

110/130/160D-9V series that satisfies both eco-friendliness and cost-effectiveness! The 9V series is a creative product that satisfies eco-friendliness and reduces TCO (Total Cost of Ownership) by satisfying the Euro stage 5 regulations and significantly improving fuel efficiency and work efficiency.



www.hyundai-mh.com

2022. SEP

PRODUCT FEATURES OVERVIEW

VALUE

As times change, the standard for high performance should also change

and EGR removed 110/130-9V

Optimized hydraulic system

160D-9V improved fuel efficiency by 12% **RPM** reduction of cooling fan and optimized cabin structure

110/130-9V

160D-9V reduced driver's seat noise by 4.9dB

- Alarm warning when the road slope exceeds the standard

- Travel speed limit - Prohibiting driving beyond the speed limit at the place of work
- Real-time display of steering tire position Option

Prominent driving comfort specifications

- · Applied a new cabin with improved work convenience and serviceability
- Eliminated visual distortion at the edge of the windshield

Environment-Friendly

- Satisfies EU stage 5 regulations on gas and achieves both eco-friendliness and operating expenses reduction with improved fuel efficiency
- Cummins B4.5, 6.7 engines

Innovative cost-effectiveness and reliable durability

- Significant TCO reduction 12~32% fuel efficiency improvement
- EGR removed, hydraulic system optimized, engine fuel efficiency downsizing
- Newly applied ZF T/M equipped with the upgraded TCU
- 12~32% fuel efficiency improvement
- Improved responsiveness and optimized shift timing
- Applied a non-contact shift lever that is strong against moisture
- · Selection of engine working mode according to working conditions
- "PWR/STD mode" "idle RPM up/down"

an-

110/130 160D-9V

Differentiated safety specifications

- Auto-parking brake
- OPSS Restricted driving, lift and tilt operation
- Road slope warning
- Password-start limit
- Prevents theft by prohibiting forklift operation by
- an unauthorized operator
- Providing steering direction information that cannot
- be easily obtained with the naked eye

- Increased the side view by applying glass-type side doors
- Improved accessibility by repositioning the console
- switches and light buttons
- Reduced cabin noise while driving (4.9 to 5.9dB)
- Hanging type brake inching pedal
- Air suspension & swivel seat Option

Easy and convenient follow-up management

- Auto-tilting cabin that opens up to 52 degrees
- Eliminated visual distortion at the edge of the windshield - Restricting cabin tilting when opening the passenger door to prevent cabin damage accidents
- Automatic DPF & SCR regeneration of the post-processing device by engine load
- Diagnosis of failures such as mission, engine, and fingertip and consumables replacement cycle management on the color monitor

Eco-friendly Cummins B series engine

Cummins B series engines are widely used throughout the world, and they satisfy European emission regulations. In addition, the EGR system was done away with to improve energy efficiency and reliability of the exhaust gas reduction system to a large extent. DPF is newly added in addition to the existing DOC and SCR.



 110/130D-9V
 160D-9V

 Model / CC
 B4.5/4,460cc
 B6.7/6,690cc

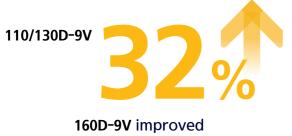
 Rated Power (Kw/rpm)
 123/2,200
 129/2,200

 Max torque (kg-m/rpm)
 77.9/1,200
 114.3/1,100

Innovative reduction of operating expenses

Fuel efficiency is dramatically improved by using an optimized engine, removing the EGR system, and applying a load sensing system.

- Fuel consumption rate (fuel efficiency) : 32% 11/13tons
 Fuel consumption rate (fuel efficiency) : 12% 16tons
- * Urea consumption increases as the EGR has been removed. (Urea tank capacity is increased by 21.6 liters.)



fuel efficiency by 12%

• Fuel economy is based on our internal tests (VDI 2198) and may be different from actual operation.

