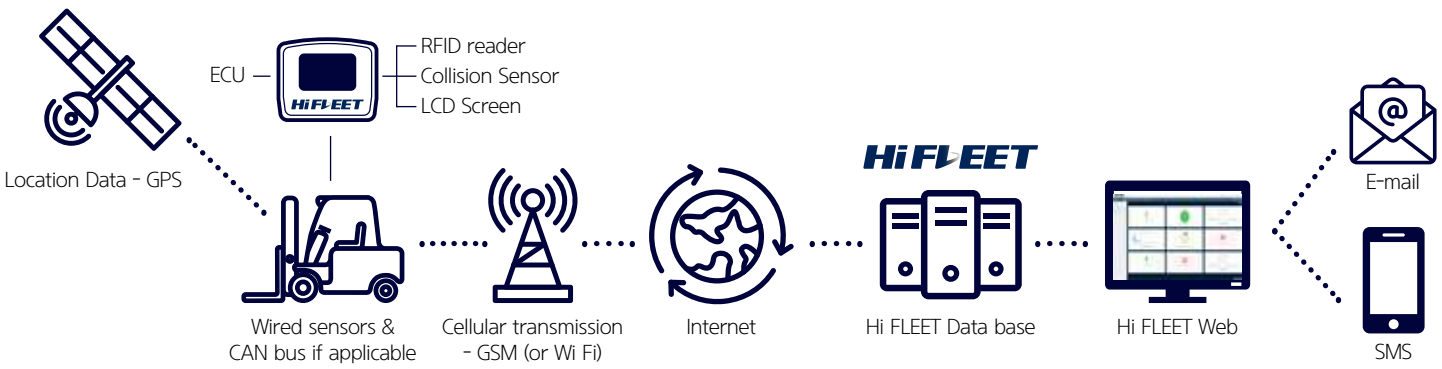
Electrically monitored air filter

Air cleaner sensor alerts the operator of a restricted air filter and allows replacement before damage.

Fleet Management System(Hi FLEET)(OPT)

Hi FLEET, Hyundai material handling's fleet management system, is the optimal operation solution for a fleet of forklifts. It connects driver and vehicle in real time.

You can see the video
by scanning the QR code.



DRIVER MANAGEMENT

It is possible to certify drivers and manage their work through RFID, PIN password.

VEHICLE MANAGEMENT

You can check the operating time, battery status, and location information in real time.



SAFETY MANAGEMENT

You can check the driver's conditions and vehicle status before starting work and manage the speed and collision.

MAINTENANCE

You can keep your vehicles in optimal condition by notifying the vehicle's maintenance interval and fault codes.

Hi FLEET System

Certification	Key-On	Work Management	Operation	Key-Off	Operation Information
· RFID · PIN	· Pre-check · Location Information	· Work Instructions	· Driver Management · Alarm / Push · Speeding / Collision	· Location Information	· Work Efficiency · Maintenance · Remaining Fuel

