

North America only

HYUNDAI LPG FORKLIFT TRUCKS Applied Tier 4 Engine

35/40/45/50L-7A







The new master on the job-site!

Smooth running, efficient and ergonomically designed, 35/40/45/50L-7A series are made to meet your needs.



Market approved quality of GM 4.3L V6 engine ensures incomparable performance, durability and additional value to the machine. Powerful and efficient engine provides excellent fuel economy and excellent torque for improved operation. (EPA/CARB Tier-IV Certified)

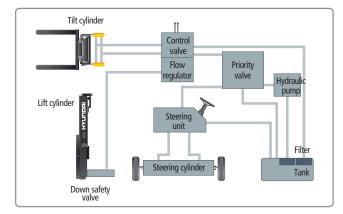
Fast and Stable Performance

Being able to quickly raise and lower the mast, as well as tilt it forward and backward, provides the best operational conditions during unloading. When the truck is fully loaded, mast lowering speed is carefully controlled to ensure safety by the down control valve .

Mast(Lift and Tilt) Look System is standard.







State-of-the-art Hydraulic System

The latest large-capacity hydraulic system reacts quickly during operation, and a low-noise control valve increases both efficiency and durability.



Fully Hydrostatic Power Steering

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





Increased Mast Tilting Angle

Utilizing the mast tilting angle of 8 degrees forward and 10 degrees backward, the operator can safely and rapidly perform loading and unloading jobs.

Faster Travel Speed & Better Gradability

The powerful high-output engine provides greater acceleration, better gradability and faster travel speed on any tough terrains or slopes.



Gradability(Loaded)

35L-7A: 40.5% 45L-7A: 31.6% 40L-7A: 36.2% 50L-7A: 28.7%

Travel Speed(Unloaded)

35L-7A: 14.8 mph 40L-7A: 14.2 mph 45L-7A: 14.2 mph 50L-7A: 14.2 mph

Ergonomic operator friendly compartment design!

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

Operator Friendly Gauges and Waterresistant Monitor Panel



- Parking brake lamp
- @ Turn lamp
- © Engine oil warning lamp
- Transmission oil temperature warning lamp
- Battery charging warning lamp
- (a) Air cleaner filter warning light
- Working light indicator
- (3) Seat belt warning Water temperature gauge
- **OPS** warning (option)
- M Hour meter
- Engine check lamp



Full Suspension Seat

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



New High Visibility for Safe Operation

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



Ergonomically Positioned Pedals

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



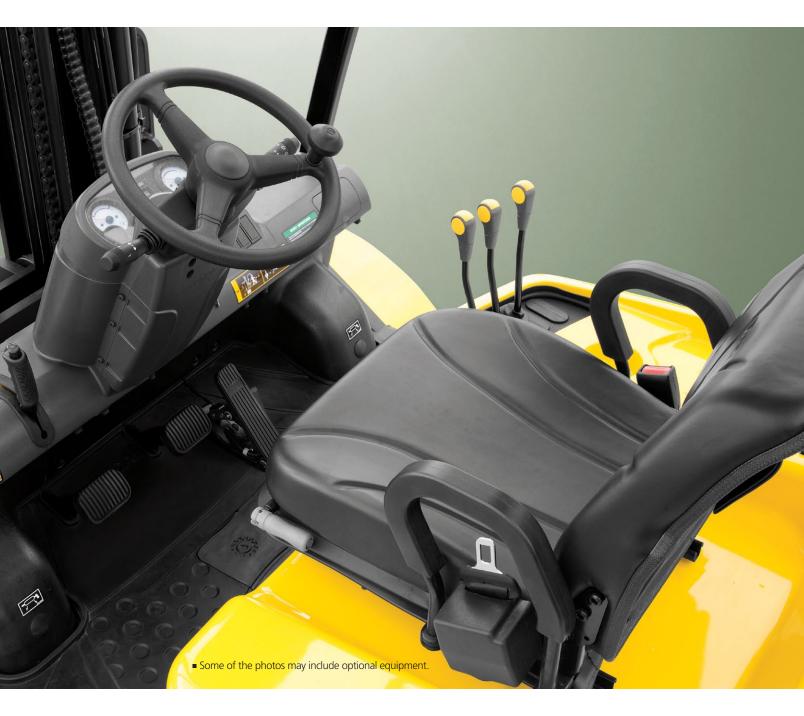
Cup Holder & Console Box

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



Quick Response of Operating Control Levers

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





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.



Easy and Safe Shift LeverA single lever on the left side of the steering column gives the operator fast, easy control of direction. The lever must be in the neutral position before the engine can be started.



Secondary Horn

Secondary Horn gives access to lights and horn.

Danger-free through high durability!

Safety and durability are priorities in design of the equipment.



Strong Overhead Guard

The safety overhead guard meets ISO 6055 regulation and protects the operator during hazardous jobs.



Parking brake

Ratchet type parking brake requires less effort the operator to set.





