

Hyundai 9-series diesel forklift

25-30

33D-9

35DA-9



Some of the photos may include optional equipment.

Your satisfaction is our priority!

New Diesel Forklift with Proven Quality and Advanced Technology

Hyundai introduces a new line of 9-series diesel forklift trucks.

The newly designed 4 wheel counterbalance trucks provide every operator comfortable driving, increased productivity and easy maintenance.

High Efficiency

- Tier 4, High power engine : KUBOTA V3307 (50kW)
- Reduce inching impact : Clutch protection system
- Wet disc brake

Advanced Safety

- Auto parking brake system
- Hill Start Assist Control
- Operator Presence Sensing System (OPT)
- Machine inclination indication

Best Convenience

- 5.6 inch LCD color monitor
- Auto fork leveling system (OPT)
- Load weight indicator (OPT)
- 4 pieces bolt on cabin (OPT)
- Rear horn with handle (OPT)

Easy Maintenance

- Password starting system
- Consumable item replacement cycle warning
- Rear tire cover & under cover (OPT)



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.

High Power Engine KUBOTA V3307

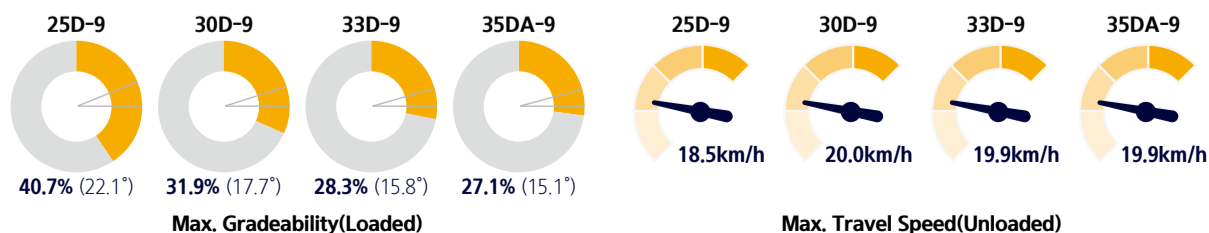
Market approved quality of KUBOTA V3307 engine ensures incomparable performance, durability and excellent fuel efficiency. This engine meets EPA Tier IV Final and EU stage IV B emission regulations.



KUBOTA V3307 Engine
50kW/2,300rpm

Faster Travel Speed & Gradeability

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



Clutch Protection System

The clutch protection system prevents excessive use of inching as well as minimizes change-impact.



Boosting type brake valve (OPT)

The boosting type brake valve is applied for strong braking performance.



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.



Fully hydrostatic power steering

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



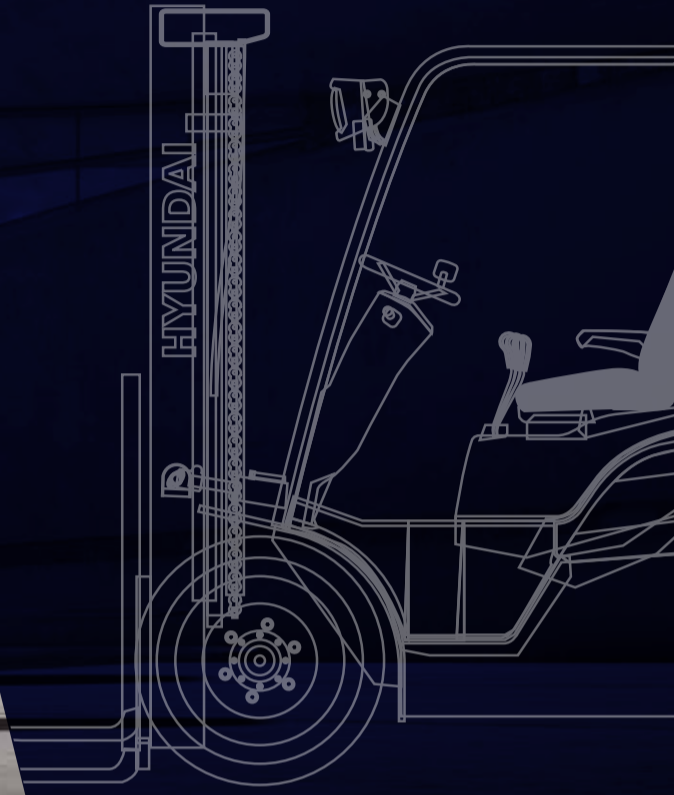
Oil cooled disc brake

The wet brakes with excellent braking power and durability offer a stable and reliable braking power. Also, an oil cooler has been added to improve durability in working environments where the frequency of brake operation is high.

Easy & Comfort

Best Convenience & Optimized Ergonomics

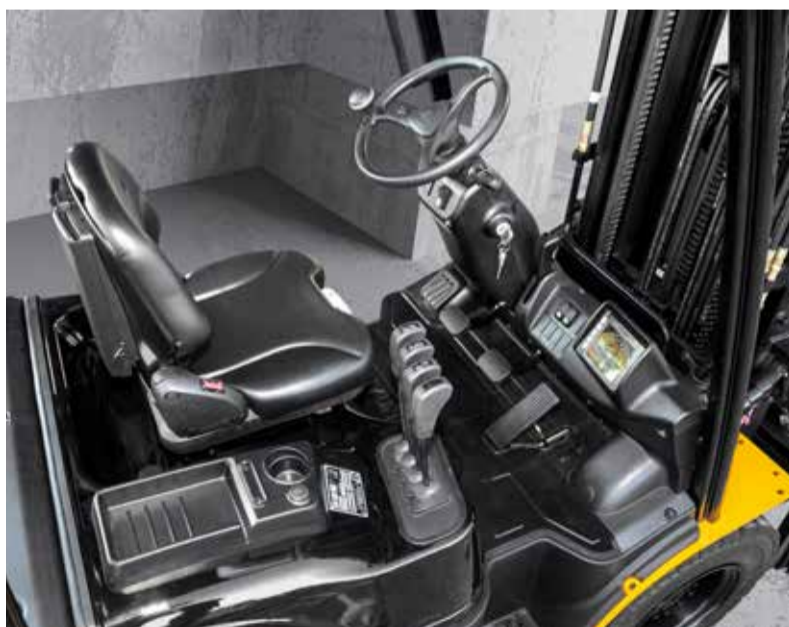
Powerful engine and high technology systems provide you with enhanced performance and high productivity.



