



MOVING YOU FURTHER

■ Some of the photos may include optional equipment.

HYUNDAI LPG FORKLIFT TRUCKS **Applied Tier 4 Engine**

35L/40L/45L/50L-7A



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NEW criteria of Forklift Trucks

Hyundai introduces a new line of 7A series LPG forklift trucks. Excellent power and performance make your business more profitable.



OPSS (Operator Presence Sensing System)
When operator is not in seat the hydraulic lift and tilt controls and travel are locked out.

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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.

94 hp/2,300rpm



Powerful Engine PSI 4.3L V6 Engine

The industry proven PSI 4.3L V6 engine boasts incomparable performance, durability and great value; combining powerful torque and excellent fuel efficiency for improved operation. (EPA/CARB Tier-IV Certified)

Fast and Stable Performance

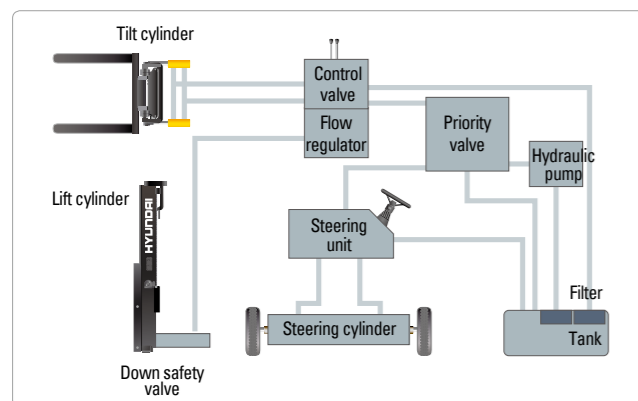
A highly durable mast with dependable hydraulics improves performance in all hydraulic functions for productive loading and unloading.

When the truck is fully loaded, mast lowering speed is carefully controlled to ensure safety by the down control valve. Mast (Lift and Tilt) Lock System is standard.



**High Power
Low Noise**

Some of the photos may include optional equipment.



State-of-the-art Hydraulic System

A high capacity hydraulic system provides responsive and smooth control in moving loads. The low-noise control valve increases forklift operation efficiency, and O-Ring Faced Seals throughout provide the fewer leaks and easier maintenance than JIC fittings.



Rugged Steer Axle with Fully Hydrostatic Power Steering

A ductile cast iron steer axle with tapered roller bearings provide superior durability combined with fully hydrostatic power steering is designed to meet the most demanding applications.



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 : 31.2%
40L-7A : 35.8% 50L-7A : 28.6%

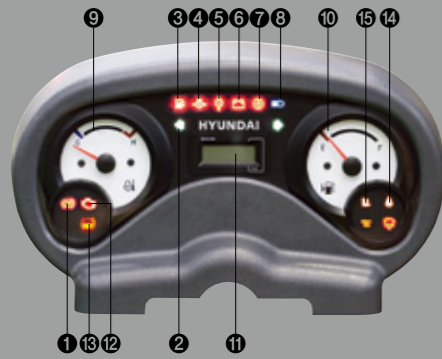
Travel Speed (Unloaded)

35L-7A : 14.7 mph
40L-7A : 14.2 mph
45L-7A : 14.2 mph
50L-7A : 14.1 mph

Ergonomic operator friendly compartment design!

Based on the mechanics of the human frame, Hyundai operator compartments are ergonomically designed to help reduce fatigue and increase operator efficiency.

Operator Friendly Gauges and Water-resistant Monitor Panel



- ① Parking brake lamp
- ② Directional indicators
- ③ Fuel warning lamp
- ④ Engine oil warning lamp
- ⑤ Transmission oil temperature warning lamp
- ⑥ Battery charging warning lamp
- ⑦ Air cleaner filter warning light
- ⑧ Working light indicator
- ⑨ Water temperature gauge
- ⑩ Fuel gauge
- ⑪ Hour meter
- ⑫ Engine check lamp
- ⑬ Brake oil warning lamp
- ⑭ Seat belt warning
- ⑮ OPS warning (option)

Grammer Seat (STD)



Easily adjustable suspension seat, with hi-vis orange seat belt, provides great comfort, safety and durability.
 - ELR (Energy Locking Retractor) Type Seat Belt
 - Heater and Head-rest (OPT)



High Visibility for Safe Operation

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



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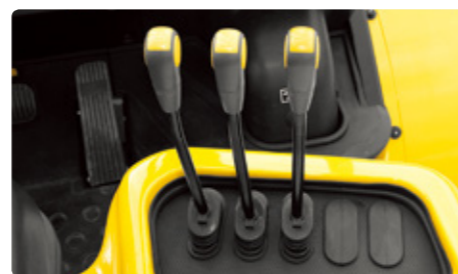
Ergonomically Positioned Pedals

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 to the operator's most comfortable position.