Highly Durable Split type Drive Axle

The planetary reduction drive axle smoothly delivers desired torque to the drive wheels.









Large Footboard & Hand Grip

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



Expansion Bellows

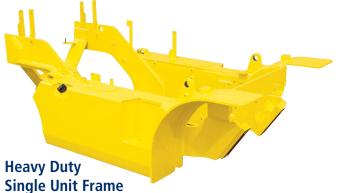
The expansion bellows absorbs vibration and reduces noise generated from the exhaust system and also extends the life cycle of exhaust system.



Electrically Monitored Air Filter

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



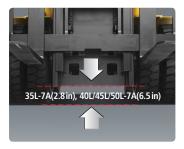


Heavy duty single unit type frame, designed on the basis of accurate structural analysis, guarantees durability and safety.



Bright, Protected Headlights

Bright, Protected head lights are positioned for exceptional visibility.



Ground Clearance

The engine and transmission are assembled horizontally and positioned high in the frame to protect major components during operation on rugged surface.

Designed for quick and easy service!

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



Easy Change Air Cleaner

The air filter is readily accessible for cleaning or replacement. (6inch Cyclone Type)



Fast Service Access for Daily Fluids Check





Maintenance Free Battery



Aluminum Radiator with Superb Protection Against heat



Removable Side Panels for Ease of Service



Easy access of electrical Components

Various electric parts are centralized in dash board resulting in improvement in maintenace.



Easy Maintenance Oil Check

The T/M oil level can be checked easily without any disassembly.



Brake Fluid Reservoir

Highly visible, easily accessible reservoir makes for quicker daily inspections.



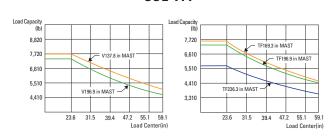
An Accessible, Compact Fuse Box for Easy Inspection