Upgraded ZF transmission (3WG171)

Responsiveness and shift timing are optimized, and SIL 2 European safety function regulation is satisfied. In addition, the shifting system boasts of increased reliability as a non-contact shifting lever that is not affected by moisture is applied.





Engine output selection button

- ① PWR/STD button STD mode is set to 80% output of PWR mode and can be selected according to the work conditions.
- ② Idle RPM Up/Down button When slowly lifting cargo without stepping on the accelerator pedal, the engine output can be supplemented. (Adjustable by increments of 25 RPM)



The function of locking the back tilt is newly added to prevent the

natural sagging of the mast.

Added the back tilt lock function to the mast New

 \ast The natural sagging function of the mast front tilt is maintained.





ENVIROMENT FRIENDLY GREAT PRODUCTIVITY, DURABILITY



An eco-friendly engine ensures both cost-effectiveness and work efficiency!

Check out the flawless performance of 110/130/160D-9V only.

Wide work sight of the 3-stage mast-TS mast Option

Usually, the 3-stage mast causes some inconvenience in securing a clear front view due to the primary cylinder in the center. The 3-stage TS mast provides wider work sight by placing the primary cylinder on the left and right sides.



Password – Start limit

A password can be set to prevent unauthorized driving by an outsider and theft of the forklift. If the password is set, the engine cannot be started without the password. (Up to ten passwords can be set.)



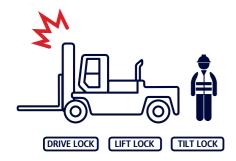
Auto-parking brake

When the engine stops or OPSS starts, the parking brake is automatically activated to prevent human errors. If the driver needs to use the parking brake while the engine is running, driver can apply/release the brake using a dedicated button.



OPSS system

The OPSS restricts driving, lifting, and tilting when the operator leaves the driver's seat in order to prevent safety accidents.



Additional options for safety

- Auto-tilting-Automatically maintaining the level of the fork and the ground
- Seatbelt interlock-Forcing the wearing of seat belt to prevent secondary accidents



Speed limit

The maximum driving speed can be set to prevent safety accidents caused by exceeding the speed limit. Even though the maximum driving speed is set, hill-climbing ability and mast working performance are maintained at the highest level.



Large side mirror with hot wires Option

A large side mirror is installed on the front wheel fender to secure a wider rear view. In addition, heat wires were inserted into the side mirror to cope with rain or snow.



ENHANCED SAFETY

SAFETY

Safety at the logistics site is most important, safety is supported by complete reliability

Displaying the road slope (STD) and steering angle display in real time **Option**

The road slope is sensed and displayed in real time. When the set value is exceeded, the symbol turns red, and a warning buzzer sounds. In addition, the steering tire position is displayed in real time.





Deluxe next-generation cabin

 The next-generation cabin, which has improved driving convenience and serviceability by listening to customers' voices, provides consistent convenience in any condition.

Noise in the driver's seat

Reduced noise dramatically by optimizing engine capacity, reducing cooling fan RPM (9 to 25%), and complementing the cabin structure.

• 11/13 tons: 5.9 dB reduction (70.4 dB) • 16 tons: 4.9 dB reduction (68.6 dB)



Air suspension & swivel seat Option

Air suspension that provides optimal riding comfort. The "air suspension & swivel seat" is provided as an option, which improved reverse driving and convenience of getting on/ off as the seat can be rotated 20 degrees to the right and 10 degrees to the left.