7 Series Mast Specification

25/30/33DT-7

25DT-7

Mast Type		Maximum Fork Height		Overall Height (Lowered)		Free Lift Height						Tilt Angle		Load capacity w/o side shift				Load capacity w/side shift				TRUCK WEIGHT (UNLOAD)			
						with bkr		w/o bkr		w/o bkr (3/4-SPOOL)				Single Tire		Double Tire		Single Tire		Double Tire		Single Tire		Double Tire	
														24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC				
		in	mm	in	mm	in	mm	in	mm	in	mm	Fwd deg	Bwd deg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
2-STAGE LIMITED FREE LIFT	*V300	118.1	3,000	79.7	2,025	6.1	155	6.1	155	6.1	155	6	10	5,000	2,500	5,000	2,500	5,000	2,500	5,000	2,500	8,223	3,730	8,508	3,859
	V330	129.9	3,300	85.6	2,175							6	10	5,000	2,500	5,000	2,500	5,000	2,500	5,000	2,500	8,266	3,750	8,551	3,879
	V350	137.8	3,500	89.6	2,275							6	10	5,000	2,500	5,000	2,500	5,000	2,500	5,000	2,500	8,304	3,767	8,589	3,896
	V370	145.7	3,700	95.5	2,425							6	10	5,000	2,500	5,000	2,500	5,000	2,425	5,000	2,500	8,352	3,789	8,637	3,918
	V400	157.4	4,000	101.4	2,575							6	10	5,000	2,460	5,000	2,500	5,000	2,385	5,000	2,425	8,418	3,819	8,703	3,948
	V430	169.3	4,300	107.3	2,725							6	6	5,000	2,410	5,000	2,470	4,960	2,335	5,000	2,395	8,533	3,870	8,817	4,000
	V450	177.2	4,500	113.2	2,875							6	6	4,900	2,350	5,070	2,430	4,850	2,275	4,960	2,355	8,581	3,892	8,866	4,022
	V470	185.0	4,700	117.1	2,975							6	6	4,850	2,320	4,960	2,410	4,790	2,245	4,900	2,335	8,613	3,907	8,898	4,036
	V500	196.9	5,000	123.0	3,125							6	6	4,740	2,260	4,850	2,350	4,680	2,185	4,790	2,275	8,661	3,929	8,946	4,058
2-STAGE FULL FREE LIFT	VF295	116.1	2,950	79.7	2,025	33.3	845	53.6	1,361	48	1,221	6	6	5,000	2,500	5,000	2,500	5,000	2,500	5,000	2,500	8,302	3,766	8,611	3,906
	VF325	127.9	3,250	85.6	2,175	39.2	995	59.5	1,511	54	1,371	6	6	5,000	2,500	5,000	2,500	5,000	2,500	5,000	2,500	8,376	3,799	8,685	3,939
3-STAGE FULL FREE LIFT	TF370	145.7	3,700	71.9	1,825	25.4	645	46.3	1,177	45	1,146	6	6	5,000	2,450	5,000	2,500	5,000	2,375	5,000	2,425	8,502	3,856	8,810	3,996
	TF400	157.4	4,000	75.8	1,925	29.3	745	50.3	1,277	49	1,246	6	6	5,000	2,400	5,000	2,470	4,960	2,325	5,000	2,395	8,555	3,880	8,863	4,020
	TF430	169.3	4,300	79.7	2,025	33.3	845	54.2	1,377	53	1,346	6	6	4,900	2,340	5,000	2,410	4,850	2,265	4,900	2,335	8,594	3,898	8,903	4,038
