

20/25/30/33DT-7

Diesel Counterbalance Trucks

MOVING YOU FURTHER

HYUNDAI MATERIAL HANDLING



Head Office (Sales office)
First tower, 55, Bundang-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea

PLEASE CONTACT

www.hyundai-ce.com

2018. 07 Rev. 4

* Some of the photos may include optional equipment.



Your satisfaction is our priority!

Hyundai introduces a new line of 7-series diesel forklift trucks. The newly designed 4 wheel counterbalance trucks provide every operator comfortable driving, increased productivity and easy maintenance.

New Diesel Forklift with Proven Quality and Advanced Technology

- Maximum performance
- Spacious operator's cab
- Easy serviceability
- Load weight indicator (Optional)
- OPSS System for safe operation (Optional)



* Some of the photos may include optional equipment.

High Efficiency & Optimal Performance



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

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Excellent and Economical Hyundai WIA WC30D engine

60PS / 2,500 rpm

Market approved quality of Hyundai WIA WC30D engine ensures incomparable performance, durability and excellent fuel efficiency. This engine meets EPA Tier 3 and EU stage IIIA emission regulations.

- Excellent engine Durability applied Timing Gear
- Rapid Acceleration, Smoke Decrease
- Apply Friction Gear For Reducing Gear Rattle Noise
- One Shot Start at -25°C installed Cold Start Device



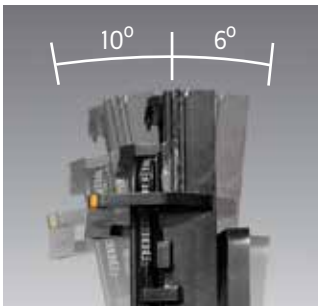
Highly durable drive axle

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.



Wet disc brake system

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



Increased mast tilting angle

Utilizing the standard mast tilting angle of 6 degrees forward and 10 degrees backward, the operator can safely and rapidly perform loading and unloading jobs.



Fully hydrostatic power steering

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



Travel Speed (Max)

Model	km / h
20DT	20.5
25DT	20.5
30DT	21.5
33DT	21.4

Gradeability (Max)

Model	deg
20DT	20.5
25DT	17.8
30DT	14.6
33DT	13.5

Faster travel speed & gradeability

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

Best Convenience & Optimized Ergonomics



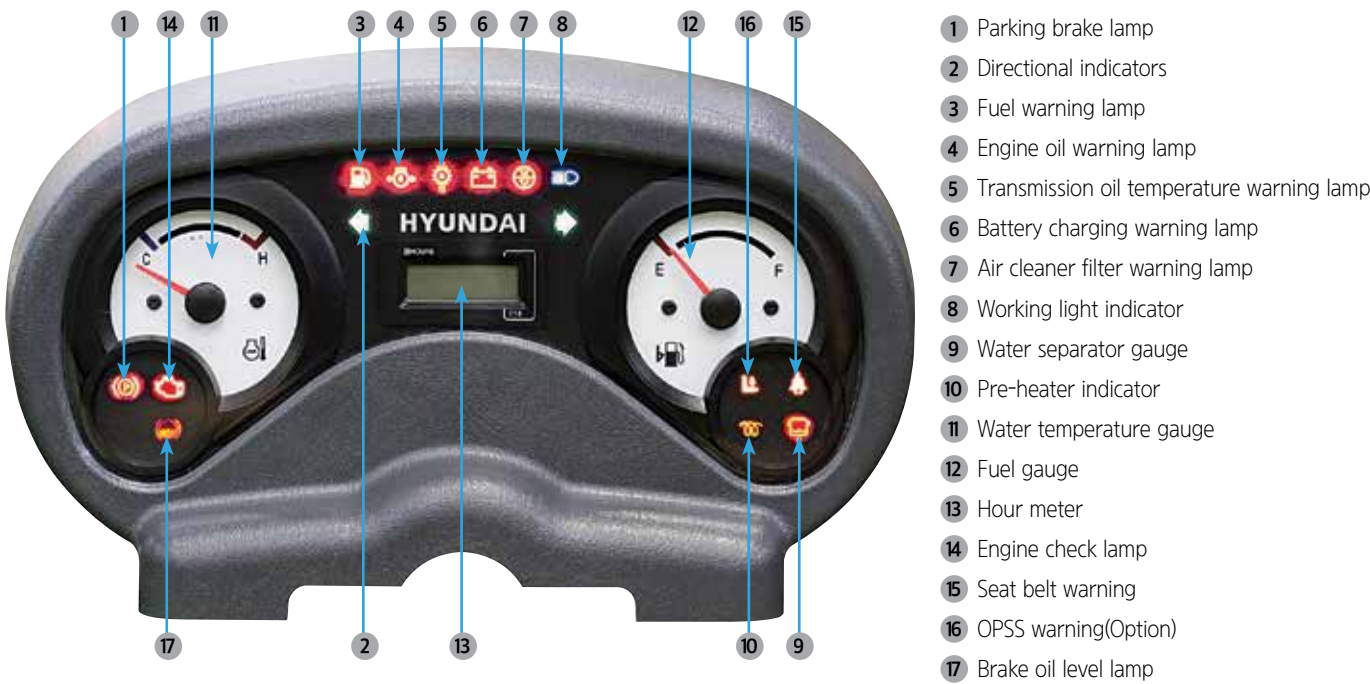
The ergonomically designed cabin and the centralized cluster provides full support and comfort to the operator.