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.



Grammer Seat (STD)

Easily adjustable suspension seat, based on a human engineering design, reduces operator fatigue and provides greater comfort.

- ELR(Emergency Locking Retractor) type seat belt as a standard
- Heating(STD) and head rest(OPT)



Rear Horn (OPT)

Allowing operators hand to remain within forklift at all times for safety. An integral horn switch can prevent any hazardous situation at reverse mode.



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.



Low entrance height

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

Advanced LCD Monitor

The 5.6 inch wide screen LCD color monitor allows the operator to control the machine with ease. The monitor features speed, travel direction, battery discharge indicator and hour meter.



Main monitoring features

- Hour-meter
- Fuel level gauge(Warning-Red)
- Signal / Warning light
- Gear (F / N / R)
- Speedometer
- Mast tilting degree(Alarm-Red)
- Clock
- Engine temperature gauge(Warning-Red)
- Odometer

1 Load Indicator (OPT)

The optional load indicator displays the load weight on the monitor. The load sensor reduces the time to check loaded weight and the alarm alerts the driver when overloaded.

2 Auto Fork Leveling System (OPT)

To improve the productivity the auto fork leveling system will automatically stop the tilt movement when the mast is in a straight position.

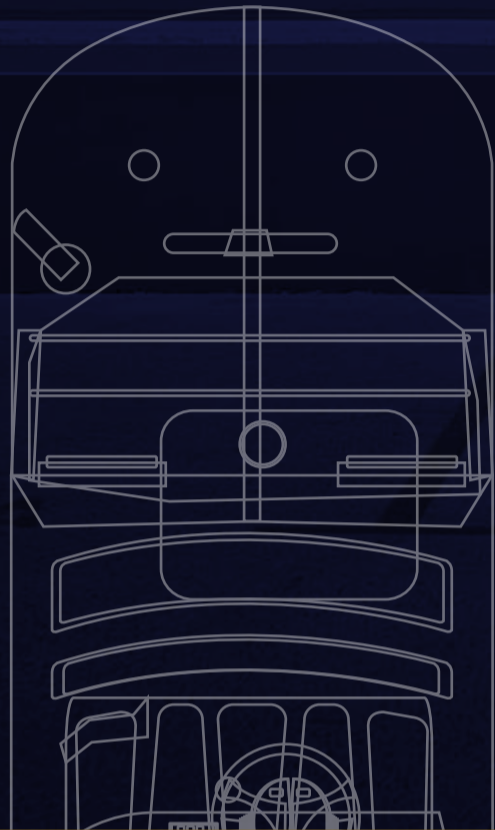
3 Machine inclination indication

The grade (left) and slope (right) sensors are built into the MCU and provide the grade and slope status information of the vehicle connected with the road surface condition in real time.

Secure & Safety

Advanced Safety

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



EXCELLENT VISIBILITY

ADVANCED SAFETY

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.



Safety Lamps & Rear Reflectors

Halogen headlights and rear LED combination lights offer the driver visibility in all circumstances. Rear reflectors mounted on the counterweight enhance safety for the driver and the application.

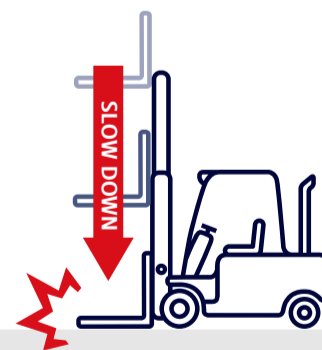
Various Safety System

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



Hill Start Assist Control (HAC)

Anti Roll-back system offers protection against the machine rolling back on a ramp in combination with exceptional ramp start capabilities.



Fork Safety Features

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

DRIVE LOCK LIFT LOCK TILT LOCK



Operator Presence Sensing System

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



Strong overhead guard

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



Auto parking brake

If the operator leaves the seat while the gear lever is in neutral, the parking brake is automatically engaged to secure safety, and released upon the operator's return to the seat.

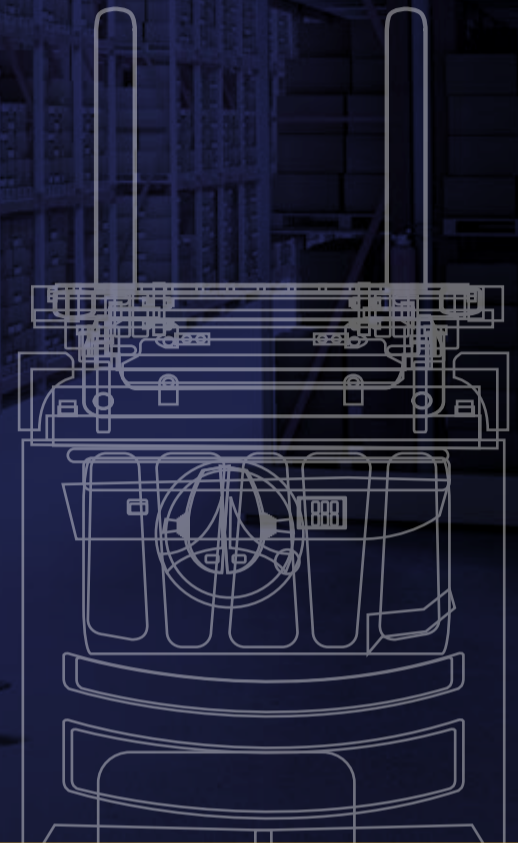
Maintenance & Convenience

Fast and Easy Maintenance

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

BEST CONVENIENCE

EASY MAINTENANCE



Some of the photos may include optional equipment.