Mast Specification

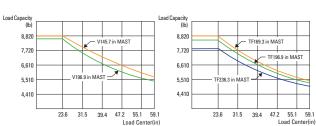
M	act	Maximum Fork Height		Overall Height Lowered (in)		Free Lift Height (in)				Tilt Angle (dea)	Load Capacity without side shift at 24 in LC (lb)							Load Capacity with side shift at 24 in LC (lb)							Truck Weight (Unloaded) (lb)									
	Туре		(in)		Single Tire Double Tire		With Backrest		Without Backrest		Single Tire			Double Tire			Single Tire				Double Tire				Single Tire			Double Tire						
Í			50L-7A	35L/40L 45L/50L-7A	351/40L 451/501-7A	35L/40L 45L-7A	50L-7A	35L/40L 45L-7A	50L-7A	Fwd/Bwd	35L-7A	40L-7A	45L-7A	50L-7A	35L-7A	40L-7A	45L-7A	50L-7A	35L-7A	40L-7A	45L-7A	50L-7A	35L-7A	40L-7A	45L-7A	50L-7A	35L-7A	40L-7A	45L-7A	50L-7A	35L-7A	40L-7A	45L-7A	50L-7A
2-Stage Limited	V270	107.1	103.5	82.1	81.5	4.7	4.7	4.7	4.7	8/10	7,700	8,800	9,900	11,000	7700	8,800	9,900	11,000	7,700	8,800	9,900	11,000	7,700	8,800	9,900	11,000	12,239	13,259	14,168	15,193	12,580	13,493	14,408	15,440
	*V300	118.9	115.4	88.0	87.4	4.7	4.7	4.7	4.7	8/10	7,700	8,800	9,900	11,000	7700	8,800	9,900	11,000	7,700	8,800	9,900	10,890	7,700	8,800	9,900	10,890	12,305	13,325	14,234	15,248	12,646	13,559	14,474	15,495
	V330	130.7	127.2	93.9	93.3	4.7	4.7	4.7	4.7	8/10	7,700	8,800	9,900	11,000	7700	8,800	9,900	11,000	7,700	8,800	9,790	10,670	7,700	8,800	9,790	10,670	12,388	13,409	14,318	15,303	12,729	13,642	14,557	15,550
	V350	138.6	135.0	99.8	99.2	4.7	4.7	4.7	4.7	8/10	7,700	8,800	9,900	11,000	7700	8,800	9,900	11,000	7,590	8,690	9,680	10,560	7,590	8,690	9,680	10,560	12,439	13,460	14,368	15,358	12,780	13,693	14,608	15,605
Free Lift	V370	146.5	142.9	103.7	103.1	4.7	4.7	4.7	4.7	8/10	7,700	8,800	9,900	11,000	7700	8,800	9,900	11,000	7,480	8,580	9,570	10,450	7,480	8,580	9,460	10,450	12,483	13,504	14,412	15,396	12,824	13,737	14,652	15,640
	V400	158.3	154.7	112.0	111.4	4.7	4.7	4.7	4.7	8/10	7,700	8,800	9,900	10,780	7700	8,800	9,900	11,000	7,370	8,360	9,350	10,230	7,370	8,360	9,350	10,230	12,577	13,598	14,507	15,473	12,916	13,831	14,744	15,719
	V450	_	174.4		121.3	4.7	4.7	4.7	4.7	8/6	7,590	8,580	9,570	10,450	7590	8,690	9,570	10,560	7,150	8,140	9,020	9,790	7,150	8,140	9,020	9,900	12,824	13,845	14,753	15,699	13,165	14,078	14,993	15,946
	V500	197.6	194.1	131.7	131.1	4.7	4.7	4.7	4.7	8/6	7,370	8,250	9,350	10,120	7370	8,470	9,350	10,230	6,930	7,810	8,800	9,460	6,930	7,920	8,690	9,570	12,936	13,957	14,865	15,792	13,277	14,190	15,105	16,038
2-Stage	VF280	110.4	106.2	84.1	83.5	49.5	35.6	36.2	48.1	6/8	7,700	8,800	9,900	11,000	7700	8,800	9,900	11,000	7,700	8,800	9,900	11,000	7,700	8,800	9,900	11,000	12,329	13,350	14,247	15,233	12,663	13,576	14,487	15,479
full	VF300	118.3	114.1	88.0	87.4	53.5	39.6	40.1	52.1	6/8	7,700	8,800	9,900	11,000	7700	8,800	9,900	11,000	7,700	8,800	9,900	10,890	7,700	8,800	9,900	10,890	12,386	13,407	14,304	15,288	12,720	13,633	14,544	15,534
Free Lift	VF315	124.2	120.0	91.5	90.9	57.0	43.1	43.7	55.6	6/8	7,700	8,800	9,900	11,000	7700	8,800	9,900	11,000	7,590	8,800	9,900	10,780	7,700	8,800	9,790	10,780	12,430	13,451	14,346	15,327	12,764	13,675	14,586	15,574
3-Stage	TF370	146.9	144.6	80.1	79.5	32.4	31.8	45.2	42.3	6/6	7,700	8,800	9,900	11,000	7700	8,800	9,900	11,000	7,260	8,470	9,350	10,340	7,370	8,470	9,350	10,230	12,804	13,825	14,733	15,638	13,145	13,981	14,978	15,866
	TF400	158.7	156.4	84.1	83.5	36.3	35.7	49.2	46.2	6/6	7,590	8,800	9,790	10,780	7700	8,800	9,790	10,780	7,150	8,250	9,240	10,120	7,260	8,250	9,130	10,120	12,870	13,891	14,799	15,695	13,211	14,047	15,044	15,924
	TF430	170.5	168.2	88.0	87.4	40.2	39.6	53.1	50.2	8/8	7,480	8,580	9,570	10,560	7590	8,690	9,570	10,560	6,930	8,140	9,020	9,900	7,040	8,140	9,020	9,900	12,938	13,959	14,868	15,750	13,279	14,115	15,112	15,979
	TF450	177.6	175.3	90.4	90.2	42.6	42.0	55.5	52.5	6/6	7,370	8,580	9,460	10,450	7480	8,690	9,460	10,450	6,930	8,140	8,910	9,790	7,040	8,140	8,910	9,790	12,980	14,001	14,909	15,787	13,321	14,157	15,154	16,014
Full	TF470	185.8	183.5	93.9	94.1	46.1	45.5	59.0	56.1	6/6	7,260	8,470	9,350	10,230	7370	8,580	9,350	10,340	6,820	7,920	8,800	9,680	6,930	8,030	8,800	9,680	13,059	14,080	14,989	15,838	13,400	14,236	15,235	16,067
Free Lift	TF500	197.6	195.4	97.8	97.2	50.1	49.5	63.0	60.0	6/6	7,150	8,250	9,240	10,120	7260	8,250	9,240	10,120	6,710	7,700	8,580	9,570	6,820	7,810	8,580	9,570	13,112	14,131	15,039	15,893	13,451	14,287	15,286	16,122
	TF550	217.3	215.0	104.9	104.3	57.2	56.6	70.0	67.1	6/6	6,820	7,920	8,910	9,790	7040	8,030	8,910	9,900	6,050	7,370	8,030	9,240	6,600	7,590	8,360	9,240	13,246	14,267	15,176	16,007	13,585	14,421	15,420	16,236
	TF600	237.4	235.1	112.0	111.4	64.3	63.6	77.1	74.2	6/6	5,720	6,710	8,580	9,130	6820	7,700	8,580	9,570	5,390	6,380	6,820	8,690	6,380	7,260	8,030	9,020	13,396	14,417	15,325	16,097	13,737	14,573	15,569	16,324
	TF650	257.1	255.2	119.1	118.5	71.3	70.7	84.2	81.3	6/6	5,500	6,380	8,250	8,910	6600	7,370	8,250	9,350	5,170	6,050	6,600	8,470	6,160	6,930	7,810	8,800	13,488	14,509	15,418	16,188	13,827	14,663	15,662	16,416
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Load Capacity

