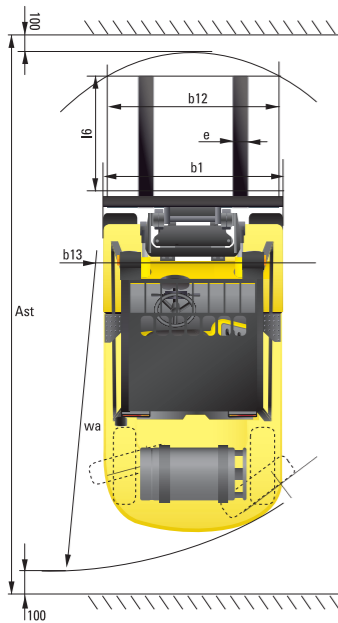
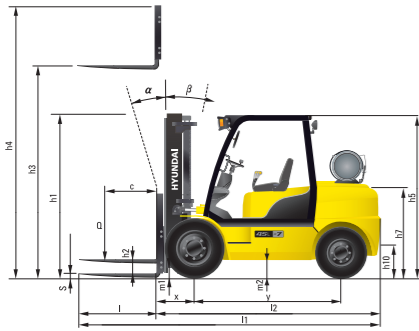


## Dimension



## Specification

Identification				
1.1	Manufacturer	Hyundai	Hyundai	Hyundai
1.2	Manufacturer's type designation	35L-7	40L-7	45L-7
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas, manual	LPG	LPG	LPG
1.4	Type of operation: hand, pedestrian, standing, seated, order-picker	seated	seated	seated
1.5	Load capacity / rated load	kg 3,500	4,000	4,500
1.6	Load center distance	c(mm) 600	600	600
1.8	Load distance, center of drive axle to fork	x(mm) 561	561	561
1.9	Wheelbase	y(mm) 2,000	2,000	2,000
Weights				
2.1	Service weight	kg 5,671	6,241	6,663
2.2	Axle loading, loaded front/rear	kg 8,236 / 936	9,155 / 1,086	9,959 / 1,204
2.3	Axle loading, unloaded front/rear	kg 2,704 / 2,967	2,833 / 3,408	2,847 / 3,816
Wheels, Chassis				
3.1	Tires: solid rubber, superelastic, pneumatic, polyurethane	Pneumatic	Pneumatic	Pneumatic
3.2	Tires size, front (ø x width)	8.25-15-14	7.50-16-12	7.50-16-12
3.3	Tires size, rear (ø x width)	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
3.6	Track width, front	mm 1,162	1,312	1,312
3.7	Track width, rear	mm 1,140	1,140	1,140
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 (mm) 2,235	2,220	2,220
4.3	Free lift	h2 (mm) 120	120	120
4.4	Lift height	h3 (mm) 3,000	3,000	3,000
4.5	Extended mast height	h4 (mm) 4,224	4,224	4,235
4.7	Overhead guard height (low opt/ std/ high opt)	h5 (mm) 2,200 / 2,240 / 2,340	2,200 / 2,240 / 2,340	2,200 / 2,240 / 2,340
4.8	Seat height / standing height	h7 (mm) 1,100	1,100	1,100
4.12	Coupling height	h10 (mm) 364	364	364
4.19	Overall length	l1 (mm) 4,140	4,195	4,405
4.20	Length to face of forks	l2 (mm) 3,070	3,125	3,185
4.21	Overall width	b1 (mm) 1,400	1,776	1,776
4.22	Fork dimensions (hook type)	s / e / W (mm) 50 x 122 x 1,070	50 x 150 x 1,070	50 x 150 x 1,220
4.23	Fork carriage ISO 2328, class / type A,B	III / A	III / A	III / A
4.24	Fork-carriage width	b3 (mm) 1,300	1,600	1,600
4.31	Ground clearance, loaded, under mast	m1 (mm) 170	155	155
4.32	Ground clearance, centre of wheelbase	m2 (mm) 215	200	200
4.33	Aisle width for pallets 1,000x1,200 crossways (LxW)	Ast (mm) 4,331	4,391	4,451
4.34	Aisle width for pallets 800x1,200 lengthways (WxL)	Ast (mm) 4,351	4,411	4,471
4.35	Turning radius	Wa (mm) 2,770	2,830	2,890
4.36	Smallest pivot point distance	mm 996	996	996
Performance Data				
5.1	Travel speed, unloaded	km/h 24.6	23.2	23.2
5.2	Lift speed, loaded/ unloaded	mm/s 510 / 530	510 / 530	510 / 530
5.3	Lowering speed, loaded/unloaded	mm/s 500 / 450	500 / 450	500 / 450
5.5	Drawbar pull, loaded	kg 3,755	4,066	4,088
5.7	Gradient performance, loaded/ unloaded	% 40.5	38.9	35.4
5.9	Acceleration time, loaded/ unloaded (10m)	-	-	-
5.10	Service brake	Hydraulic	Hydraulic	Hydraulic
Engine				
6.1	Engine manufacturer / type	GM 4.3L	GM 4.3L	GM 4.3L
6.2	Engine power acc. to ISO 1585	kW 67.7	67.7	67.7
6.3	Rated speed	1/min 2,300	2,300	2,300
6.4	No. of cylinder / cubic capacity	/cm <sup>3</sup> 4,294	4,294	4,294
6.5	Fuel consumption acc. To VDI cycle	ℓ / h NA	NA	NA
Other Details				
8.1	Type of drive control	Torque Converter 2/2	Torque Converter 2/2	Torque Converter 2/2
8.2	Operating pressure (system / attach)	bar 210	210	210
8.3	Oil volume	ℓ 66	66	66
8.4	Noise (at driver's ear according to DIN 12053)	db(A) 82	82	82