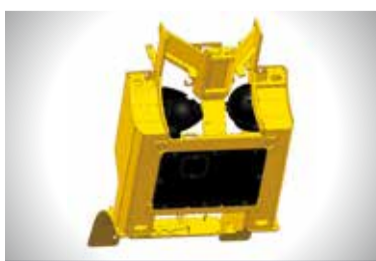
Large Engine Hood

Highly accessible engine compartment assures fast and efficient maintenance. The enlarged air cleaner(7") has extended service time of engine.



Waterproof & Dustproof cover

Newly developed Waterproof and Dustproof fuse box and relay box for ease of maintenance.



Rear tire & Under cover (OPT)

The rear tire cover and under cover with PE material protect the engine, radiator, and components from dusts caused by ground. Also, these options can be selected separately.



Password starting system

By granting the operation authority only to the designated driver, it is possible to manage the vehicle and prevent theft.



Rear view camera (OPT)

The rear view camera and monitor connected with the reverse switch guarantee a safe working environment.



Parking brake switch (STD) & Emergency switch (OPT)

A button-type switches enables to notify of emergency situations quickly and operate easily.



Bolt on type cabin

The bolt on type cabin consists of front side, door front, door rear, and rear side. It is easy to assemble by bolt and mount parts. Also, cabin can be selected by module or parts and air conditioner and heater are separately available for driver's convenience.

Maintenance Management			
Item	Interval	Elapse Count	Alarm
Axle Planetary Ge...	100	2	0
Transmission Oil	100	2	0
Transmission Oil F...	100	2	0
Hydraulic Tank AI...	250	2	0
Air Cleaner Comp...	450	2	0
Engine Oil Filter	500	2	0

Consumable item replacement cycle warning

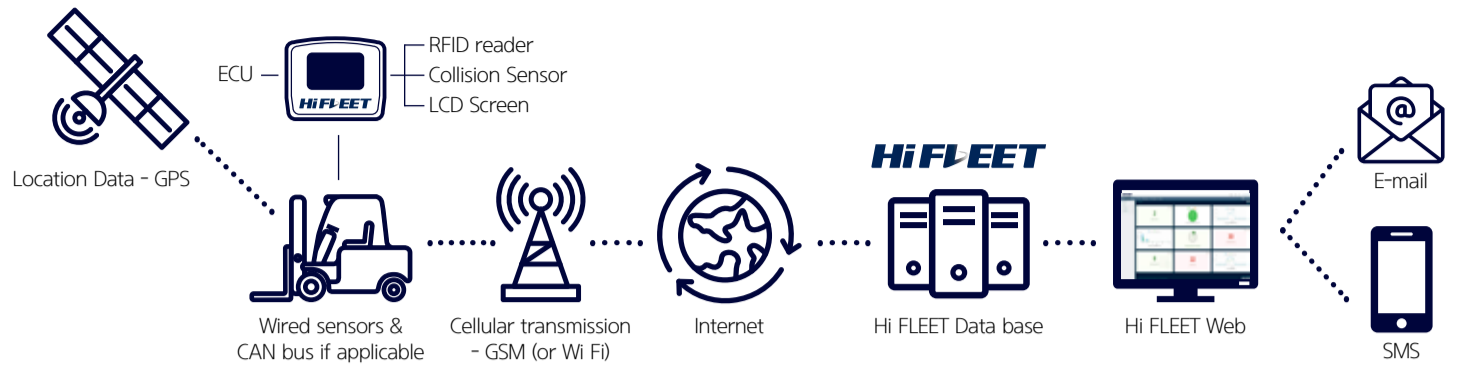
This indicator automatically alerts the operator of the replacement cycle of key consumable items before a failure occurs; making managing maintenance easy, and to help extend the life of the machine.

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.

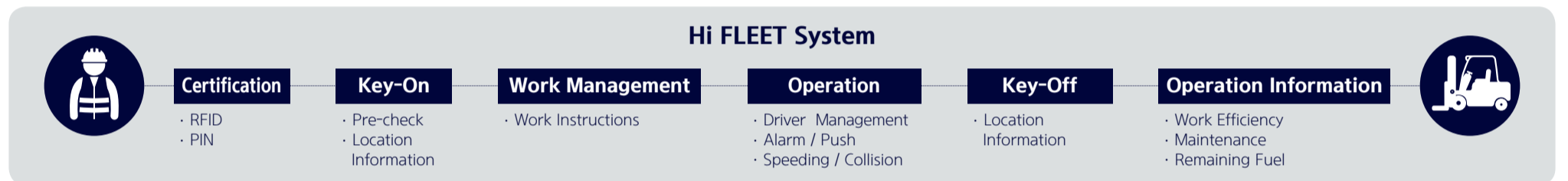


SAFETY MANAGEMENT

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.