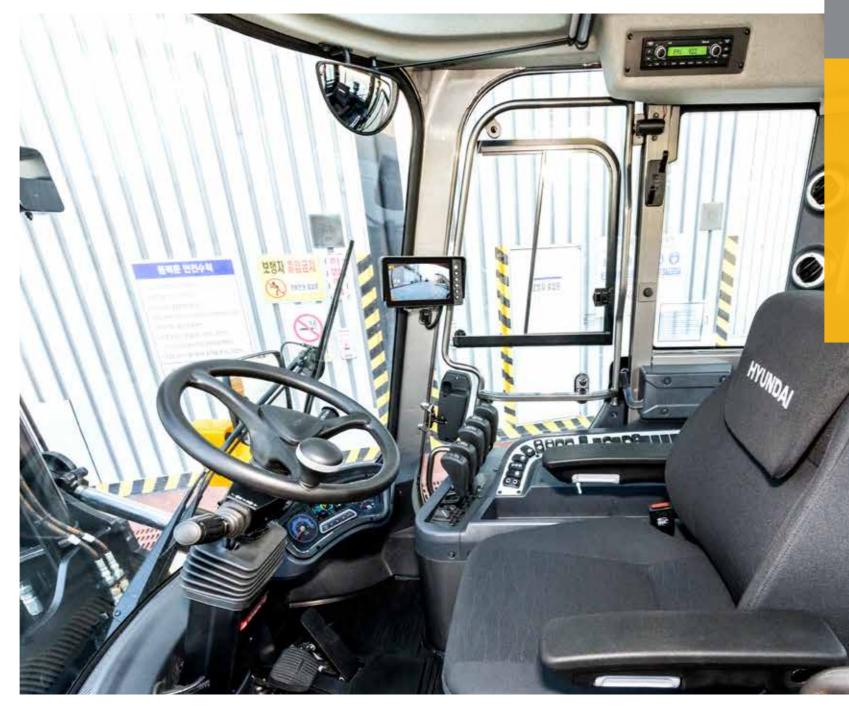
* Basic specification: Full-suspension Grammer seat



Multi-functional digital display

A multi-functional cluster that delivers essential information in colored images and which is equipped with various features such as function setting and malfunction diagnosis of major parts.





Easy-to-use steering handle

The problem of heavy handle when handling abruptly is improved, as the handle can be adjusted up and down by 80mm and front and back by 40 degrees. In addition, the work convenience of the driver is improved by reducing the handle diameter by 35mm.



High operability fingertip system Option

The fine controllability of the new fingertip system is improved by changing MCV control to dither control. The system provides fast response within 0.1 seconds as well as the same controllability regardless of ambient temperature.



OUTSTANDING OPERABILITY ERGONOMICS

CONVENIENCE

Increasing work efficiency to the next level with consistent convenience in any condition

Inching pedal and brake pedal that are easy to operate, efficiently placed air vent

Fatigue accumulated in the legs is reduced by changing the brake pedal and inching pedal to a hanging type. The air conditioning effect is improved by installing two air vents above the pedal.



Highlights of the next-generation cabin

Front sight

- Applied single curved glass, removing distortion of vision in corners
- \bullet Double-arm large wiper-Removing water from a wider area
- 7-inch monitor for the rear camera only



Rear sight and air vents

- Applied flat glass without distortion of view
- Applied single-arm wiper as a standard
- Air vent (left and right symmetrical) that controls the air volume in four directions



Upper window / sun visor

- Applied single-arm wiper as a standard
- Ceiling interior materials with high insulation effect
- A sun visor that can control the position in three phases and which is made of materials that reflect the direct rays of the sun





Protecting the glass and field of view on the left / right

- Minimizing blind spots in the field of view
- Whole glass structure that has no filler in the middle of the door / Increased glass area
- Preventing direct collision with glass when moving objects in the cabin



Console - improved accessibility

- Placed switches in one row (in order of use frequency)
- Applied the 12V power port (2ea)
- Placed the air conditioning control dial near the headliner





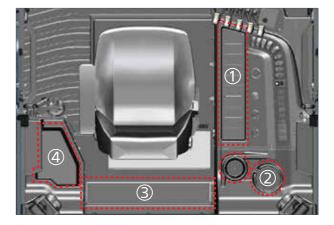
Optimal air conditioning – multiple air vents

- Upper side of the cabin : 2 left and right C pillars each (4 in all)
- Dashboard : 2ea on the top of the pedal
- Removing windshield moisture : 3 ea on the front of the dashboard



4 storage spaces separated by use

- ① Mobile device
- ② Beverage bottle/can
- ③ Driving accessories
- ④ Sub-space



Wide maintenance space

The cabin can be tilted up to 52 degrees, enabling easy access to the powertrain, hydraulic, and electrical system of the forklift. The cooling system and engine consumables can be easily managed by opening the cover of the wing-type engine room.