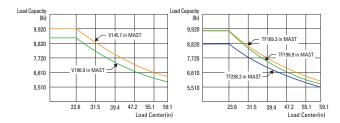
35L-7A



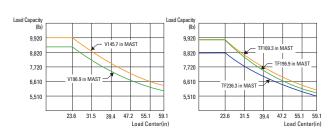
40L-7A



45L-7A



50L-7A



Optional Items

- CABIN
- SIDE SHIFT
- INTEGRAL SHAFT TYPE CARRIAGE(4.0 / 4.5TON)
- FORK (LxWxT)(in) 35L/40L-7A

48.0 x 4.8 x 2.0 53.9 x 4.8 x 2.0 59.8 x 4.8 x 2.0 65.7 x 4.8 x 2.0 71.7 x 4.8 x 2.0 77.6 x 4.8 x 2.0

45L/50L-7A

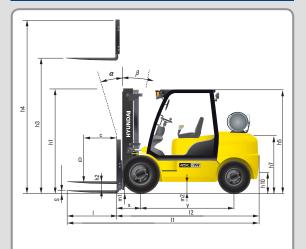
42.1 x 5.9 x 2.0 53.9 x 5.9 x 2.0 59.8 x 5.9 x 2.0 65.7 x 5.9 x 2.0 71.7 x 5.9 x 2.0 77.6 x 5.9 x 2.0

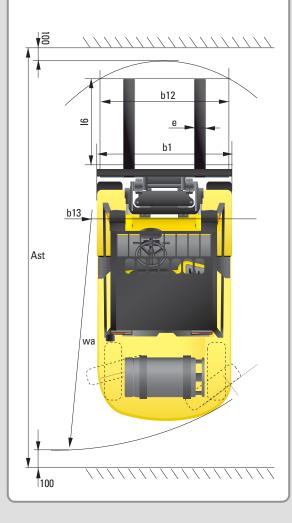
- OPPS (Travel / Travel + mast)
- OVER SHOE: 71 in, 79 in, 87 in
- TILTING: 8/6°, 8/8°
- TIRE : Cushion, No-marking, Double • SEAT : Pocket, Arm Rest, Hip Rest

- LPG CLAMP: Swing Out
- M.C.V: 4-Spool
- ATTACH PIPING: 3 Spool-piping, 4 Spool-piping
- MASTER SWITCH
- BEACON LAMP
- HAZARD SWITCH
- BRAKE PEDAL

Hydraulic Booster (w/o Accumulator)