New 9 Series Mast Specifications

25/30/33D-9
35DA-9

30D-9

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 (Unloaded)								
					With Load Backrest		Without Load Backrest		Without Load Backrest (3/4-SPOOL)		Fwd	Bwd	Single Tire		Double Tire		Single Tire		Double Tire		Single Tire		Double Tire						
	in	mm	in	mm	in	mm	in	mm	deg	deg	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	lb	kg	lb	kg	lb	kg	lb	kg	
2-STAGE LIMITED FREE LIFT	V300	118.3	3,005	80.3	2,040	4.5	155	4.5	155	4.5	155	6	10	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,431	4,278	9,638	4,372		
	*V330	130.1	3,305	86.2	2,190							6	10	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,475	4,298	9,683	4,392
	V350	138.0	3,505	90.2	2,290							6	10	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,515	4,316	9,722	4,410
	V370	145.9	3,705	96.1	2,440							6	10	6,000	3,000	6,000	3,000	6,000	2,930	6,000	3,000	6,000	2,820	6,000	3,000	9,544	4,329	9,751	4,423
	V400	157.7	4,005	102.0	2,590							6	10	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,632	4,369	9,841	4,464
V450	177.4	4,505	113.8	2,890	6	6	6,000	2,920	6,000	3,000	5,800	2,740	6,000	2,820	9,799	4,445	10,007	4,539											
2-STAGE FULL FREE LIFT	VF325	129.0	3,276	85.1	2,190	38.7	1,010	60.2	1,464	57.6	1,464	6	6	6,000	3,000	6,000	3,000	6,000	2,950	6,000	3,000	9,652	4,378	9,857	4,471				
3-STAGE FULL FREE LIFT	TF430	169.5	4,305	80.3	2,040	33.9	860	51.7	1,314	50.4	1,281	6	6	6,000	2,930	6,000	3,000	5,810	2,750	6,000	2,820	9,918	4,499	10,121	4,591				
	TF450	177.4	4,505	84.3	2,140	37.8	960	55.7	1,414	55.7	1,414	6	6	5,930	2,880	6,000	2,940	5,630	2,700	5,830	2,760	9,974	4,524	10,179	4,617				
	TF470	185.2	4,705	86.2	2,190	39.8	1,010	57.6	1,464	56.3	1,431	6	6	5,890	2,850	5,970	2,900	5,590	2,670	5,670	2,720	10,004	4,538	10,209	4,631				
	TF500	197.0	5,005	90.2	2,290	43.7	1,110	61.6	1,564	60.3	1,531	6	6	5,730	2,700	5,840	2,840	5,430	2,520	5,540	2,660	10,055	4,561	10,258	4,653				
	TF550	216.7	5,505	98.0	2,490	51.6	1,310	69.4	1,764	69.4	1,764	6	6	3,660	1,750	5,640	2,720	3,360	1,570	5,340	2,540	10,152	4,605	10,355	4,697				
	TF600	236.4	6,005	105.9	2,690	59.4	1,510	77.3	1,964	77.3	1,964	6	6	3,020	1,450	5,450	2,630	2,720	13,10	5,150	2,450	10,306	4,675	10,509	4,767				
	TF650	256.1	6,505	113.8	2,890	67.3	1,710	81.1	2,061	75.6	1,921	3	3	2,930	1,400	5,380	2,590	2,630	1,270	5,080	2,410	10,419	4,726	10,622	4,818				
	TF700	275.8	7,005	121.7	3,090	75.2	1,910	89.0	2,261	83.5	2,121	3	3	2,540	1,200	5,200	2,500	2,240	1,080	4,900	2,320	10,514	4,769	10,719	4,862				
	TS430	169.5	4,305	80.3	2,040	33.9	860	51.7	1,314	49.3	1,253	6	6	6,000	2,930	6,000	3,000	5,810	2,750	6,000	2,820	9,918	4,499	10,121	4,591				
	TS450	177.4	4,505	84.3	2,140	37.8	960	55.7	1,414	55.2	1,403	6	6	5,930	2,880	6,000	2,940	5,630	2,700	5,830	2,760	9,974	4,524	10,179	4,617				
	TS470	185.2	4,705	86.2	2,190	39.8	1,010	57.6	1,464	55.2	1,403	6	6	5,890	2,850	5,970	2,900	5,590	2,670	5,670	2,720	10,004	4,538	10,209	4,631				
	TS500	197.0	5,005	90.2	2,290	43.7	1,110	61.6	1,564	59.2	1,503	6	6	5,730	2,700	5,840	2,840	5,430	2,520	5,540	2,660	10,055	4,561	10,258	4,653				
TS550	216.7	5,505	98.0	2,490	51.6	1,310	69.4	1,764	69.0	1,753	6	6	3,660	1,750	5,640	2,720	3,360	1,570	5,340	2,540	10,152	4,605	10,355	4,697					
TS600	236.4	6,005	105.9	2,690	59.4	1,510	77.3	1,964	76.9	1,953	6	6	3,020	1,450	5,450	2,630	2,720	1,310	5,150	2,450	10,306	4,675	10,509	4,767					
4-STAGE FULL FREE LIFT	QF610	240.7	6,115	85.6	2,175	39.2	995	57.0	1,449	57.0	1,449	3	3	3,530	1,700	5,290	2,560	3,230	1,520	4,990	2,380	10,719	4,862	10,963	4,973				
	QF700	276.2	7,015	97.4	2,475	51.0	1,295	68.9	1,749	68.9	1,749	3	3	2,510	1,200	4,960	2,400	2,210	1,020	4,660	2,220	10,917	4,952	11,162	5,063				