Self-diagnosis of engine and consumables management

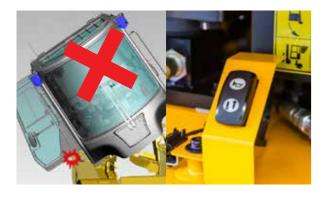
The failure details and history can be checked on the cluster screen. In addition, when the replacement cycle of any consumables is entered into the cluster, parts whose replacement is due are displayed on the monitor.

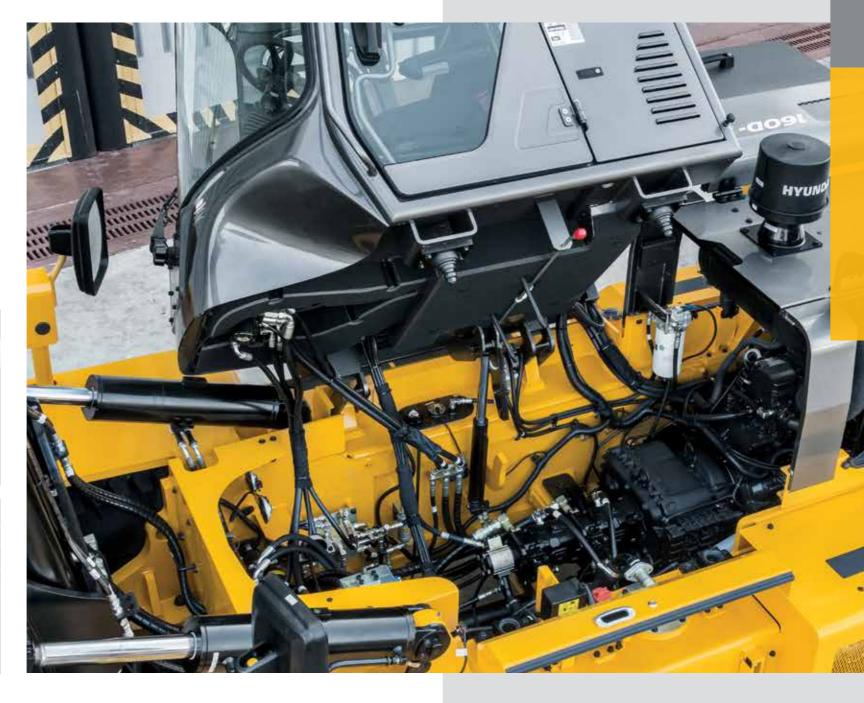
24	Current failure history							
*	Engine							
٤T	Transmission Air conditioner							
¥	Finger tip							

-	Maintena	ance Managem	ient
≎ % ¥	교환주기	경과시간	뒷수
and the second	250	100	0
\$T	Hydraulic Tank A	ir Breather Element	
Contraction of the second	Engine Oil		۲
	Air Cleaner Elem	ent	
-	Engine Oil Filter		۲

No tilting when the door is opened & cabin tilting switch

If the right door is open, damage to the door is prevented by prohibiting cabin tilting. The cabin can be opened and closed both automatically or manually.





Tankless-type compressor

Unlike the tank-type compressor that should be refilled, the tankless-type compressor can use compressed air for a long time at constant pressure.



Management of exhaust gas after-treatment device

DPF and SCR are automatically regenerated by engine load. DPF can be easily removed by disassembling the band only. * When CK-4 grade engine oil is applied, DPF cleaning at an interval

of 5,000 hours is not required.



EASY SERVICE

MAINTENANCE

Easy maintenance and cost-effective after-sales service Even though the work is finished, the satisfaction continues

Hi-MATE Option

Forklift operation and status, safety, and human resources can be remotely managed using the on-site management solution Hi-MATE. The accumulated data can be used for devising a forklift operation plan.