Dimension





Specification

Manufacturer Hyundai Manufacturer's type designation 35L-7A 40L-7A 55L-7A 1.3 Drive effective (battery or mains), diesel petrol fuel gas, manual P P P P P P P P P	
1.2 Manufacturer's type designation 351-7A 401-7A 451-7A 1.3 Drive electric (Battery or mains), diesel epetrol, fuel gas, manual P P P P 1.4 Type of operation-hand, pedestrian, standing-seated, order picker seated seated seated 1.5 Load caparity / rated load Q (b) 7,720 8,820 9,920 1.6 Load center distance C (nr) 24 24 24 24 1.8 Load distance, center of drive axie to fork x (nr) 22.1 78.7 78.7 78.7 1.9 Wheebase y (nr) 78.7 78.7 78.7 78.7 1.9 Wheebase y (nr) 78.7 78.7 78.7 78.7 2.1 Senice weight B 12,330 13,590 14,500 22,516 22.2 Axie loading, loaded front/tear B 18,000 / 2,040 20,059 / 2360 21,810 / 2,620 2.3 Axie loading, loaded front/tear B 5,810 / 6,520 6,110 / 7,880 6,130 / 8,380 3.1 Tires-social rubber, superplastic, pneumatic, polyurethane Pheumatic Axie	
1.2 Manufacturer's type designation 351-7A 401-7A 451-7A 1.3 Drive electric (Battery or mains), diesel epetrol, fuel gas, manual P P P P 1.4 Type of operation-hand, pedestrian, standing-seated, order picker seated seated seated 1.5 Load caparity / rated load Q (b) 7,720 8,820 9,920 1.6 Load center distance C (nr) 24 24 24 24 1.8 Load distance, center of drive axie to fork x (nr) 22.1 78.7 78.7 78.7 1.9 Wheebase y (nr) 78.7 78.7 78.7 78.7 1.9 Wheebase y (nr) 78.7 78.7 78.7 78.7 2.1 Senice weight B 12,330 13,590 14,500 22,516 22.2 Axie loading, loaded front/tear B 18,000 / 2,040 20,059 / 2360 21,810 / 2,620 2.3 Axie loading, loaded front/tear B 5,810 / 6,520 6,110 / 7,880 6,130 / 8,380 3.1 Tires-social rubber, superplastic, pneumatic, polyurethane Pheumatic Axie	Hyundai
1.3 Drive: electric (battery or mains), diesel, petrol, fuel gas, manual LP LP LP LP LP LP LP L	50L-7A
1.5 Load capacity / rated load Q (b) 7,720 8,820 9,920 1.6 Load center distance C (n) 24 24 24 1.8 Load distance, center of drive axide to fork x (n) 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.2 1.8 1.8 1.2 2.8 2.8 2.8 1.8 1.2 2.8 2.8 2.8 1.8 2.0507(2,80 2.1,8107(2,620 2.1,8107(2,620 2.2 2.8 Axie loading, loaded front/rear lb 5,8107(5,520 6,1107/7,800 6,1307(8,380 Wheels, chassis 3.1 Tires szole, fronty vicith x Ф) 8,25-15-14 7,500-16-12 7,500-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-1	LP
1.6 Load center distance c (in) 24 24 24 1.8 Load distance, center of drive axile to fork x (in) 22.1 22.1 22.1 22.1 1.9 Wheelbase y (in) 78.7 78.7 78.7 Wheelbase 2.1 Service weight Ib 12,330 13,590 14,500 2.2 Axie loading, unloaded front/rear Ib 18,000/2,040 20,050/2,360 21,810/2,620 2.3 Axie loading, unloaded front/rear Ib 5,810/6,520 6,110/1,880 6130/8,380 Wheels, Chassis 3.1 Tires of the original tubber, superplastic, preumatic, polyurethane Pheumatic Pheumatic 7,50-16-12 7	seated
1.8 Load distance, center of drive axie to fork x (in) 22.1 22.1 22.1 22.1 1.9 Wheelbase y (in) 78.7 78.7 78.7 Weights 2.1 Service weight b 18,0001/2,040 20,0501/2,350 21,8101/2,620 2.3 Axie loading, unloaded front/rear b 18,0001/2,040 6,1101/7,480 6,1301/8,380 Wheels, Chassis 3.1 Tires size, frontly width x Ф) 825-15-14 750-16-12 <t< td=""><td>11,020</td></t<>	11,020
Neelbase y (in) 78.7 78.7 78.7 78.7	24
Value Val	22.7
2.1 Service weight lb 12,300 13,590 14,500 2.2 Axie loading, loaded front/rear lb 18,000 / 2,040 20,050 / 2,360 21,810 / 2,620 2.3 Axie loading, unloaded front/rear lb 5,810 / 6,520 6,110 / 7,480 6,130 / 8,380 Wheels, Chassis 3.1 Tires soile, fusiber, superplastic, pneumatic, polyurethane Pneumatic Pneumatic 3.2 Tires size, front(width x Φ) 825-15-14 7,50-16-12 750-16-12 3.3 Tires size, rear(width x Φ) 7,00-12-12 7,00-12-12 7,00-12-12 3.5 Wheels, number front x rear (x=chriven wheels) 2x2 4x2 4x2 3.6 Track width, front b10 (in) 44.6 50.5 50.5 3.7 Track width, rear b11 (in) 44.9 44.9 44.9 4.1 Mast / fork carriage tilt forward / backward(α / β) degrees 8 / 10 8 / 10 8 / 10 4.2 Lowered mast height h1 (in) 88.0 86.6 86.6 <t< td=""><td>78.7</td></t<>	78.7