■ Some of the photos may include optional equipment.

We build a better future

FORKLIFT TRUCKS Environmentally - Friendly

# 35L/40L/45L-7

**HYUNDAI FORKLIFT**  
HEAVY INDUSTRIES CO., LTD.

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2010. 04 Rev.2

**HYUNDAI**  
HEAVY INDUSTRIES CO., LTD.

35L/40L/45L -7

## New criteria of Forklift Trucks

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



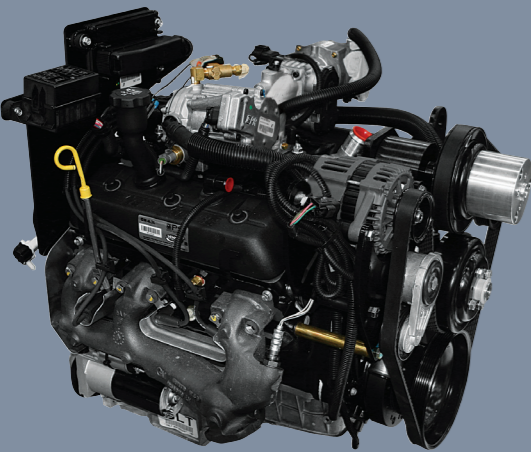
■ Some of the photos may include optional equipment.

# High Power & Performance

## Powerful Engine GM4.3L Engine

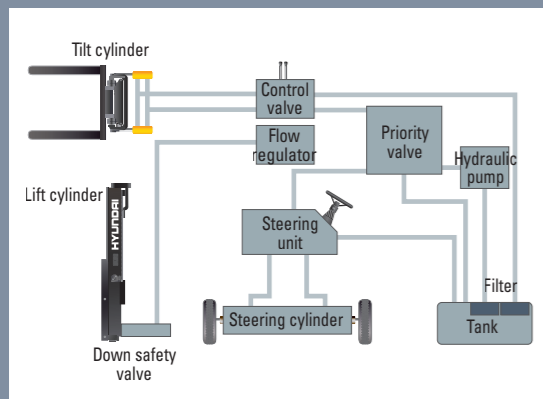
Market approved quality of GM4.3L engine ensures incomparable performance, durability and additional value to the machine. 67.7kW of the engine is more than enough to suit any work, not just with normal 67.7kW but with special attachments requiring high power as well.  
(EPA / CARB 2007 Regulation Certified)

67.7kW/2,300rpm



## 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.



Some of the photos may include optional equipment.



## Fast and stable performance

Being able to quickly raise and lower the mast, as well as tilt it forward and backward, providing 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.

## Faster travel speed & gradeability

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

### Gradeability(Loaded)

35L-7	40.5%
40L-7	38.9%
45L-7	35.4%

### Travel speed(Unloaded)

35L-7	24.6km/h
40L-7	23.2km/h
45L-7	23.2km/h



## Increased mast tilting angle

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



## Wet disc brake system

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



## Fully hydrostatic power steering

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



## OPSS (Operator Presence Sensing System)

Control of mast tilting, lifting and lowering is not possible through operation of the appropriate control when the operator is not in the normal position. (Option)

## Comfortable Operation



### 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 lever

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



### Multi-function switch lever

Multi-functional switch lever gives easy access to lights and horn.