HimATE

Hi-MATE, a solution for field control based on data

Data collected at the sensors and modules mounted on equipment during the operation of forklift truck at the operation control system of Hyundai Industrial Vehicle is provided to the mobile device or computer of the customer in real time through the server of Hyundai Construction Equipment. Such visual data can be used for establishing a control plan for safety control in fields, productivity improvement, and cost saving.



equipment on-site, and operation information

- Key-on time, travel hours, work hours, and traveling position

linked with operation hours, establishing a follow-up management plan - Indicating fuel remainder, failure information - Indicating consumable exchange timing,

service timing



Safe traveling control

of safety accident caused by collision between the field system and forklift truck during operation - Count of collision, size of impact

Human resource

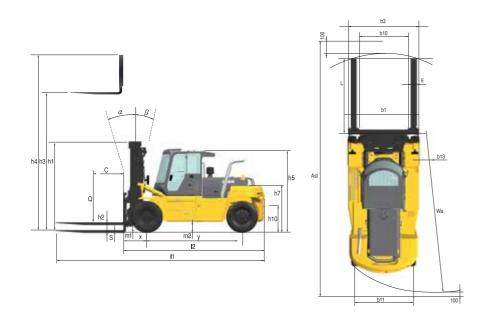
management

* Supplying information of the forklift truck * Checking and follow-up management * Checking and follow-up management such as matching between selfdiagnosis and equipment conditions before operation