※ : Standard

New 9 Series

33D-9

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 (Unloaded)								
					With Load Backrest		Without Load Backrest		Without Load Backrest (3/4-SPOOL)		Fwd	Bwd	Single Tire		Double Tire		Single Tire		Double Tire		Single Tire		Double Tire						
	in	mm	in	mm	in	mm	in	mm	deg	deg	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	lb	kg	lb	kg	lb	kg	lb	kg	
2-STAGE LIMITED FREE LIFT	V300	118.3	3,005	83.1	2,110	4.5	155	4.5	155	4.5	155	6	10	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	10,015	4,543	10,256	4,652		
	*V330	130.1	3,305	89.0	2,260							6	10	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	10,068	4,567	10,309	4,676
	V350	138.0	3,505	92.9	2,360							6	10	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	6,500	3,300	10,101	4,582	10,344	4,692
	V370	145.9	3,705	98.8	2,510							6	10	6,500	3,300	6,500	3,300	6,500	3,210	6,500	3,300	6,500	3,300	6,500	3,300	10,135	4,597	10,373	4,705
	V400	157.7	4,005	104.7	2,660							6	10	6,500	3,300	6,500	3,300	6,500	3,120	6,500	3,300	6,500	3,300	6,500	3,300	10,225	4,638	10,465	4,747
V450	177.4	4,505	116.5	2,960	6	6	6,500	3,190	6,500	3,300	6,500	3,010	6,500	3,120	10,395	4,715	10,637	4,825											
2-STAGE FULL FREE LIFT	VF325	129.0	3,276	88.3	2,260	41.9	1,080	60.1	1,534	60.4	1,534	6	6	6,500	3,300	6,500	3,300	6,500	3,210	6,500	3,300	10,278	4,662	10,511	4,768				
3-STAGE FULL FREE LIFT	TF430	169.5	4,305	83.1	2,110	36.6	930	51.7	1,314	51.7	1,314	6	6	6,500	3,180	6,500	3,280	6,500	3,000	6,500	3,100	10,608	4,812	10,842	4,918				
	TF450	177.4	4,505	87.0	2,210	40.6	1,030	55.7	1,414	55.7	1,414	6	6	6,500	3,120	6,500	3,220	6,270	2,940	6,500	3,040	10,655	4,833	10,891	4,940				
	TF470	185.2	4,705	89.0	2,260	42.5	1,080	57.6	1,464	57.6	1,464	6	6	6,350	3,080	6,500	3,170	6,050	2,900	6,290	2,990	10,686	4,847	10,919	4,953				
	TF500	197.0	5,005	92.9	2,360	46.5	1,180	61.6	1,564	61.6	1,564	6	6	6,260	3,030	6,390	3,110	5,960	2,850	6,090	2,930	10,734	4,869	10,968	4,975				
	TF550	216.7	5,505	100.8	2,560	54.3	1,380	69.4	1,764	69.4	1,764	6	6	4,560	2,200	6,170	2,990	4,260	2,020	5,870	2,810	10,831	4,913	11,065	5,019				
	TF600	236.4	6,005	108.7	2,760	62.2	1,580	77.3	1,964	77.3	1,964	6	6	3,130	1,500	5,950	2,870	2,830	1,360	5,650	2,690	10,992	4,986	11,226	5,092				
	TF650	256.1	6,505	116.5	2,960	70.1	1,780	85.2	2,164	81.1	2,061	3	3	3,060	1,450	5,910	2,830	2,760	1,310	5,610	2,650	11,098	5,034	11,332	5,140				
	TF700	275.8	7,005	124.4	3,160	78.0	1,980	93.1	2,364	89.0	2,261	3	3	2,650	1,250	5,710	2,730	2,350	1,130	5,410	2,550	11,188	5,075	11,422	5,181				
	TS430	169.5	4,305	83.1	2,110	36.6	930	51.7	1,314	51.7	1,314	6	6	6,500	3,180	6,500	3,280	6,500	3,000	6,500	3,100	10,608	4,812	10,842	4,918				
	TS450	177.4	4,505	87.0	2,210	40.6	1,030	55.7	1,414	55.7	1,414	6	6	6,500	3,120	6,500	3,220	6,270	2,940	6,500	3,040	10,655	4,833	10,891	4,940				
	TS470	185.2	4,705	89.0	2,260	42.5	1,080	57.6	1,464	57.6	1,464	6	6	6,350	3,080	6,500	3,170	6,050											