	TF450	177.2	4,500	83.7	2,125	37.2	945	58.1	1,477	58	1,477	6	6	4,790	2,310	4,900	2,380	4,740	2,235	4,850	2,305	8,643	3,920	8,951	4,060
	TF470	185.0	4,700	85.6	2,175	39.2	995	60.1	1,527	59	1,496	6	6	4,740	2,260	4,850	2,340	4,680	2,185	4,740	2,265	8,672	3,934	8,981	4,074
	TF500	196.9	5,000	89.6	2,275	43.1	1095	64.1	1,627	63	1,596	6	6	4,630	2,210	4,740	2,280	4,570	2,135	4,630	2,205	8,721	3,956	9,030	4,096
	TF600	236.2	6,000	105.3	2,675	58.9	1495	79.8	2,027	80	2,027	6	6	2,315	1,050	4,400	2,110	2,640	975	4,290	2,035	8,950	4,060	9,259	4,200
	TS370	145.7	3,700	71.9	1,825	25.4	645	46.3	1,177	41	1,053	6	6	5,000	2,450	5,000	2,500	5,000	2,375	5,000	2,425	8,502	3,856	8,810	3,996
	TS400	157.4	4,000	75.8	1,925	29.3	745	50.3	1,277	45	1,153	6	6	5,000	2,400	5,000	2,470	4,960	2,325	5,000	2,395	8,555	3,880	8,863	4,020
	TS430	169.3	4,300	79.7	2,025	33.3	845	54.2	1,377	49	1,253	6	6	4,900	2,340	5,000	2,410	4,850	2,265	4,900	2,335	8,594	3,898	8,903	4,038
	TS450	177.2	4,500	83.7	2,125	37.2	945	58.1	1,477	55	1,403	6	6	4,790	2,310	4,900	2,380	4,740	2,235	4,850	2,305	8,643	3,920	8,951	4,060
	TS470	185.0	4,700	85.6	2,175	39.2	995	60.1	1,527	55	1,403	6	6	4,740	2,260	4,850	2,340	4,680	2,185	4,740	2,265	8,672	3,934	8,981	4,074
	TS500	196.9	5,000	89.6	2,275	43.1	1095	64.1	1,627	59	1,503	6	6	4,630	2,210	4,740	2,280	4,570	2,135	4,630	2,205	8,721	3,956	9,030	4,096
	TS550	216.5	5,500	97.4	2,475	51.0	1295	71.9	1,827	70	1,770	6	6	3,527	1,600	4,570	2,210	3,850	1,525	4,460	2,135	8,808	3,995	9,116	4,135
	TS600	236.2	6,000	105.3	2,675	58.9	1495	79.8	2,027	77	1,953	6	6	2,315	1,050	4,400	2,110	2,640	975	4,290	2,035	8,950	4,060	9,259	4,200
4-STAGE FULL FREE LIFT	QF610	240.7	6,115	85.7	2,177	39.3	997	59.5	1,512	58	1,462	3	3	3,400	1,580	3,950	1,810	3,260	1,505	3,730	1,735	9,484	4,302	9,794	4,443
	QF660	260.4	6,615	93.6	2,377	47.1	1197	67.4	1,712	65	1,662	3	3	3,220	1,480	3,750	1,720	3,060	1,405	3,550	1,645	9,616	4,362	9,926	4,503
	QF700	276.2	7,015	97.5	2,477	51.1	1297	71.3	1,812	69	1,762	3	3	2,690	1,230	3,550	1,630	2,580	1,155	3,370	1,555	9,683	4,392	9,995	4,534
	QF745	293.9	7,465	103.4	2,627	57.0	1447	76.0	1,930	69	1,762	3	3	2,490	950	3,330	1,520	2,360	875	3,150	1,445	9,784	4,438	10,096	4,580