> - Driver authorization, self-diagnosis of equipment conditions



Dimension

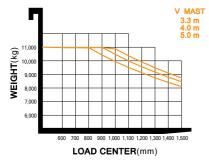


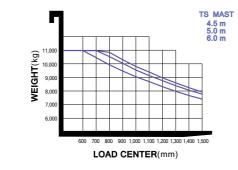
Specification

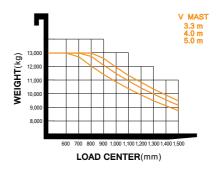
Iden	tification				
1.1	Manufacturer (Abbreviation)			Hyundai	
1.2	Manufacturer's Type Designation		110D-9V	130D-9V	160D-9V
1.3	Drive : Electric (Battery Or Mains), Diesel, Petrol, Fuel Gas		DIESEL	DIESEL	DIESEL
1.4	Type Of Operation: Hand, Pedestrian, Standing, Seated,		Seated	Seated	Seated
1.5	Order-Picker Load Capacity / Rated Load	kg	11,000	13,000	16,000
1.6	Load Center Distance	C mm	600	600	600
1.8	Load Distance, Center Of Drive Axle To Fork	X mm	750	770	815
1.9	Wheelbase	y mm	3,050	3,050	3,450
Weig		,	5,050	3,030	5, 150
2.1	Service Weight	Kg	16,337	17,105	20,499
2.2	Axle Loading, Loaded Front/Rear	Kg	24,051/3,286	26.981/3.124	32,479/4,020
2.3	Axle Loading, Unloaded Front/Rear	kg	8,182/8,155	8,142/8,963	9,916/10,583
Whe	els, Chassis				
3.1	Tires : Solid Rubber, Superelastic, Pneumatic, Polyurethan	e	Pneumatic	Pneumatic	Pneumatic
3.2	Tire Size, Front		10.00-20-16PR	10.00-20-16PR	12.00-20-18PR
3.3	Tire Size, Rear		10.00-20-16PR	10.00-20-16PR	12.00-20-18PR
3.5	Wheels, Number Front / Rear (X = Driven Wheels)		4X2	4X2	4x2
3.6	Tread, Front	mm	1,842	1,842	1,842
3.7	Tread, Rear	mm	1,910	1,910	1,958
	c Dimensions			<u> </u>	
4.1	Tilt Of Mast/Fork Carriage Forward/Backrward	Degrees	15/12	15/12	15/12
4.2	Height, Mast Lowered	mm	3,150	3,150	3,400
4.3	Free Lift	mm	0	0	0
4.4	Lift Height	mm	3,305	3,305	3,300
4.5	Height, Mast Extended	mm	4,765	4,765	5,010
4.7	Height Of Overhead Guard (Cabin)	mm	2,955	2,955	2,990
4.8	Seat Height / Stand Height Rel. To Sip	mm	1,825	1,825	1,825
4.12	Coupling Height	mm	629	626	665
4.19	Overall Length	mm	5,920	5,930	6,430.5
4.20	Length To Face Of Forks	mm	4,570	4,580	5,080.5
4.21	Overall Width	mm	2,450	2,450	2,497
4.22	Fork Dimensions	mm	75X200X1,350	85x200x1,350	90x200x1,350
4.23	Fork Carriage Iso 2328, Class / Type A, B		Pin Mount	Pin Mount	Pin Mount
4.24	Fork-Carriage Width	mm	2,362	2,362	2,497
4.31	Ground Clearance, Below Mast, Loaded	mm	250	250	250
4.32	Ground Clearance, Center Of Wheelbase	mm	319	316	355.5
1.34.1	Aisle Width For Pallets 1000 X 1200 Crossways	mm	6,660	6,660	7,280
1.34.2	Aisle Width For Pallets 800 X 1200 Lengthways	mm	6,660	6,660	7,280
4.35	Turning Radius	mm	4,350	4,350	4,895
4.36	Smallest Pivot Point Distance	mm	1,634	1,634	1,865
Perf	ormance Data				
5.1	Travel Speed, Loaded / Unloaded	Km/h	33.2/35.9	32.7/35.8	30.5/34.2
5.2	Lift Speed, Loaded / Unloaded	mm/s	480/500	480/500	390/420
5.3	Lowering Speed, Loaded / Unloaded	mm/s	550/500	550/500	550/450
5.6	Max. Drawbar Pull, Loaded / Unloaded	N	121,897/117,062	122,740/116,895	155,230/145,972
5.8	Max. Gradeability, Loaded / Unloaded	%	45.1/27.4	40.5/27.4	42.6/27.7
5.10	Service Brake		Full Hydraulic	Full Hydraulic	Full Hydraulic
Com	bustion-Engine				
7.1	Engine Manufacturer / Type		CUMMINS/B4.5	CUMMINS/B4.5	CUMMINS/B6.7
7.2	Engine Power Acc. To Iso 1585	KW/rpm	123/2,200	123/2,200	129/2,200
7.3	Maximum Torque	Kgf.m/rpm	77.9/1,200	77.9/1,200	114.3/1,100
7.4	No. Of Cylinders / Displacement	EA/cc	4/4,460	4/4,460	6/6,690
7.5	Fuel Consumption Acc. To Vdi Cycle	1	214	214	276
Addi	tion Data				
8.1	Type Of Drive Control		Full auto	Full auto	Full auto
8.2	Operating Pressure, System / Attachments	bar	230	230	230
8.3	Oil Volume For Attachments	LPM	283.5	283.5	283.5
8.5	Trailer Coupling, Type Din		Pin	Pin	Pin