New 9 Series Mast Specifications

25/30/33D-9
35DA-9

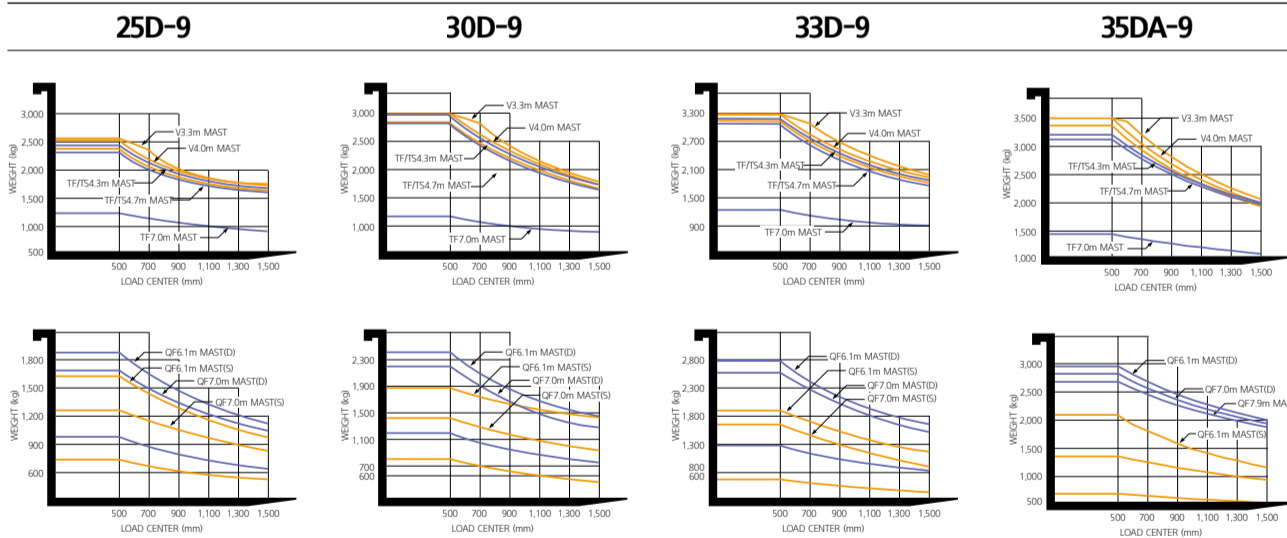
35DA-9

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 (Unloaded)					
				With Load Backrest		Without Load Backrest		Without Load Backrest (3/4-SPOOL)		Single Tire				Double Tire		Single Tire		Double Tire		Single Tire		Double Tire					
				in	mm	in	mm	in	mm	in	mm	deg	deg	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	lb	kg	lb	kg		
2-STAGE LIMITED FREE LIFT	V300	118.3	3,005	83.1	2,110	4.5	155	4.5	155	4.5	155	6	10	7,000	3,500	7,000	3,500	7,000	3,500	7,000	3,500	10,304	4,674	10,559	4,790		
	*V330	130.1	3,305	89.0	2,260							6	10	7,000	3,500	7,000	3,500	7,000	3,500	7,000	3,500	7,000	3,500	10,356	4,698	10,611	4,813
	V350	138.0	3,505	92.9	2,360							6	10	7,000	3,500	7,000	3,500	7,000	3,440	7,000	3,500	10,391	4,713	10,646	4,829		
	V370	145.9	3,705	98.8	2,510							6	10	7,000	3,500	7,000	3,500	6,890	3,390	7,000	3,460	10,444	4,737	10,698	4,853		
	V400	157.7	4,005	104.7	2,660							6	10	7,000	3,500	7,000	3,500	6,730	3,310	6,860	3,380	10,514	4,769	10,769	4,885		
V450	177.4	4,505	116.5	2,960	6	6	6,850	3,370	7,000	3,470	6,470	3,180	6,620	3,250	10,684	4,846	10,939	4,962									
2-STAGE FULL FREE LIFT	VF325	129.0	3,276	89.0	2,260	41.9	1,080	60.1	1,534	60	1,534	6	6	7,000	3,500	7,000	3,500	7,000	3,460	7,000	3,500	10,565	4,792	10,814	4,905		
3-STAGE FULL FREE LIFT	TF430	169.5	4,305	83.1	2,110	36.6	930	51.7	1,314	52	1,314	6	6	6,820	3,360	7,000	3,460	6,460	3,170	6,600	3,250	10,896	4,943	11,144	5,055		
	TF450	177.4	4,505	87.0	2,210	40.6	1,030	55.7	1,414	56	1,414	6	6	6,710	3,310	6,890	3,410	6,380	3,120	6,510	3,200	10,944	4,964	11,193	5,077		
	TF470	185.2	4,705	89.0	2,260	42.5	1,080	57.6	1,464	58	1,464	6	6	6,620	3,260	6,800	3,360	6,290	3,080	6,420	3,160	10,974	4,978	11,222	5,090		
	TF500	197.0	5,005	92.9	2,360	46.5	1,180	61.6	1,564	62	1,564	6	6	6,490	3,190	6,670	3,290	6,160	3,010	6,290	3,090	11,024	5,000	11,272	5,113		
	TF550	216.7	5,505	100.8	2,560	54.3	1,380	69.4	1,764	69	1,764	6	6	4,820	2,340	6,450	3,170	4,490	2,190	6,070	2,980	11,120	5,044	11,368	5,157		
	TF600	236.4	6,005	108.7	2,760	62.2	1,580	77.3	1,964	77	1,964	6	6	3,100	1,500	6,230	3,060	2,810	1,360	5,870	2,870	11,280	5,117	11,528	5,229		
	TF650	256.1	6,505	116.5	2,960	70.1	1,780	85.2	2,164	81	2,061	3	3	2,860	1,380	6,000	2,950	2,570	1,240	5,670	2,770	11,387	5,165	11,636	5,278		
	TF700	275.8	7,005	124.4	3,160	78.0	1,980	93.1	2,364	89	2,261	3	3	2,570	1,240	5,800	2,850	2,280	1,090	5,500	2,680	11,476	5,206	11,725	5,318		
	TS430	169.5	4,305	83.1	2,110	36.6	930	51.7	1,314	52	1,314	6	6	6,820	3,360	7,000	3,460	6,460	3,170	6,600	3,250	10,896	4,943	11,144	5,055		
	TS450	177.4	4,505	87.0	2,210	40.6	1,030	55.7	1,414	56	1,414	6	6	6,710	3,310	6,890	3,410	6,380	3,120	6,510	3,200	10,944	4,964	11,193	5,077		
	TS470	185.2	4,705	89.0	2,260	42.5	1,080	57.6	1,464	58	1,464	6	6	6,620	3,260	6,800	3,360	6,290	3,080	6,420	3,160	10,974	4,978	11,222	5,090		
	TS500	197.0	5,005	92.9	2,360	46.5	1,180	61.6	1,564	62	1,564	6	6	6,490	3,190	6,670	3,290	6,160	3,010	6,290	3,090	11,024	5,000	11,272	5,113		
TS550	216.7	5,505	100.8	2,560	54.3	1,380	69.4	1,764	69	1,764	6	6	4,820	2,340	6,450	3,170	4,490	2,190	6,070	2,980	11,120	5,044	11,368	5,157			
TS600	236.4	6,005	108.7	2,760	62.2	1,580	77.3	1,964	77	1,964	6	6	3,100	1,500	6,230	3,060	2,810	1,360	5,870	2,870	11,280	5,117	11,528	5,229			
4-STAGE FULL FREE LIFT	QF610	240.7	6,115	87.6	2,225	41.1	1,045	57.0	1,449	57	1,449	3	3	4,200	2,050	6,050	2,950	3,950	1,900	5,670	2,770	11,558	5,243	11,818	5,361		
	QF700	276.2	7,015	99.4	2,525	53.0	1,345	68.9	1,749	69	1,749	3	3	2,770	1,320	5,700	2,780	2,460	1,180	5,640	2,600	11,757	5,333	12,017	5,451		