2.2 Axle loading, loaded front/rear ib 18,000 / 2,040 20,050 / 2,360 21,810 / 2,620 2.3 Axle loading, unloaded front/rear ib 5,810 / 6,520 6,110 / 7,480 6,130 / 8,380 Wheels, Chassis 3.1 Tires size, front(width x Φ) 8,25-15-14 7,50-16-12 7,50-16-12 7,50-16-12 7,50-16-12 7,00-12-12 7,00-12-12 7,00-12-12 7,00-12-12 7,00-12-12 7,00-12-12 7,00-12-12 4x2 1x8 8x6 8x6 8x6 8x6 8x6 8x6 8x6	
2.3 Axle loading, unloaded frontriear 15 5,810 / 6,520 6,110 / 7,480 6,130 / 8,380	15,530
Wheels, Chassis 3.1 Tiressolid rubber, superplastic, pneumatic, polyurethane Pneumatic Pneumatic Pneumatic 3.2 Tires size, front(width x Φ) 8.25-15-14 7.50-16-12 7.50-16-12 7.50-16-12 7.50-16-12 7.00-12-12 4.2 4.2 4.2 4.2 4.2 4.2 9.26	23,620 / 3,020
3.1 Tiressolid rubber, superplastic, pneumatic, polyurethane Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic 3.2 Tires size, front(width x Φ) 8.25-15-14 7.50-16-12 7.50-16-12 7.50-16-12 3.3 Tires size, rear(width x Φ) 7.00-12-12 7.00-12-12 7.00-12-12 7.00-12-12 3.5 Wheels, number front x rear (x=driven wheels) 2 x 2 4 x 2 4 x 2 4 x 2 4 x 2 3.6 Track width, front b10 (in) 44.6 50.5 50.5 50.5 3.7 Track width, rear b11 (in) 44.9 44.0 44.1 Wast/fork carriage tilt forward / backward(α / β) degrees 8 / 10 8 / 10 8 / 10 8 / 10 8 / 10 4.7 4	6,200 / 9,320
3.2 Tires size, front(width x Φ) 8.25-15-14 7.50-16-12 7.50-16-12 3.3 Tires size, rear(width x Φ) 7.00-12-12 7.00-12-12 7.00-12-12 7.00-12-12 3.5 Wheels, number front x rear (x=chriven wheels) 2x2 4x2 4x2 3.6 Track width, front b10 (in) 44.6 50.5 50.5 3.7 Track width, rear b11 (in) 44.9 44.9 44.9 Basic Dimensions 4.1 Mast/fork carriage tilt forward / backward(α / β) degrees 8/10 8/10 8/10 4.2 Lowered mast height h1 (in) 88.0 86.6 86.6 4.2 Lowered mast height h2 (in) 4.7 4.7 4.7 4.4 Lift height h3 (in) 118.9 118.9 118.9 4.5 Extended mast height h4 (in) 166.3 166.3 166.7 4.7 Overhead load guard (cab) height h5 (in) 48.6 / 882/92.1 86.6 / 882/92.1 86.6 / 882/92.1 86.6 / 882/92.1	
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3.5 Wheels, number front x rear (x=driven wheels) 3.6 Track width, front 3.7 Track width, front 3.7 Track width, front 3.7 Track width, front 4.9 44.9 8asic Dimensions 4.1 Mast / fork carriage tilt forward / backward(α / β) 4.2 Lowered mast height 4.3 Free lift 4.4 Lift height 4.5 Extended mast height 4.6 Signal of the search of the	7.50 - 16 - 12
3.6 Track width, front b10 (in) 44.6 50.5 50.5 3.7 Track width, rear b11 (in) 44.9 44.9 44.9 44.9 44.9 44.9 44.9 44.	7.00 - 12 - 14
3.7 Track width, rear b11 (in) 44.9 44.9 44.9	4x2
Basic Dimensions 4.1 Mast/ fork carriage tilt forward / backward(α / β) degrees 8 / 10 8 / 10 8 / 10 4.2 Lowered mast height Int (in) 88.0 86.6 86.6 4.3 Free lift h2 (in) 4.7 4.7 4.7 4.4 Lift height h3 (in) 118.9 118.9 118.9 4.5 Extended mast height h4 (in) 166.3 166.3 166.7 4.7 Overhead load guard (cab) height h5 (in) 86.6/88.2/92.1 86.6	50.5
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4.3 Free lift h2 (in) 4.7 4.7 4.7 4.4 Lift height h3 (in) 118.9 118.9 118.9 4.5 Extended mast height h4 (in) 166.3 166.3 166.7 4.7 Overhead load guard (cab) height h5 (in) 86.6/88.2/92.1 86.6/88.2 82.6 86.5 86.5 86.5 86.5 85.6 85.6 85.6 85.5 85.5 85.5 85.5 85.5 68.5 85.5	8/10
4.4 Lift height h3 (in) 118.9 118.9 118.9 4.5 Extended mast height h4 (in) 166.3 166.3 166.7 4.7 Overhead load guard (cab) height h5 (in) 86.6/88.2/92.1 86.6/88.2/92.1 86.6/88.2/92.1 4.8 Seat height / standing height h7 (in) 43.3 43.3 43.3 4.12 Coupling height h10 (in) 364 364 364 4.19 Overall length 11 (in) 163.0 165.2 173.4 4.20 Length to face of forks 12 (in) 120.9 123.0 125.4 4.21 Overall width b1 (in) 53.9 68.5 68.5 4.22 Fork damises is solved an expression of solved an expres	86.6