Easy and Safe Shift Lever

A 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

Durability in the Work Place!

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

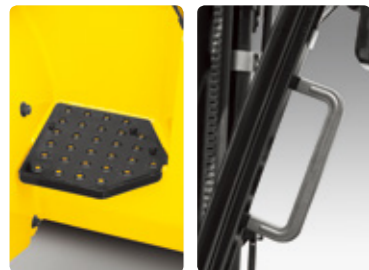
Ratchet type parking brake requires less effort the operator to set.

Highly Durable Split type Drive Axle with Wet Disc Brakes

A strong drive axle separate from the transmission ensures low vibration and easy maintenance. The wet disc brake system is virtually maintenance free and the enclosed design protects from dust and water.



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Large Footboard & Hand Grip

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



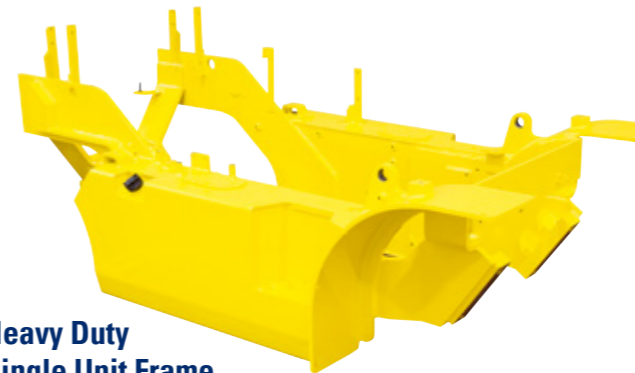
Expansion Bellows

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 occurs.



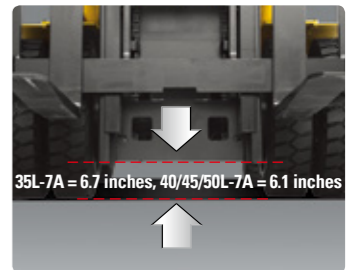
Heavy Duty Single Unit Frame

Heavy duty single unit type frame, designed on the basis of accurate structural analysis, provides a rugged and durable forklift.



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.

35L-7A = 6.7 inches, 40/45/50L-7A = 6.1 inches

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



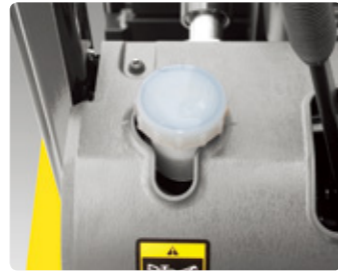
Easy access of electrical Components

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



Easy Maintenance Oil Check

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



Brake Fluid Reservoir with level switch

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



An Accessible, Compact Fuse Box for Easy Inspection



Maintenance Free Battery



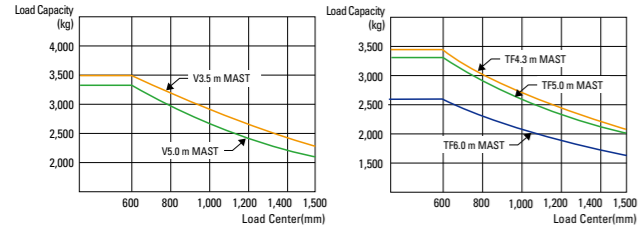
Aluminum Radiator with Superb Protection Against heat



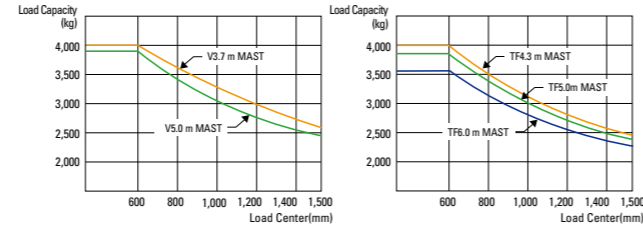
Removable Side Panels for Ease of Service