* : Standard

New 9 Series

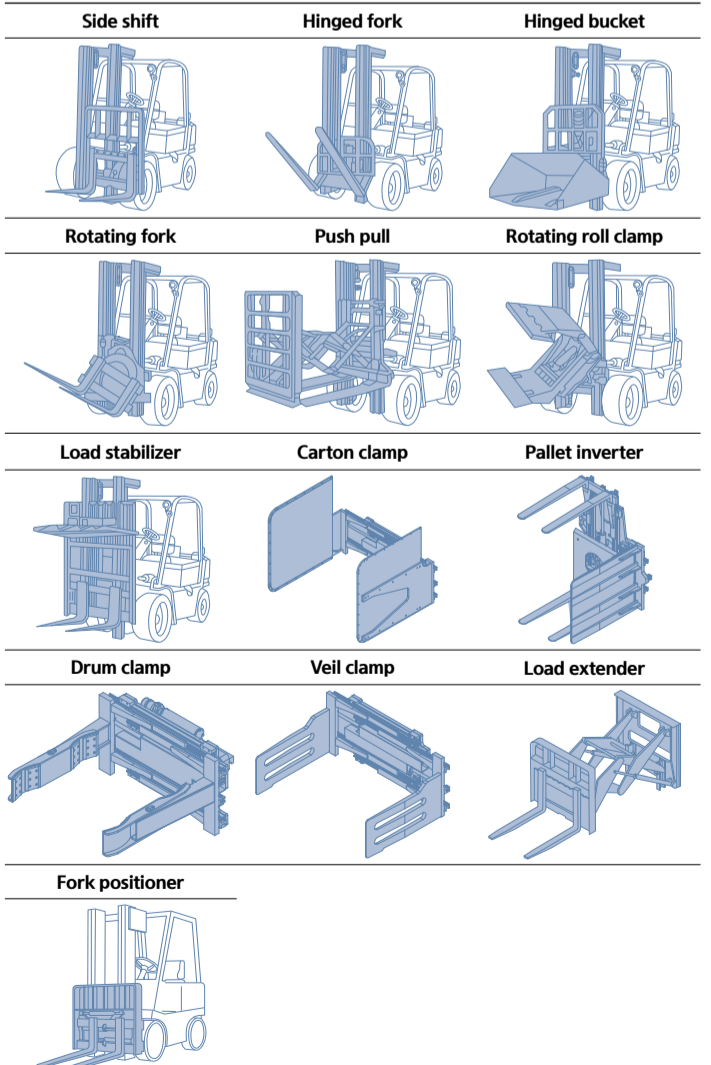
Load Capacity



Optional Items

- Fork(mm)
25D-9 : 900, 1000, 1050(STD), 1200, 1350, 1500, 1650, 1800, 2100
30/33D-9, 35DA-9 : 900, 1050(STD), 1150, 1200, 1650, 1800, 1970, 2120, 2300, 2400
- Integral Sideshift, Fork Positioner, Sideshift, Integral Fork Positioner with Sideshift
- Tire : Solid(superelastic) / Non-marking / Front double tire
- M.C.V : 4-Spool
- Seat : Armrest, Heat, Backrest Ext, Buckle SW
- Load Weight Indicator
- Auto Fork Leveling System
- Rear View Camera
- Cabin(Heater, A/C)
- Hydraulic Pump Temperature / Pressure Indication
- Battery Disconnect Switch(Master Switch)
- Beacon Lamp(LED) (Amber)
- Rear work Lamp(Bulb or LED)
- F-N-R & Horn Knob switch
- Rear Horn with Handle
- Finger Tip Control Lever
- Full LED Lamp
- Cooling system for Tropical Area(35DA-9)