4.5 Extended mast height h4 (in) 166.3 166.3 166.7 4.7 Overhead load guard (cab) height h5 (in) 86.6/88.2/92.1 86.6/82.2 173.4 47.0 86.6/82.2 173.4 47.0 86.6/82.2 173.4 47.0 86.6/82.2 173.4 47.0 86.6/82.2 173.4 47.0 86.6/82.2 173.4 47.0 86.6/82.2 173.4 47.0 86.6/82.2 173.4 47.0 86.6/82.2 183.6 86.5 68.5 68.5 68.5 68.5 68.5 68.5 68.5	4.7
4.7 Overhead load guard (cab) height h5 (in) 866/882/92.1 866/882/92.1 866/882/92.1 4.8 Seat height / standing height h7 (in) 43.3 43.3 43.3 4.12 Coupling height h10 (in) 364 364 364 4.19 Overall length l1 (in) 163.0 165.2 173.4 4.20 Length to face of forks l2 (in) 120.9 123.0 125.4 4.21 Overall width b1 (in) 53.9 68.5 68.5 4.22 Fork dimensions s / e / l (in) 42.1x.87.x2.0 42.1x.59.x2.0 48.0x.59.x2.0 4.23 Fork carriage Width b12 (in) 52.7 64.5 64.5 4.24 Fork-carriage width b12 (in) 52.7 64.5 64.5 4.31 Ground dearance, loaded, under mast m1 (in) 6.7 6.1 6.1 4.32 Ground dearance, contre of wheelbase m2 (in) 205 205 205 4.33 Aisle width for pallets 1000x1200 crossways </td <td>115.4</td>	115.4
4.8 Seat height / standing height h7 (in) 433 433 433 4.12 Coupling height h10 (in) 364 364 364 4.19 Overall length l1 (in) 163.0 165.2 173.4 4.20 Length to face of forks l2 (in) 120.9 123.0 125.4 4.21 Overall width b1 (in) 53.9 68.5 68.5 4.22 Fork dimensions s / e / l (in) 42.1x.87.x2.0 42.1x.59.x2.0 48.0x.59.x2.0 4.23 Fork carriage lSO 2328, class / type A,B III / A III / A IV / A 4.24 Fork carriage width b12 (in) 52.7 64.5 64.5 4.31 Ground dearance, loaded, under mast m1 (in) 6.7 6.1 6.1 6.1 4.32 Ground dearance, centre of wheelbase m2 (in) 205 205 205 4.33 Akie width for pallets 1000x1200 crossways Ast (in) 119.8 181.9 183.7 4.34 Akie width for pallets 800x1200 l	163.3
4.12 Coupling height h10 (in) 364 364 364 364 4.19 Overall length I1 (in) 163.0 165.2 173.4 4.20 Length to face of forks I2 (in) 120.9 123.0 125.4 4.21 Overall width b1 (in) 53.9 68.5 68.5 4.22 Fork dimensions s / e / I (in) 42.1x.87.x2.0 42.1x.59.x2.0 480x.59.x2.0 4.23 Fork carriage ISO 2328, class / type A,B III / A III / A IV / A 4.24 Fork-carriage width b12 (in) 52.7 64.5 64.5 4.31 Ground dearance, loaded, under mast m1 (in) 6.7 6.1 6.1 6.1 4.32 Ground dearance, centre of wheelbase m2 (in) 205 205 205 4.33 Aisle width for pallets 1000x1200 crossways Ast (in) 119.8 181.9 183.7 4.34 Aisle width for pallets 800x1200 lengthways Ast (in) 187.7 183.8 191.6 4.35	86.6 / 88.2 / 92.1
4.19 Overall length 11 (in) 163.0 165.2 173.4 4.20 Length to face of forks 12 (in) 120.9 123.0 125.4 4.21 Overall width b1 (in) 53.9 68.5 68.5 4.22 Fork dimensions s/e/I (in) 42.1x.8.7x.2.0 42.1x.5.9x.2.0 48.0x.5.9x.2.0 4.23 Fork-carriage width b12 (in) 52.7 64.5 64.5 4.31 Ground dearance, loaded, under mast m1 (in) 6.7 6.1 6.1 4.32 Ground dearance, centre of wheelbase m2 (in) 20.5 20.5 4.33 Aisle width for pallets 1000x1200 crossways Ast (in) 179.8 181.9 183.7 4.34 Aisle width for pallets 800x1200 lengthways Ast (in) 187.7 189.8 191.6 4.35 Turning radius Wa (in) 110.5 112.6 114.4 4.36 Smallest pivot point distance b13 (in) 39.7 39.7 Performance Data 5.1 Travel speed, Unloaded mph 14.8 14.2 14.2 5.2 Lift speed, Loaded/Unloaded fpm 100.4/104.3 100.4/104.3 100.4/104.3	43.3