* TS-Mast : Wide Visible 3-Stage Full Free Lift Mast with 2 Free Lift Cylinders.

※ : Standard

7 Series Mast Specification

30DT-7

Mast Type		Maximum Fork Height		Overall Height (Lowered)		Free Lift Height						Tilt Angle		Load capacity w/o side shift				Load capacity w/side shift				TRUCK WEIGHT (UNLOAD)			
						with bkr		w/o bkr		w/o bkr (3/4-SPOOL)				Single Tire		Double Tire		Single Tire		Double Tire		Single Tire		Double Tire	
														24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC				
		in	mm	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
2-STAGE LIMITED FREE LIFT	*V300	118.1	3,000	80.3	2,040	6.1	155	6.1	155	6.1	155	6	10	6,000	3000	6000	3,000	6,000	3,000	6,000	3,000	9,168	4,158	9,361	4,246
	V330	129.9	3,300	86.2	2,190							6	10	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,212	4,179	9,406	4,266
	V350	137.8	3,500	90.2	2,290							6	10	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,251	4,196	9,445	4,284
	V370	145.7	3,700	96.1	2,440							6	10	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,302	4,219	9,495	4,307
	V400	157.4	4,000	102.0	2,590							6	10	6,000	3,000	6,000	3,000	5,950	2,880	6,000	2,920	9,370	4,250	9,563	4,338
	V430	169.3	4,300	107.9	2,740							6	6	5,950	2,900	6,000	2,950	5,840	2,800	5,950	2,850	9,486	4,303	9,679	4,391
	V450	177.2	4,500	113.8	2,890							6	6	5,840	2,850	6,000	2,920	5,730	2,750	5,840	2,820	9,536	4,325	9,729	4,413
	V470	185.0	4,700	117.7	2,990							6	6	5,730	2,800	5,890	2,880	5,620	2,700	5,780	2,780	9,569	4,341	9,763	4,428
	V500	196.9	5,000	123.6	3,140							6	6	5,620	2,750	5,780	2,820	5,510	2,650	5,620	2,720	9,619	4,363	9,813	4,451
2-STAGE FULL FREE LIFT	VF295	116.1	2,950	80.3	2,040	33.9	860	51.7	1,314	51.7	1,314	6	6	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,294	4,216	9,485	4,302
	VF325	127.9	3,250	86.2	2,190	39.8	1,010	57.6	1,464	57.6	1,464	6	6	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,371	4,251	9,562	4,337
3-STAGE FULL FREE LIFT	TF370	145.7	3,700	72.4	1,840	26.0	660	43.9	1,114	38.4	975	6	6	6,000	3,000	6,000	3,000	5,950	2,880	6,000	2,880	9,535	4,325	9,725	4,411
	TF400	157.4	4,000	76.4	1,940	29.9	760	47.8	1,214	42.3	1,075	6	6	5,890	2,880	6,000	2,950	5,780	2,780	5,890	2,850	9,589	4,350	9,779	4,436
	TF430	169.3	4,300	80.3	2,040	33.9	860	51.7	1,314	46.3	1,175	6	6	5,780	2,830	5,950	2,880	5670	2,730	5,780	2,780	9,638	4,372	9,828	4,458
	TF450	177.2	4,500	84.3	2,140	37.8	960	55.7	1,414	52.2	1,325	6	6	5,670	2,780	5,840	2,830	5,560	2,680	5,670	2,730	9,694	4,397	9,884	4,483
	TF470	185.0	4,700	86.2	2,190	39.8	1,010	57.6	1,464	52.2	1,325	6	6	5,560	2,750	5,730	2,790	5,510	2,650	5,620	2,690	9,725	4,411	9,915	4,497
	TF500	196.9	5,000	90.2	2,290	43.7	1,110	61.6	1,564	56.1	1,425	6	6	5,450	2,680	5,620	2,730	5,340	2,580	5,510	2,630	9,774	4,434	9,964	4,520
	TF600	236.2	6,000	105.9	2,690	59.4	1,510	77.3	1,964	73.8	1,875	6	6	4,145	1,880	5,230	2,530	4,290	1,780	5,070	2,430	10,026	4,548	10,216	4,634
	TS370	145.7	3,700	72.4	1,840	26.0	660	43.9	1,114	41.5	1,053	6	6	6,000	3,000	6,000	3,000	5,950	2,880	6,000	2,880	9,535	4,325	9,725	4,411
	TS400	157.4	4,000	76.4	1,940	29.9	760	47.8	1,214	45.4	1,153	6	6	5,890	2,880	6,000	2,950	5,780	2,780	5,890	2,850	9,589	4,350	9,779	4,436
	TS430	169.3	4,300	80.3	2,040	33.9	860	51.7	1,314	49.3	1,253	6	6	5,780	2,830	5,950	2,880	5670	2,730	5,780	2,780	9,638	4,372	9,828	4,458
	TS450	177.2	4,500	84.3	2,140	37.8	960	55.7	1,414	55.2	1,403	6	6	5,670	2,780	5,840	2,830	5,560	2,680	5,670	2,730	9,694	4,397	9,884	4,483
	TS470	185.0	4,700	86.2	2,190	39.8	1,010	57.6	1,464	55.2	1,403	6	6	5,560	2,750	5,730	2,790	5510	2,650	5,620	2,690	9,725	4,411	9,915	4,497
	TS500	196.9	5,000	90.2	2,290	43.7	1,110	61.6	1,564	59.2	1,503	6	6	5,450	2,680	5,620	2,730	5,340	2,580	5,510	2,630	9,774	4,434	9,964	4,520
	TS550	216.5	5,500	98.0	2,490	51.6	1,310	69.4	1,764	69.0	1,753	6	6	5,340	2,580	5,400	2,630	5,180	2,480	5,290	2,530	9,871	4,478	10,062	4,564
	TS600	236.2	6,000	105.9	2,690	59.4	1,510	77.3	1,964	76.9	1,953	6	6	4,145	1,880	5,230	2,530	4,290	1,780	5,070	2,430	10,026	4,548	10,216	4,634
4-STAGE FULL FREE LIFT	QF610	240.7	6,115	85.6	2,175	37.6	955	57.0	1,449	57.0	1,449	3	3	3,880	1,780	4,960	2,270	3700	1,680	4,670	2,170	10,438	4,735	10,669	4,839
	QF660	260.4	6,615	93.5	2,375	47.0	1,195	64.9	1,649	64.9	1,649	3	3	3,660	1,670	4,720	2,160	3,460	1,570	4,450	2,060	10,570	4,794	10,801	4,899
	QF700	276.2	7,015	97.4	2,475	51.0	1,295	68.9	1,749	68.9	1,749	3	3	3,020	1,370	4,480	2,050	2,870	1,270	4,230	1,950	10,637	4,825	10,868	4,930

* TS-Mast : Wide Visible 3-Stage Full Free Lift Mast with 2 Free Lift Cylinders.