Load Capacity

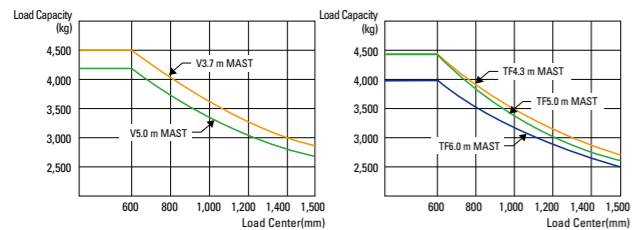
35L-7A



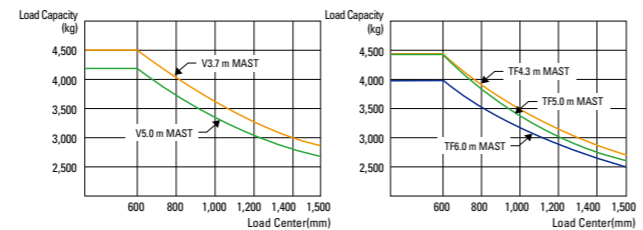
40L-7A



45L-7A



50L-7A

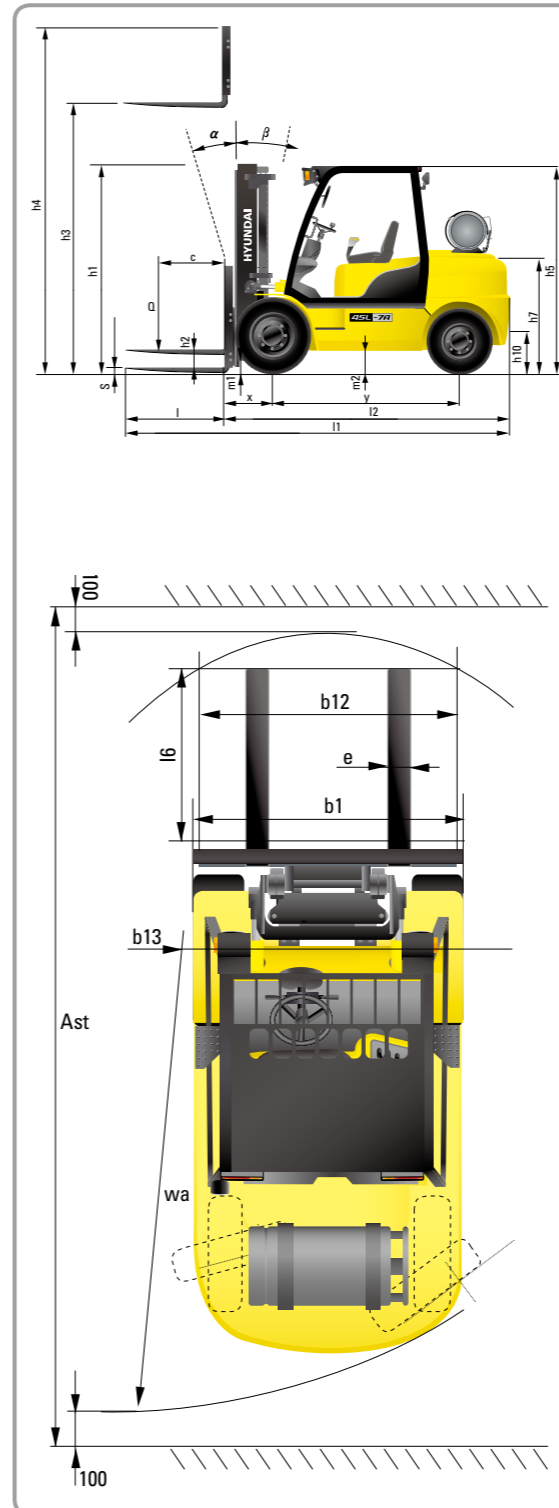


Optional Items

- CABIN (WITH OR WITHOUT HEATER)
- SIDE SHIFT
- INTEGRAL FORK POSITIONER
- TILTING : 8/6, 8/8
- TIRE : Solid, No-marking, Double
- M.C.V : 4-Spool

- ATTACH PIPING : 3 Spool-piping, 4 Spool-piping
- BEACON LAMP
- BRAKE PEDAL
- Hydraulic Booster (w/o Accumulator)
- INTEGRAL SHAFT TYPE CARRIAGE : 4.0/4.5Ton