### Quick response of operating control levers

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



## Ergonomically designed with the operator in mind!

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

Some of the photos may include optional equipment.



### 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.



### New high visibility for safe operation

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

## Operator friendly gauges and water-resistant monitor panel



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

## Easily adjustable suspension seat

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



## Full floating overhead guard mount

The anti-vibration rubber is installed between the guard and truck frame to reduce the source of vibration and noise while driving. This not only reduces operator's fatigue but also increases safety.



## Endurance & Safety

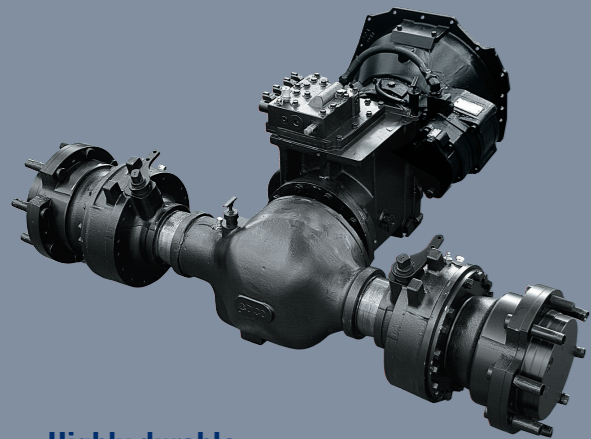
### Strong overhead guard

The safety overhead guard exceeds EEC and ANSI regulations and protects the operator during hazardous jobs.



### Parking brake

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



### Highly durable transmission and drive axle

Powershift transmission provides fast travel speed and quiet travel under any heavy load condition, and boosts work efficiency.

## Enhanced safety through high durability!

Safety and durability are priorities in the design of the equipment.

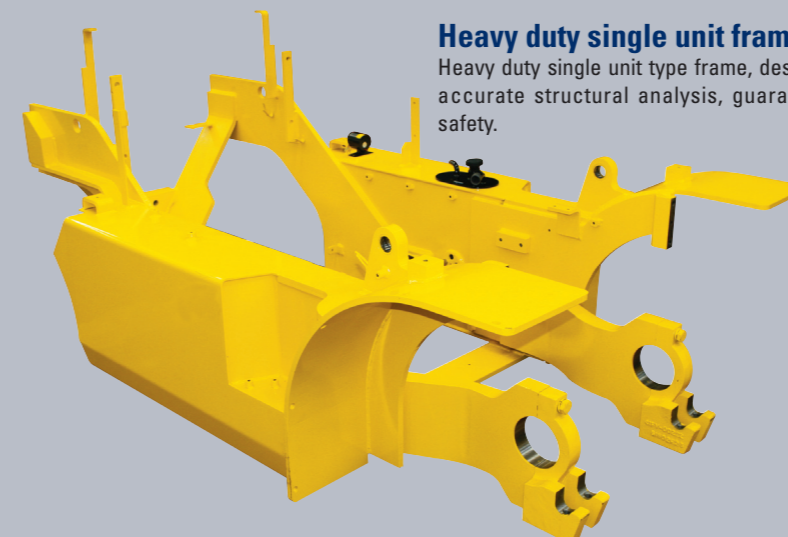


Some of the photos may include optional equipment.



### Large footboard & hand grip

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



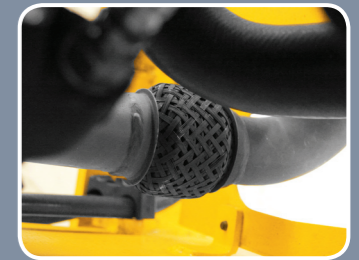
### Heavy duty single unit frame

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



### Easy access of electrical Components

Various electric parts are centralized in dash board resulting in improve-ment in maintenance.



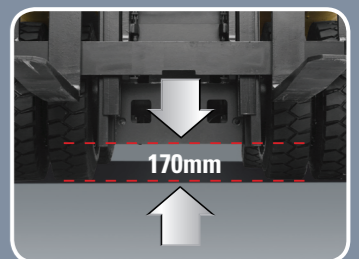
### Expansion bellows

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



### Bright, protected headlights

Bright, protected headlights are positioned for exceptional visibility.