※ : Standard

33DT-7

Mast Type		Maximum Fork Height		Overall Height (Lowered)		Free Lift Height						Tilt Angle		Load capacity w/o side shift				Load capacity w/side shift				TRUCK WEIGHT (UNLOAD)			
						with bkr		w/o bkr		w/o bkr (3/4-SPOOL)				Single Tire		Double Tire		Single Tire		Double Tire		Single Tire		Double Tire	
														24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC				
		in	mm	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
2-STAGE LIMITED FREE LIFT	*V300	118.1	3,000	83.1	2,110	6.1	155	6.1	155	6.1	155	6	10	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	9,764	4,429	9,876	4,480
	V330	129.9	3,300	89.0	2,260							6	10	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	9,816	4,453	9,928	4,503
	V350	137.8	3,500	92.9	2,360							6	10	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	9,851	4,468	9,963	4,519
	V370	145.7	3,700	98.8	2,510							6	10	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	9,903	4,492	10,015	4,543
	V400	157.4	4,000	104.7	2,660							6	10	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	9,974	4,524	10,086	4,575
	V430	169.3	4,300	110.6	2,810							6	6	6,500	3,300	6,500	3,300	6,500	3,275	6,500	3,300	10,092	4,578	10,204	4,628
	V450	177.2	4,500	116.5	2,960							6	6	6,500	3,275	6,500	3,300	6,500	3,200	6,500	3,300	10,144	4,601	10,256	4,652
	V470	185.0	4,700	120.5	3,060							6	6	6,500	3,225	6,500	3,300	6,440	3,150	6,500	3,250	10,179	4,617	10,291	4,668
	V500	196.9	5,000	126.4	3,210							6	6	6,440	3,175	6,500	3,250	6,330	3,100	6,500	3,150	10,231	4,641	10,343	4,692
2-STAGE FULL FREE LIFT	VF295	116.1	2,950	83.1	2,110	36.6	930	54.5	1,384	54.5	1,384	6	6	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	9,857	4,471	10,059	4,563
	VF325	127.9	3,250	89.0	2,260	42.5	1,080	60.4	1,534	60.4	1,534	6	6	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	9,935	4,506	10,137	4,598
3-STAGE FULL FREE LIFT	TF370	145.7	3,700	74.4	1,890	28.0	710	42.1	1,069	42.1	1,069	6	6	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	10,171	4,614	10,373	4,705
	TF400	157.4	4,000	78.3	1,990	31.9	810	46.0	1,169	46.0	1,169	6	6	6,500	3,275	6,500	3,300	6,500	3,200	6,500	3,300	10,220	4,636	10,422	4,727
	TF430	169.3	4,300	82.3	2,090	35.8	910	50.0	1,269	50.0	1,269	6	6	6,500	3,200	6,500	3,300	6,390	3,150	6,500	3,225	10,266	4,657	10,468	4,748
	TF450	177.2	4,500	86.2	2,190	39.8	1,010	53.9	1,369	53.9	1,369	6	6	6,440	3,150	6,500	3,250	6,280	3,075	6,500	3,175	10,314	4,678	10,516	4,770
	TF470	185.0	4,700	88.2	2,240	41.7	1,060	55.9	1,419	55.9	1,419	6	6	6,330	3,100	6,500	3,200	6,220	3,025	6,390	3,125	10,343	4,692	10,545	4,783
	TF500	196.9	5,000	92.1	2,340	45.7	1,160	59.8	1,519	59.8	1,519	6	6	6,220	3,050	6,390	3,125	6,110	2,950	6,280	3,050	10,393	4,714	10,595	4,806
	TF600	236.2	6,000	107.9	2,740	61.4	1,560	75.6	1,919	75.6	1,919	6	6	3,858	1,750	5,950	2,900	3,520	1,450	5,780	2,825	10,649	4,831	10,851	4,922
	TS370	145.7	3,700	74.4	1,890	28.0	710	42.1	1,069	42.1	1,069	6	6	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	10,171	4,614	10,373	4,705
	TS400	157.4	4,000	78.3	1,990	31.9	810	46.0	1,169	46.0	1,169	6	6	6,500	3,275	6,500	3,300	6,500	3,200	6,500	3,300	10,220	4,636	10,422	4,727
	TS430	169.3	4,300	82.3	2,090	35.8	910	50.0	1,269	50.0	1,269	6	6	6,500	3,200	6,500	3,300	6,390	3,150	6,500	3,225	10,266	4,657	10,468	4,748
	TS450	177.2	4,500	86.2	2,190	39.8	1,010	53.9	1,369	53.9	1,369	6	6	6,440	3,150	6,500	3,250	6,280	3,075	6,500	3,175	10,314	4,678	10,516	4,770
	TS470	185.0	4,700	88.2	2,240	41.7	1,060	55.9	1,419	55.9	1,419	6	6	6,330	3,100	6,500	3,200	6,220	3,025	6,390	3,125	10,343	4,692	10,545	4,783
	TS500	196.9	5,000	92.1	2,340	45.7	1,160	59.8	1,519	59.8	1,519	6	6	6,220	3,050	6,390	3,125	6,110	2,950	6,280	3,050	10,393	4,714	10,595	4,806
	TS550	216.5	5,500	100	2,540	53.5	1,360	67.7	1,719	67.7	1,719	6	6	5,952	2,700	6,170	3,000	6,000	2,450	6,000	2,925	10,490	4,758	10,692	4,850
	TS600	236.2	6,000	107.9	2,740	61.4	1,560	75.6	1,919	75.6	1,919	6	6	3,858	1,750	5,950	2,900	3,520	1,450	5,780	2,825	10,649	4,831	10,851	4,922
4-STAGE FULL FREE LIFT	QF610	240.7	6,115	87.6	2,225	41.1	1,045	57.0	1,449	57.0	1,449	3	3	4,060	1,950	5,840	2,830	3,900	1,850	5,620	2,730	10,928	4,957	11,141	5,054
	QF660	260.4	6,615	95.5	2,425	49.0	1,245	64.9	1,649	64.9	1,649	3	3	3,860	1,850	5,580	2,700	3,700	1,750	5,360	2,600	11,061	5,017	11,274	5,114
	QF700	276.2	7,015	99.4	2,525	53.0	1,345	68.9	1,749	68.9	1,749	3	3	3,240	1,550	5,310	2,580	3,090	1,450	5,110	2,480	11,126	5,047	11,340	5,144