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Spacious operator over head guard

The newly designed cabin provides wide visibility and spacious environment, ensuring all day comfort for the operator.



Operator friendly gauges and water-resistant monitor panel



Optimized pedal position

On the 7-series the pedals are mounted to the console to reduce operator fatigue, and noise and dust from the engine compartment.



Low entrance height

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



Cup holder & console box

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



Comfortable Seat

Easily adjustable suspension seat, based on a human engineering design, reduces operator fatigue and provides greater comfort.
*ELR (Emergency Locking Retractor) Type Seat Belt



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.



Easy and safe shift lever

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



Multi-function switch lever

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



Quick response of operating control levers

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

Advanced Safety



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

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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.

* Some of the photos may include optional equipment.



Strong overhead guard

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



Convenient hand grip



Parking brake

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

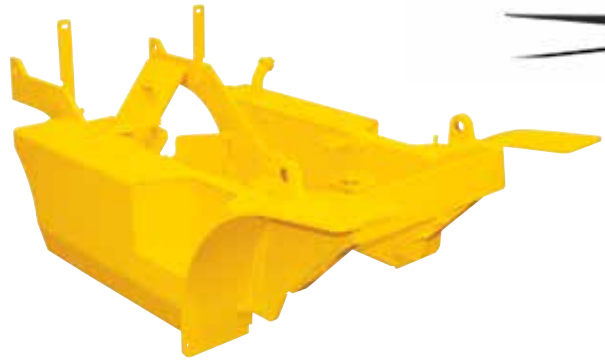
Fork safety features

When the forks are being lowered, a down-control valve maintains the controlled speed. The down-safety valve prevents forks from dropping down in case of sudden damage of hydraulic line.

OPSS(Operator Presence Sensing System) (Option)

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

Lift Lock Tilt Lock Drive Lock Parking



Heavy duty single unit frame

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



Bright, protected headlights

Bright, protected headlights is positioned for exceptional visibility.



* Some of the photos may include optional equipment.

Fast and Easy Maintenance

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

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Large open engine hood
Highly accessible engine compartment assures fast and efficient maintenance.

* Some of the photos may include optional equipment.



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Easy change air cleaner
The air filter is readily accessible for cleaning or replacement.



Brake fluid reservoir with level switch
When brake oil level becomes lower than Min. the warning lamp on the cluster lights on.



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



An accessible, compact fuse box for easy inspection



Portable side cover



Aluminum radiator with superb protection against heat



Engine oil condition check



Tool-less floor plate for serviceability.