### Ground clearance

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

Durability **Easy** Maintenance



**Electrically monitored air filter**

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



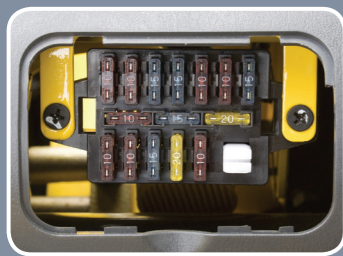
**Easy maintenance oil check**

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

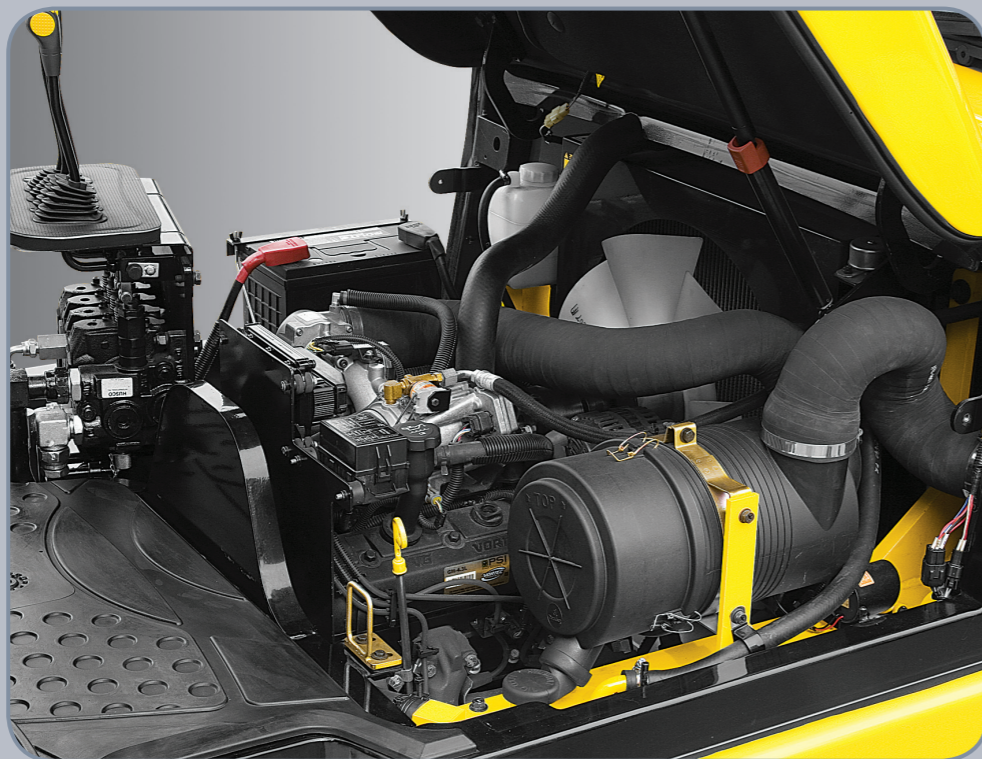


**Brake fluid reservoir**

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



**An accessible, compact fuse box for easy inspection**



**Centralized design for easy service!**

An ideal arrangement of component parts ensures easy accesses and conveniences for the maintenance.



**Easy change air cleaner**

The air filter is readily accessible for cleaning or replacement. (7inch Cyclone Type)