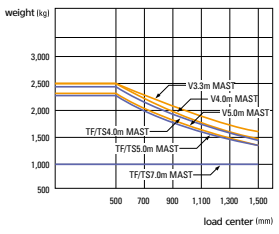
* TS-Mast : Wide Visible 3-Stage Full Free Lift Mast with 2 Free Lift Cylinders.

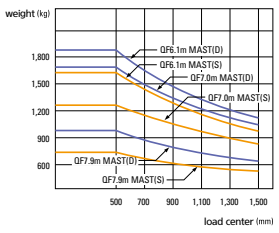
※ : Standard

7 Series

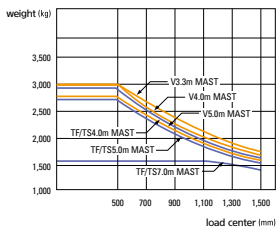
Load Capacity

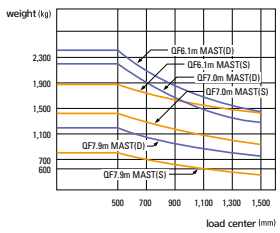
25DT-7



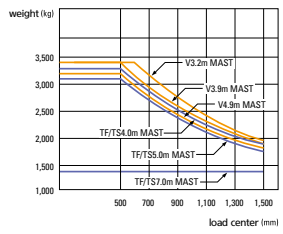


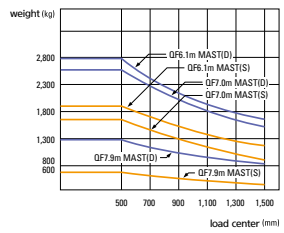
30DT-7





33DT-7



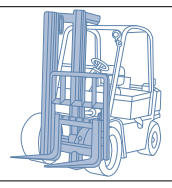


Optional Items

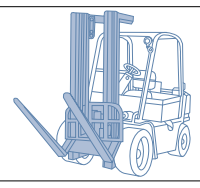
- Cabin & Heater
- Sideshift, Fork Positioner
- Integrated Sideshift, Integrated Sideshift with Fork Positioner (Sync)
- Fork (mm)
  25DT-7 : 900 / 1,000 / 1,200 / 1,350 / 1,500 / 1,650 / 1,800 (1,050 STD)
  30/33DT-7 : 900 / 1,150 / 1,200 / 1,350 / 1,500 / 1,650 / 1,800 / 2,400 (1,050 STD)
- Tilting : 6°/ 6°, 3°/ 3°
- Tire
  Solid, Non-marking
  Double tire (Front)
- Exhaust (Horizontal)
- Master S/W
- MCV : 4-SPOOL
- MAST
  2-Stage full free lift
  3-Stage full free lift
  4-Stage full free lift
- Pre Cleaner
- Seat
  Grammer
  (Arm rest, Buckle sw, Seat belt interlock)
- OPSS(Travel, Travel+Mast)