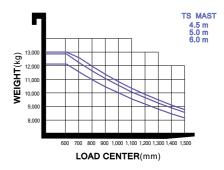
			110	0D-9V					
		Maximum	Overall Height	Free Lift Height	Mas	t Tilt	Load capacity	Truck Weight	
Mast ⁻	Гуре	Fork Height (Lowered)			Fwd	Bwd	600mm LC	(Unloaded)	
		mm	mm	mm	deg	deg	kg	kg	
	V300	3,005	3,000	0	15	12	11,000	16,261	
	* V330	3,305	3,150	0	15	12	11,000	16,337	
	V350	3,505	3,250	0	15	12	11,000	16,387	
	V400	4,005 3,550		0	15	12	11,000	16,639	
2 Stage	V450	4,505	4,505 3,800		15	12	11,000	16,764	
Limited Free Lift	V500	5,005	4,100	0	15	12	11,000	16,914	
	V550	5,505	4,350	0	15	12	11,000	17,144	
	V600	6,005	4,650	0	15	12	11,000	17,296	
	V650	6,505	4,900	0	15 12		11,000	17,429	
	V700	7,005	5,150	0	15 12		10,820	17,560	
	TS450	4,521	2,950	1,555	10	10	11,000	17,391	
	TS500	5,025	3,117	1,725	10	10	11,000	17,482	
	TS550	5,525	3,284	1,891	10	10	11,000	17,574	
3 Stage Full	TS600	6,023	3,551	2,055	10	10	11,000	17,720	
Free Lift	TS650	6,525	3,718	2,223	10	10	10,720	17,812	
	TS700	7,025	3,935	2,389	10	10	10,380	18,052	
	TS750	7,525	4,102	2,555	10	10	10,080	18,145	

	130D-9V									
		Maximum	Overall Height	Free Lift Height	Mas	t Tilt	Load capacity	Truck Weight		
Mast T	Mast Type		Fork Height (Lowered)		Fwd Bwd		600mm LC	(Unloaded)		
		mm	mm	mm	deg deg		kg	kg		
	V300	3,005	3,000	0	15	12	13,000	17,029		
	* V330	3,305	3,150	0	15	12	13,000	17,105		
	V350	3,505	3,250	0	15	12	13,000	17,154		
	V400	4,005	3,550	0	15	12	13,000	17,407		
2 Stage	V450	4,505	3,800	0	15	12	13,000	17,532		
Limited Free Lift	V500	5,005	4,100	0	15	12	13,000	17,681		
	V550	5,505	4,350	0	15	12	13,000	17,912		
	V600	6,005	4,650	0	15	12	12,610	18,064		
	V650	6,505	4,900	0	15	12	12,250	18,197		
	V700	7,005	5,150	0	15	12	11,900	18,328		
	TS450	4,521	2,950	1,555	10	10	13,000	18,223		
	TS500	5,025	3,117	1,725	10	10	12,860	18,314		
3 Stage	TS550	5,525	3,284	1,891	10	10	12,480	18,406		
Full	TS600	6,023	3,551	2,055	10	10	12,100	18,552		
Free Lift	TS650	6,525	3,718	2,223	10	10	11,750	18,644		
	TS700	7,025	3,935	2,389	10	10	11,380	18,884		
	TS750	7,525	4,102	2,555	10	10	11,060	18,977		

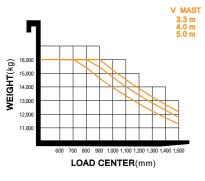


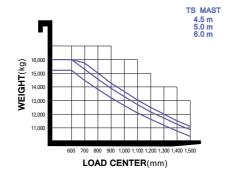






160D-9V									
		Maximum Fork Height	Overall Height (Lowered)	Free Lift Height	Mas	t Tilt	Load capacity	Truck Weigh (Unloaded)	
Mast 1	lype	ronkneight	(Lower ed)		Fwd Bwd		600mm LC	(Unioaueu)	
		mm	mm mm		deg	deg	kg	kg	
	V300	3,010	3,250	0	15	12	16,000	20,404	
	* V330	3,310	3,400	0	15	12	16,000	20,499	
	V350	3,510	3,500	0	15	12	16,000	20,543	
	V400	4,010	3,750	0	15	12	16,000	20,831	
2 Stage	V450	4,510	4,000	0	15	12	16,000	20,985	
Limited Free Lift	V500	5,010	4,300	0	15	12	16,000	21,168	
	V550	5,510	4,550	0	15	12	16,000	21,436	
	V600	6,010	4,850	0	15	12	16,000	21,619	
	V650	6,510	5,125	0	15	12	15,700	21,785	
	V700	7,010	5,375	0	15	12	15,270	21,936	
	VS300	3,010	3,200	1,550	10	10	16,000	20,433	
	VS330	3,310	3,350	1,700	10	10	16,000	20,513	
	VS350	3,510	3,450	1,800	10	10	16,000	20,577	
2 Stage	VS400	4,010	3,700	2,050	10 10		16,000	20,741	
Full Free Lift	VS450	4,510	3,950	2,300	10 10		16,000	20,996	
	VS500	5,010	4,250	2,550	10	10	16,000	21,194	
	VS550	5,510	4,500	2,800	10	10	16,000	21,388	
	VS600	6,010	4,800	3,050	10	10	16,000	21,649	
	TS450	4,516	2,950	1,500	10	10	16,000	21,508	
	TS500	5,017	3,167	1,667	10	10	16,000	21,708	
2 644	TS550	5,515	3,333	1,833	10	10	15,680	21,856	
3 Stage Full	TS600	6,016	3,550	2,000	10	10	15,220	22,053	
Free Lift	TS650	6,517	3,717	2,167	10	10	14,800	22,211	
	TS700	7,015	3,933	2,333	10	10	14,360	22,523	
	TS750	7,515	4,100	2,501	10	10	13,960	22,686	