**Portable side cover**



**Double battery installation**



**Quick and easy engine oil check**

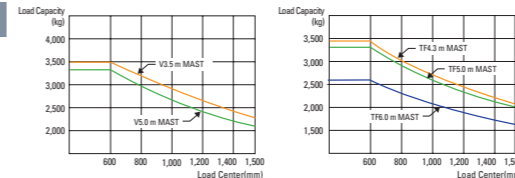
**Mast Specification (35L/40L/45L-7)**

Mast Type	Maximum Fork Height (mm)	Overall Height (Lowered) (mm)		Free Lift Height (mm)		Tilt Angle (deg)	Load Capacity without side shift at 600mm LC (kg)						Load Capacity with side shift at 600mmLC (kg)						Truck Weight (Unloaded) (kg)						
		Single Tire		Double Tire			Fwd / Bwd	Single Tire			Double Tire			Single Tire			Double Tire			Single Tire		Double Tire			
		35L/40L/45L-7	35L/40L/45L-7	35L/40L/45L-7	35L/40L/45L-7			35L/40L/45L-7	35L-7	40L-7	45L-7	35L-7	40L-7	45L-7	35L-7	40L-7	45L-7	35L-7	40L-7	45L-7	35L-7	40L-7	45L-7		
2-Stage limited free lift	V270	2,720	2,085	2,070	120	120	8/10	3,500	4,000	4,500	3,500	4,000	4,500	3,500	4,000	4,500	3,500	4,000	4,500	5,563	6,027	6,440	5,718	6,133	6,549
	*V300	3,020	2,235	2,220	120	120	8/10	3,500	4,000	4,500	3,500	4,000	4,500	3,500	4,000	4,500	3,500	4,000	4,500	5,593	6,057	6,470	5,748	6,163	6,579
	V330	3,320	2,385	2,370	120	120	8/10	3,500	4,000	4,500	3,500	4,000	4,500	3,500	4,000	4,500	3,500	4,000	4,450	5,631	6,095	6,508	5,786	6,201	6,617
	V350	3,520	2,535	2,520	120	120	8/10	3,500	4,000	4,500	3,500	4,000	4,500	3,450	3,950	4,400	3,450	3,950	4,400	5,654	6,118	6,531	5,809	6,224	6,640
	V370	3,720	2,635	2,620	120	120	8/10	3,500	4,000	4,500	3,500	4,000	4,500	3,400	3,900	4,350	3,400	3,900	4,300	5,674	6,138	6,551	5,829	6,244	6,660
2-Stage full free lift	V400	4,020	2,845	2,830	120	120	8/10	3,500	4,000	4,500	3,500	4,000	4,500	3,350	3,800	4,250	3,350	3,800	4,250	5,717	6,181	6,594	5,871	6,287	6,702
	V450	4,520	3,095	3,080	120	120	8/6	3,450	3,900	4,350	3,450	3,950	4,350	3,250	3,700	4,100	3,250	3,700	4,100	5,829	6,293	6,706	5,984	6,399	6,815
	V500	5,020	3,345	3,330	120	120	8/6	3,350	3,700	4,200	3,350	3,850	4,250	3,150	3,550	4,000	3,150	3,600	3,950	5,880	6,344	6,757	6,035	6,450	6,866
	VF280	2,805	2,135	2,120	1,258	919	8/8	3,500	4,000	4,500	3,500	4,000	4,500	3,500	4,000	4,500	3,500	4,000	4,500	5,604	6,068	6,476	6,756	6,171	6,585
	VF300	3,005	2,235	2,220	1,358	1,019	8/8	3,500	4,000	4,500	3,500	4,000	4,500	3,500	4,000	4,500	3,500	4,000	4,500	5,630	6,094	6,502	5,782	6,197	6,611
3-Stage full free lift	VF315	3,155	2,325	2,310	1,448	1,109	8/8	3,500	4,000	4,500	3,500	4,000	4,500	3,450	4,000	4,500	3,500	4,000	4,450	5,620	6,114	6,521	5,802	6,216	6,630
	TF370	3,730	2,035	2,020	812	1,139	8/8	3,500	4,000	4,500	3,500	4,000	4,500	3,300	3,850	4,250	3,350	3,850	4,250	5,820	6,284	6,697	5,975	6,355	6,808
	TF400	4,030	2,135	2,120	912	1,239	8/8	3,450	4,000	4,450	3,500	4,000	4,450	3,250	3,750	4,200	3,300	3,750	4,150	5,850	6,314	6,727	6,005	6,385	6,838
	TF430	4,330	2,235	2,220	1,012	1,339	8/8	3,400	3,900	4,350	3,450	3,950	4,350	3,150	3,700	4,100	3,200	3,700	4,100	5,881	6,345	6,758	6,036	6,416	6,869
	TF450	4,510	2,295	2,290	1,072	1,399	8/8	3,350	3,900	4,300	3,400	3,950	4,300	3,150	3,700	4,050	3,200	3,700	4,050	5,900	6,364	6,777	6,055	6,435	6,888
	TF470	4,720	2,385	2,390	1,162	1,489	8/8	3,300	3,850	4,250	3,350	3,900	4,250	3,100	3,600	4,000	3,150	3,650	4,000	5,936	6,400	6,813	6,091	6,471	6,925
	TF500	5,020	2,485	2,470	1,262	1,589	8/6	3,250	3,750	4,150	3,300	3,750	4,200	3,050	3,500	3,900	3,100	3,550	3,900	5,960	6,423	6,836	6,114	6,494	6,948
TF550	5,520	2,665	2,650	1,442	1,769	8/6	2,950	3,600	4,000	3,200	3,650	4,050	2,750	3,350	3,650	3,000	3,450	3,800	6,021	6,485	6,898	6,175	6,555	7,009	
TF600	6,030	2,845	2,830	1,622	1,949	8/6	2,600	3,050	3,300	3,100	3,500	3,900	2,450	2,900	3,100	2,900	3,300	3,650	6,089	6,553	6,966	6,244	6,624	7,077	