Attachments



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

New 9 Series

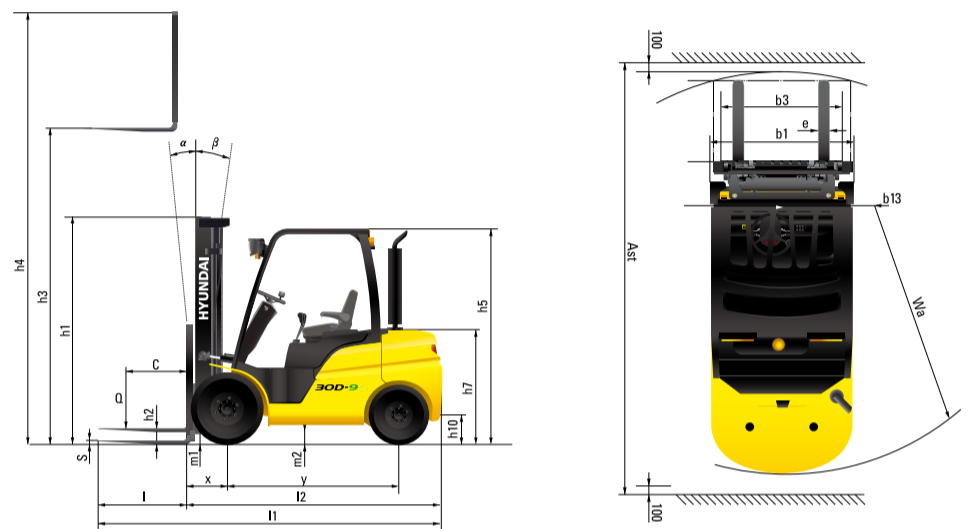
25/30/33D-9
35DA-9

Specification

Identification							
1.1	Manufacturer		Hyundai				
1.2	Manufacturer's model designation		25D-9	30D-9	33D-9	35DA-9	
1.3	Drive : electric (battery or mains), diesel, petrol, fuel gas, manual		DIESEL	DIESEL	DIESEL	DIESEL	
1.4	Type of operation : hand, pedestrian, standing, seated, order-picker		seated	seated	seated	seated	
1.5	Load capacity / Rated load	kg	2,500	3,000	3,300	3,500	
1.6	Load center distance	c mm	500	500	500	500	
1.8	Load distance, center of drive axle to fork	x mm	468	468	468	468	
1.9	Wheelbase	y mm	1,650	1,700	1,700	1,700	
Weight							
2.1	Service weight	kg	3,888	4,282	4,561	4,698	
2.2	Axle loading, loaded front / rear	kg	5,567 / 822	6,375 / 906	6,807 / 1,054	7,098 / 1,100	
2.3	Axle loading, unloaded front / rear	kg	1,600 / 2,288	1,667 / 2,615	1,628 / 2,933	1,606 / 3,092	
Tires, chassis							
3.1	Tires : Pneumatic(P), Solid(S), Non-marking(N)		P	P	P	P	
3.2	Tires size, front	Single	7.00 -12 -12PR	8.15-15-14PR	8.15-15 -14PR	8.15-15-14PR	
		Double	6.00-15-10PR	6.00-15-10PR	6.00-15-10PR	6.00-15-10PR	
3.3	Tires size, rear	Single	6.50-10-12PR	6.50-10 -12PR	6.50-10 -12PR	6.50-10-12PR	
		Double	6.50-10-12PR	6.50-10-12PR	6.50-10-12PR	6.50-10-12PR	
3.4	Number of wheels front / rear (x=driven wheels)		2x / 2	2x / 2	2x / 2	2x / 2	
3.5	Track width, front	Single	mm	999	1,005	1,005	1,005
		Double	mm	1,153	1,153	1,153	1,153
	Tires width, rear	mm	980	980	980	980	
Basic Dimensions							
4.1	Mast / fork carriage tilt forward / backward (α/β)	degrees	6 / 10	6 / 10	6 / 10	6 / 10	
4.2	Lowered mast height	h1 (mm)	2,175	2,190	2,260	2,260	
4.3	Free lift	h2 (mm)	155	155	155	155	
4.4	Lift height	h3 (mm)	3,305	3,305	3,305	3,305	
4.5	Extended mast height	h4 (mm)	4,485	4,485	4,485	4,485	
4.7	Overhead guard height (cabin)	h5 (mm)	2,160 (2,170)	2,180 (2,190)	2,180 (2,190)	2,180 (2,190)	
4.8	Seat height / standing height rel. to SIP	h7 (mm)	1,187	1,212	1,212	1,212	
4.12	Coupling height	h10 (mm)	310	300	299	295	
4.19	Overall length	l1 (mm)	3,657	3,726	3,782	3,816	
4.20	Length to face of forks	l2 (mm)	2607	2,676	2,732	2,766	
4.21	Overall width	Single	b1 (mm)	1,200	1,230	1,230	1,230
		Double	b1 (mm)	1,517	1,517	1,517	1,517
4.22	Fork dimensions(hook type)	l / e / s (mm)	1,050 x 100 x 45	1,050 x 122 x 45	1,050 x 122 x 45	1,050 x 122 x 45	
4.23	Fork carriage ISO 2328, class / type A,B		2A	3A	3A	3A	
4.24	Fork-carriage width	b3 (mm)	1,102	1,102	1,102	1,102	
4.31	Ground clearance, loaded, under mast	m1(mm)	130	145	145	145	
4.32	Ground clearance, center of wheelbase	m2(mm)	172	181	174	171	
4.33	Aisle width for pallets 1,000x1,200 crossways (LxW)	Ast(mm)	4,010	4,081	4,131	4,158	
4.34	Aisle width for pallets 800x1,200 lengthways (WxL)	Ast(mm)	4,210	4,281	4,331	4,358	
4.35	Turning radius	Wa(mm)	2,342	2,413	2,463	2,490	
4.36	Smallest pivot point distance	b13 (mm)	714	731	731	731	

Performance data						
5.1	Travel speed, unloaded	km/h	18.5	20.0	19.9	19.9
5.2	Lift speed, loaded/ unloaded	mm/s	620 / 630	520 / 520	510 / 520	490 / 520
5.3	Lowering speed, loaded/unloaded	mm/s	500 / 450	500 / 450	500 / 450	500 / 450
5.6	Max. Drawbar pull, loaded	N	26,348	23,905	23,963	23,989
5.7	Gradient performance, loaded	%	40.7	31.9	28.3	27.1
5.9	Acceleration time, loaded/ unloaded(10m)	sec	-	-	-	-
5.10	Service brake		FOOT	FOOT	FOOT	FOOT
Engine						
7.1	Engine manufacturer / type		kubota V3307			
7.2	Engine power acc. to ISO 1585	kW/rpm	50(67ps) / 2300			
7.3	Maximum Torque	kgf.m/rpm	23.1 / 1500	23.1 / 1500	23.1 / 1500	23.1 / 1500
7.4	No. of cylinder / cubic capacity	EA/cc	4 / 3331	4 / 3331	4 / 3331	4 / 3331
7.5	Fuel consumption acc. To VDI cycle	l / h	3.6	3.6	3.6	3.6
Other Details						
8.1	Type of drive control		PowerShift	PowerShift	PowerShift	PowerShift
8.2	Operating pressure, system / attach	bar	197 / 162	197 / 162	197 / 162	217 / 162
8.3	Attach oil volume	l / min	30 (60 Max.)	30 (60 Max.)	30 (60 Max.)	30 (60 Max.)
8.4	Sound pressure level (at driver's ear according to DIN 12053)	dB(A)	81	81	81	81
8.5	Trailer coupling, type DIN		PIN	PIN	PIN	PIN

Dimension



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

MEMO



HD
HYUNDAI
XITE SOLUTION

www.hyundai-mh.com / 2023. 08