Standard & Option

		Description	110D-9V	130D-9V	160D-9V			Description	110D-9V	130D-9V	160D-9V
	Cabin	New Cabin	•	•	•	ш		Pneumatic Tires	•	•	•
	Cabin	Wiper for Top window	0	0	0	TIRE	Tires	Tire Options - Solid Tires	0	0	0
	A/C	A/C & Heater	•	•	•		Lamp	Working Lamp - Front & Rear LED	•	•	
OPERATION ROOM		Long Back Seat - Full Suspension	•	•	•		Lamp		•	•	•
	Cont	Seat Options - Air suspension & Swivel seat, Leather Seat	0	0	0	VISIBILITY	Mirror	L/H & R/H Back Mirror & Panorama Mirror	•	•	•
	Seat	Seat Accessories				VISI		Heated L/H & R/H Back Mirror	0	0	0
OPER/		- Orange belt, Arm rest, Buckle switch, Heat	0	0	0		Camera	Rear Camera	•	•	•
	Lever	Lever - General	•	•	•			Auto Tilt	0	0	0
		Finger Tip	0	0	0			Load Sensor	•	•	•
	etc.	Bluetooth Radio	•	•	•	ICE					
		Extinguisher	0	0	0	CONVENIENCE	-	Load Sensor & Angle Sensor	0	0	0
		Standard Mast	V400	V400	V400	CON		Accumulator	0	0	0
	Mast	2 stage Mast	0	0	0			Auto Grease	0	0	0
		3 stage Mast	0	0	0			Unidirectional Fan	•	•	•
		Standard Fork	2,440mm	2,440mm	2,440mm			Seat Belt interklock	0	0	0
ENT	Fork	Fork Options - 1,200mm~2,600mm Fork	0	0	0						
ACHIV		Lumber Fork	0	0	0	SAFETY	-	Hazard Switch	0	0	0
MAST & ATTACHMENT		Shaft(pin) Type Carriage	•	•	•	SA		LED Beacon Lamp	0	0	0
MAST	Carriage	Carriage Options - Sliding, Sliding&Holder, Simplet type	0	0	0			Wheel Bolt Protector	0	0	0
		Intergral Side Shift	0	0	0			Air Compressor	0	0	0
	Attachment	Fork Positioner – Independent, Synchronized	0	0	0			Under Cover	0	0	0
		Side Shift & Positioner – Independent, Synchronized	0	0	0	OTHERS	_	Oil - VG46	•	•	•
U		4 Spool MCV + attached piping for V400 Mast	•	•	•	OTH		Oil Options - VG32 for Tropical, VG15 for Cold Area	0	0	0
HYDARULIC	MCV & Hoses	MCV Options - 5 Spool	0	0	0			Hi-MATE (General)	0	0	0
Ŧ	10363	Attached Piping for All MCVs & Masts	0	0	0			Hi-MATE (Premium)	0	0	0

● STD / O OPT