Attachments

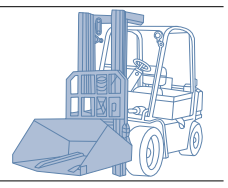
Side shift



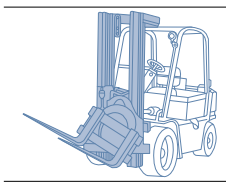
Hinged fork



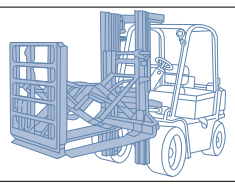
Hinged bucket



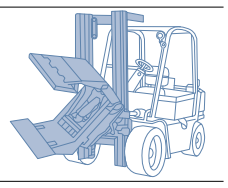
Rotating fork



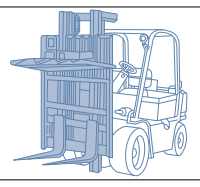
Push pull



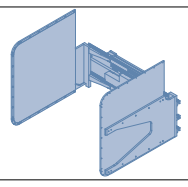
Rotating roll clamp



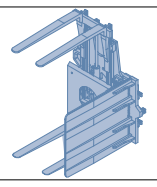
Load stabilizer



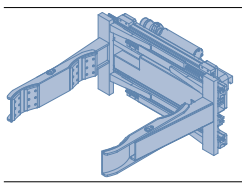
Carton clamp



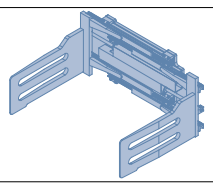
Pallet inverter



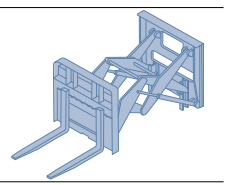
Drum clamp



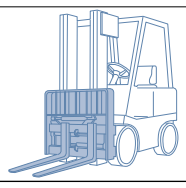
Veil clamp



Load extender



Fork positioner



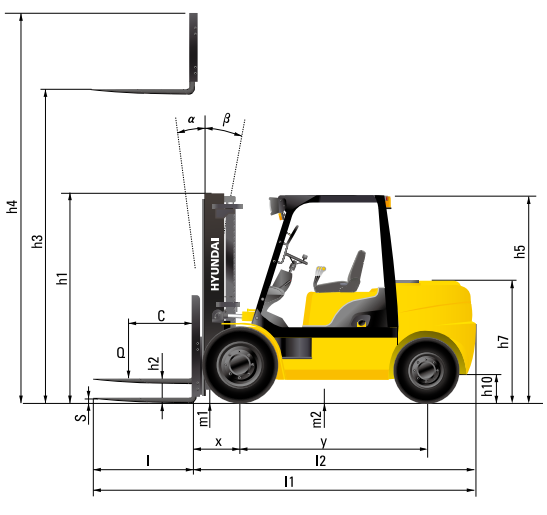
* All specifications and photos in this catalog are subject to change for quality improvement.