4.20 Length to face of forks 12 (in) 120.9 123.0 125.4 4.21 Overall width b1 (in) 53.9 68.5 68.5 4.22 Fork dimensions s / e / I (in) 42.1x 8.7 x 2.0 42.1x 5.9 x 2.0 48.0x 5.9 x 2.0 4.23 Fork carriage ISO 2328, class / type A,B III / A III / A IV / A 4.2.4 Fork-carriage width b12 (in) 52.7 64.5 64.5 4.31 Ground dearance, loaded, under mast m1 (in) 6.7 6.1 6.1 6.1 4.32 Ground dearance, centre of wheelbase m2 (in) 205 205 205 4.33 Aisle width for pallets 1000x1200 crossways Ast (in) 179.8 181.9 183.7 4.34 Aisle width for pallets 800x1200 lengthways Ast (in) 187.7 189.8 191.6 4.35 Turning radius Wa (in) 110.5 112.6 114.4 4.36 Smallest pivot point distance b13 (in) 39.7 39.7 39.7 Performance Data 5.1 Travel speed, Unloaded mph 14.8 14.2 14.2 5.2 Lift speed, Loaded/Unloaded fpm 100.4/104.3 100.4/104.3 1	364
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4.22 Fork dimensions \$ / e / I (in) \$ / e / I (in) </td <td>128.0</td>	128.0
4.23 Fork carriage ISO 2328, class / type A,B III / A III / A IV / A 4.24 Fork-carriage width b12 (in) 52.7 64.5 64.5 4.31 Ground dearance, loaded, under mast m1 (in) 6.7 6.1 6.1 4.32 Ground dearance, centre of wheelbase m2 (in) 205 205 205 4.33 Aisle width for pallets 1000x1200 crossways Ast (in) 179.8 181.9 183.7 4.34 Aisle width for pallets 800x1200 lengthways Ast (in) 187.7 189.8 191.6 4.35 Turning radius Wa (in) 110.5 112.6 114.4 4.36 Smallest pivot point distance b13 (in) 39.7 39.7 39.7 Performance Data 5.1 Travel speed, Unloaded mph 14.8 14.2 14.2 5.2 Lift speed, Loaded/Unloaded fpm 100.4/104.3 100.4/104.3 100.4/104.3	68.5
4.24 Fork-carriage width b12 (in) 52.7 64.5 64.5 4.31 Ground dearance, loaded, under mast m1 (in) 6.7 6.1 6.1 4.32 Ground dearance, centre of wheelbase m2 (in) 205 205 205 4.33 Aisle width for pallets 1000x1200 crossways Ast (in) 179.8 181.9 183.7 4.34 Aisle width for pallets 800x1200 lengthways Ast (in) 187.7 189.8 191.6 4.35 Turning radius Wa (in) 110.5 112.6 114.4 4.36 Smallest pivot point distance b13 (in) 39.7 39.7 39.7 Performance Data 5.1 Travel speed, Unloaded mph 14.8 14.2 14.2 5.2 Lift speed, Loaded/Unloaded fpm 100.4/104.3 100.4/104.3 100.4/104.3	47.2x 5.9 x 2.4
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4.34 Aisle width for pallets 800x1200 lengthways Ast (in) 187.7 189.8 191.6 4.35 Turning radius Wa (in) 110.5 112.6 114.4 4.36 Smallest pivot point distance b13 (in) 39.7 39.7 39.7 Performance Data 5.1 Travel speed, Unloaded mph 14.8 14.2 14.2 5.2 Lift speed, Loaded/Unloaded fpm 100.4/104.3 100.4/104.3 100.4/104.3	200
4.35 Turning radius Wa (in) 110.5 112.6 114.4 4.36 Smallest pivot point distance b13 (in) 39.7 39.7 39.7 Performance Data 5.1 Travel speed, Unloaded mph 14.8 14.2 14.2 5.2 Lift speed, Loaded/Unloaded fpm 100.4/104.3 100.4/104.3 100.4/104.3	185.4
4.36 Smallest pivot point distance b13 (in) 39.7 39.7 39.7 Performance Data 5.1 Travel speed, Unloaded mph 14.8 14.2 14.2 5.2 Lift speed, Loaded/Unloaded fpm 100.4/104.3 100.4/104.3 100.4/104.3	193.2
Performance Data 5.1 Travel speed, Unloaded mph 14.8 14.2 14.2 5.2 Lift speed, Loaded/Unloaded fpm 100.4/104.3 100.4/104.3 100.4/104.3	116.0
5.1 Travel speed, Unloaded mph 14.8 14.2 14.2 5.2 Lift speed, Loaded/Unloaded fpm 100.4/104.3 100.4/104.3 100.4/104.3	39.7
5.2 Lift speed, Loaded/Unloaded fpm 100.4/104.3 100.4/104.3 100.4/104.3	
212 Elispecia contacta di monteta	14.2
5.3 Lowering speed Loaded/Unloaded fpm 98.4/88.5 98.4/88.5 98.4/88.5	100.4/104.3
	98.4 / 88.5
5.5 Drawbar pull, Loaded lb 8,820 8,960 8,660	8,620
5.7 Gradient performance, Loaded % 40.5 36.2 31.6	28.7
5.10 Service brake Hydraulic Hydraulic Hydraulic	Hydraulic
Engine	
6.1 Engine manufacturer / type GM 4.3L GM 4.3L GM 4.3L	GM 4.3L
6.2 Engine power acc. to ISO 1585 HP 952 952 952	95.2
6.3 Rated speed 1/min 2,300 2,300 2,300	2,300
6.4 No. of cylinder / cubic capacity /cm ² 6/4,294 6/4,294 6/4,294	6/4,294
Other Details	
8.2 Type of drive control Power Shift Power Shift Power Shift	Power Shift
8.3 Operating pressure bar 210/150 210/150 210/150	210/150
8.4 Oil volume litter 66 66 66	66
8.5 Noise db(A) 85 85 85	85

HYUNDAI FORKLIFT CONSTRUCTION EQUIPMENT AMERICAS, INC.

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