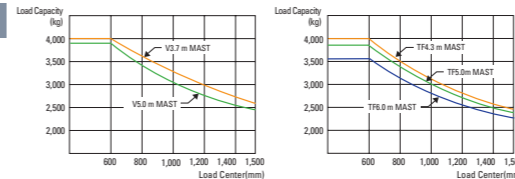
\*Standard

**Load Capacity**

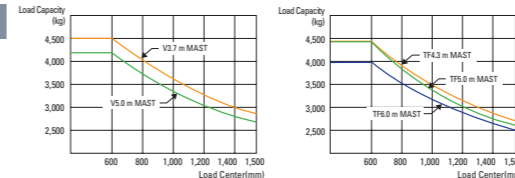
**35L-7**



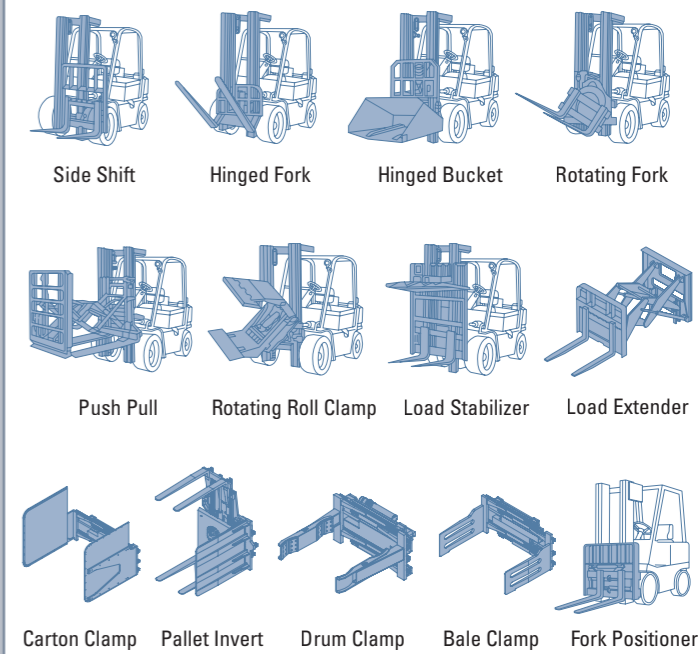
**40L-7**



**45L-7**



**Various Attachments**



**Optional Items**

**FORK(LxWxT)(mm)**

- 35L-7 (HOOK TYPE)**
  - 1,220 X 122 X 50 · 1,370 X 122 X 50 · 1,520 X 122 X 50
  - 1,670 X 122 X 50 · 1,820 X 122 X 50 · 1,970 X 122 X 50
- 40L-7 (SHAFT · HOOK TYPE)**
  - 1,070 X 150 X 50 · 1,370 X 150 X 50 · 1,520 X 150 X 50
  - 1,670 X 150 X 50 · 1,820 X 150 X 50 · 1,970 X 150 X 50

**45L-7 (HOOK TYPE)**

- 1,220 X 150 X 50 · 1,370 X 150 X 50 · 1,520 X 150 X 50
  - 1,670 X 150 X 50 · 1,820 X 150 X 50 (Class III, IV)
  - 1,970 X 150 X 50 (Class IV)
- 45L-7 (SHAFT TYPE)**
- 1,220 X 150 X 50 · 1,370 X 150 X 50 · 1,520 X 150 X 50
  - 1,670 X 150 X 50 · 1,820 X 150 X 50 · 1,970 X 150 X 50

- MCV : 3-SPOOL / 4-SPOOL / 5-SPOOL
- SEAT : ARM REST / HIP REST
- SOLID TIRE
- OVER SHOE : 1,500 / 1,800 / 2,000 / 2,200
- HOSE-REEL
- OVER HEAD GUARD HEIGHT : 2,200 / 2,340
- CABIN (HEIGHT 2,240)
- CABIN + HEATER
- INTEGRAL FORK POSITIONER CARRIAGE