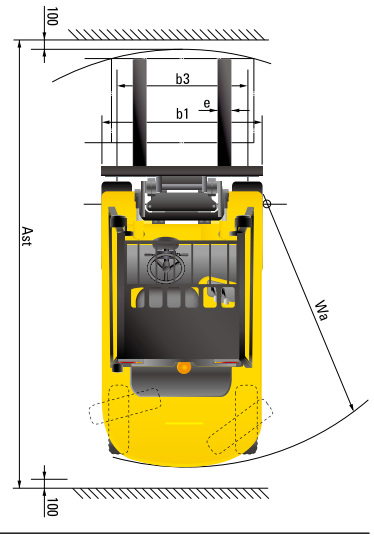
Specification

Identification					
1.1	Manufacturer		Hyundai		
1.2	Manufacturer's type designation		25DT-7	30DT-7	33DT-7
1.3	Drive: electric(battery or mains),diesel,petrol,fuel gas,manual		DIESEL	DIESEL	DIESEL
1.4	Type of operation:hand,pedestrian,standing,seated,order-picker		seated	seated	seated
1.5	Load capacity / rated load	kg	2,500	3,000	3,300
1.6	Load center distance	c mm	500	500	500
1.8	Load distance, center of drive axle to fork	x mm	468	468	468
1.9	Wheelbase	y mm	1,650	1,700	1,700
Weights					
2.1	Service weight(including battery)	kg	3,731	4,212	4,494
2.2	Axle loading, loaded front/rear	kg	5,460 / 771	6,183 / 929	6,840 / 955
2.3	Axle loading, unloaded front/rear	kg	1,493 / 2,238	1,631 / 2,581	1,660 / 2,835
Wheels, Chassis					
3.1	Tires:solid rubber, superelastic, pneumatic, polyurethane		Pneumatic	Pneumatic	Pneumatic
3.2	Tires size, front		7.00-12-12PR	8.15-15-14PR	8.15-15-14PR
3.3	Tires size, rear		6.50-10-12PR	6.50-10-12PR	6.50-10-12PR
3.5	Wheels, number front x rear(x=driven wheels		2x / 2	2x / 2	2x / 2
3.6	Track width, front	mm	965	1,005	1,005
3.7	Track width, rear	mm	980	980	980
Basic Dimensions					
4.1	Mast / fork carriage tilt forward / backward	degrees	6 / 10	6 / 10	6 / 10
4.2	Lowered mast height	h1 (mm)	2,025	2,040	2,260
4.3	Free lift	h2 (mm)	155	155	155
4.4	Lift height	h3 (mm)	3,005	3,005	3,305
4.5	Extended mast height	h4 (mm)	4,185	4,185	4,485
4.7	Overhead load guard(cab) height	h5 (mm)	2,160	2,180	2,180
4.8	Seat height / standing height	h7 (mm)	1,166	1,187	1,186
4.12	Coupling height	h10 (mm)	283	299	299
4.19	Overall length	l1 (mm)	3,657	3,742	3,782
4.20	Length to face of forks	l2 (mm)	2,607	2,692	2,732
4.21	Overall width	b1 (mm)	1,160	1,230	1,230
4.22	Fork dimensions(hook type)	l / e / s (mm)	1,050x100x45	1,050x122x45	1,050x122x45
4.23	Fork carriage ISO 2328, class / type A,B		II / A	III / A	III / A
4.24	Fork-carriage width	b3 (mm)	1,102	1,102	1,102
4.31	Ground clearance, loaded, under mast	m1(mm)	130	145	145
4.32	Ground clearance, centre of wheelbase	m2(mm)	171	189	189
4.33	Aisle width for pallets 1,000x1,200 crossways(LxW)	Ast(mm)	3,981	4,066	4,102
4.34	Aisle width for pallets 800x1,200 lengthways(WxL)	Ast(mm)	4,181	4,266	4,302
4.35	Turning radius	Wa(mm)	2,313	2,398	2,434

Performance Data					
5.1	Travel speed, unloaded	km/h	20.5	21.5	21.4
5.2	Lift speed, loaded/ unloaded	mm/s	590 / 610	490 / 500	480 / 500
5.3	Lowering speed, loaded/unloaded	mm/s	500 / 450	500 / 450	500 / 450
5.6	Max. Drawbar pull, loaded	N	20,934	19,852	19,929
5.8	Max. Gradeability, loaded	% (°)	32.2 (17.8)	26.0 (14.6)	24.0 (13.5)
5.10	Service brake		Hydraulic	Hydraulic	Hydraulic
Engine					
7.1	Engine manufacturer / type		HYUNDAI WIA / WC30D	HYUNDAI WIA / WC30D	HYUNDAI WIA / WC30D
7.2	Engine power acc. to ISO 1585	kW/rpm	44.1 / 2,500	44.1 / 2,500	44.1 / 2,500
7.3	Maximum torque	kgf.m/rpm	18.7 / 1,800	18.7 / 1,800	18.7 / 1,800
7.4	No. of cylinder / cubic capacity	EA/cc	4 / 2,957	4 / 2,957	4 / 2,957
7.5	Oil volume	ℓ / h	3.9	3.9	3.9
Other Details					
8.2	Operating pressure(system / attach)	bar	197 / 162	197 / 162	197 / 162
8.3	Attach oil volume (Max.)	ℓ /min	30 (60 MAX.)	30 (60 MAX.)	30 (60 MAX.)

Dimension





* All specifications in this catalog are subject to change according to the optional items.

MEMO

MEMO

HYUNDAI
MATERIAL HANDLING

www.hyundai-mh.com / **2020. 09 Rev. 10**

You can visit the website
by scanning the QR code.