Dimension



Specification

Identification						
1.1	Manufacturer	Hyundai	Hyundai	Hyundai	Hyundai	
1.2	Manufacturer's type designation	35L-7A	40L-7A	45L-7A	50L-7A	
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas, manual	LP	LP	LP	LP	
1.4	Type of operation: hand, pedestrian, standing, seated, order-picker	seated	seated	seated	seated	
1.5	Load capacity / rated load	Q (lb)	8,000	9,000	10,000	11,000
1.6	Load center distance	c (inch)	24	24	24	24
1.8	Load distance, center of drive axle to fork	x (inch)	22	22	22	22.7
1.9	Wheelbase	y (inch)	79	79	79	79
Weights						
2.1	Service weight	lb	12,330.5	13,587	6,579	14,504
2.2	Axle loading, loaded front/rear	lb	18,003 / 2,044	20,049 / 2,357	21,806 / 2,619	23,625 / 3,025
2.3	Axle loading, unloaded front/rear	lb	5,807 / 6,523.5	6,111 / 7,476	6,127 / 8,377.5	6,204 / 9,323
Wheels, Chassis						
3.1	Tires: solid rubber, superplastic, pneumatic, polyurethane	Pneumatic	Pneumatic	Pneumatic	Pneumatic	
3.2	Tires size, front (width x ø)	8.25 x 15 x 14pr	7.50 x 16 x 12pr	7.50 x 16 x 12pr	7.50 x 16 x 12pr	
3.3	Tires size, rear (width x ø)	7.00 x 12 x 12pr	7.00 x 12 x 12pr	7.00 x 12 x 12pr	7.00 x 12 x 14pr	
3.5	Wheels, number front x rear (x=driven wheels)	2 x 2	4 x 2	4 x 2	4 x 2	
3.6	Track width, front	b10 (inch)	44.5	50.5	50.5	
3.7	Track width, rear	b11 (inch)	45	45	45	
Basic Dimensions						
4.1	Mast / fork carriage tilt forward / backward (α / β)	degrees	8 / 10	8 / 10	8 / 10	8 / 10
4.2	Lowered mast height	h1 (inch)	88	87	87	87
4.3	Free lift	h2 (inch)	4.7	4.7	4.7	4.7
4.4	Lift height	h3 (inch)	119	119	119	115
4.5	Extended mast height	h4 (inch)	166	166	167	163
4.7	Overhead guard (cab) height	h5 (inch)	88	88	88	88
4.8	Seat height / standing height	h7 (inch)	43	43	43	43
4.12	Coupling height	h10 (inch)	15	15	15	15
4.19	Overall length	l1 (inch)	163	165.5	173	175
4.20	Length to face of forks	l2 (inch)	121	123	125	127
4.21	Overall width	b1 (inch)	54	68.5	68.5	68.5
4.22	Fork dimensions	s / e / l (inch)	2 x 5 x 42	2 x 6 x 42	2 x 6 x 48	2 x 6 x 47
4.23	Fork carriage ITA / ISO 2328 class type A, B		III / A	III / A	IV / A	IV / A
4.24	Fork-carriage width	b12 (inch)	51	63	63	63
4.31	Ground clearance, loaded, under mast	m1 (inch)	6.7	6	6	6
4.32	Ground clearance, centre of wheelbase	m2 (inch)	7.8	7.8	7.8	7.8
4.33	Aisle width for pallets 1000x1200 crossways	Ast (inch)	187.6	181.8	183.7	185.3
4.34	Aisle width for pallets 800x1200 lengthways	Ast (inch)	187.6	189.7	191.5	193
4.35	Turning radius	Wa (inch)	110	112.5	114	116
4.36	Smallest pivot point distance	b13 (inch)	40	40	40	40
Performance Data						
5.1	Travel speed, Unloaded	mph	14.7	14.2	14.2	14.1
5.2	Lift speed, Loaded/Unloaded	ft/min	100 / 105	100 / 105	100 / 105	85 / 95
5.3	Lowering speed, Loaded/Unloaded	ft/min	98 / 88.85	98 / 88.85	98 / 88.85	98 / 88.5
5.5	Drawbar pull, Loaded	lb	8,823	8,961.8	8,664	8,622
5.7	Gradient performance, Loaded	%	40.5	35.8	31.2	28.6
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	94	94	94	94
6.3	Rated speed	1/min	2,300	2,300	2,300	2,300
6.4	No. of cylinder / cubic capacity	/cm ³	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	l/min	61	61	61	61
8.5	Noise	db(A)	80	80	80	80