7 Series

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Mast Specification (30DT-7)

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 (UNLOAD)			
						with bkr		w/o bkr		w/o bkr (3/4-SPOOL)				Single Tire		Double Tire		Single Tire		Double Tire		Single Tire		Double Tire	
		in	mm	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
2-STAGE LIMITED FREE LIFT	*V300	118.1	3000	80.3	2040	6.1	155	6.1	155	6.1	155	6	10	6000	3000	6000	3000	6000	3000	6000	3000	9168	4158	9361	4246
	V330	129.9	3300	86.2	2190							6	10	6000	3000	6000	3000	6000	3000	6000	3000	9212	4179	9406	4266
	V350	137.8	3500	90.2	2290							6	10	6000	3000	6000	3000	6000	3000	6000	3000	9251	4196	9445	4284
	V370	145.7	3700	96.1	2440							6	10	6000	3000	6000	3000	6000	3000	6000	3000	9302	4219	9495	4307
	V400	157.4	4000	102.0	2590							6	10	6000	3000	6000	3000	5950	2880	6000	2920	9370	4250	9563	4338
	V430	169.3	4300	107.9	2740							6	6	5950	2900	6000	2950	5840	2800	5950	2850	9486	4303	9679	4391
	V450	177.2	4500	113.8	2890							6	6	5840	2850	6000	2920	5730	2750	5840	2820	9536	4325	9729	4413
	V470	185.0	4700	117.7	2990							6	6	5730	2800	5890	2880	5620	2700	5780	2780	9569	4341	9763	4428
	V500	196.9	5000	123.6	3140							6	6	5620	2750	5780	2820	5510	2650	5620	2720	9619	4363	9813	4451
2-STAGE FULL FREE LIFT	VF295	116.1	2950	80.3	2040	33.9	860	51.7	1314	51.7	1314	6	6	6000	3000	6000	3000	6000	3000	6000	3000	9294	4216	9485	4302
	VF325	127.9	3250	86.2	2190	39.8	1010	57.6	1464	57.6	1464	6	6	6000	3000	6000	3000	6000	3000	6000	3000	9371	4251	9562	4337
3-STAGE FULL FREE LIFT	TF370	145.7	3700	72.4	1840	26.0	660	43.9	1114	38.4	975	6	6	6000	3000	6000	3000	5950	2880	6000	2880	9535	4325	9725	4411
	TF400	157.4	4000	76.4	1940	29.9	760	47.8	1214	42.3	1075	6	6	5890	2880	6000	2950	5780	2780	5890	2850	9589	4350	9779	4436
	TF430	169.3	4300	80.3	2040	33.9	860	51.7	1314	46.3	1175	6	6	5780	2830	5950	2880	5670	2730	5780	2780	9638	4372	9828	4458
	TF450	177.2	4500	84.3	2140	37.8	960	55.7	1414	52.2	1325	6	6	5670	2780	5840	2830	5560	2680	5670	2730	9694	4397	9884	4483
	TF470	185.0	4700	86.2	2190	39.8	1010	57.6	1464	52.2	1325	6	6	5560	2750	5730	2790	5510	2650	5620	2690	9725	4411	9915	4497
	TF500	196.9	5000	90.2	2290	43.7	1110	61.6	1564	56.1	1425	6	6	5450	2680	5620	2730	5340	2580	5510	2630	9774	4434	9964	4520
	TF550	216.5	5500	98.0	2490	51.6	1310	69.4	1764	65.9	1675	6	6	5340	2580	5400	2630	5180	2480	5290	2530	9871	4478	10062	4564
	TF600	236.2	6000	105.9	2690	59.4	1510	77.3	1964	73.8	1875	6	6	4145	1880	5230	2530	4290	1780	5070	2430	10026	4548	10216	4634
	TS370	145.7	3700	72.4	1840	26.0	660	43.9	1114	41.5	1053	6	6	6000	3000	6000	3000	5950	2880	6000	2880	9535	4325	9725	4411
	TS400	157.4	4000	76.4	1940	29.9	760	47.8	1214	45.4	1153	6	6	5890	2880	6000	2950	5780	2780	5890	2850	9589	4350	9779	4436
	TS430	169.3	4300	80.3	2040	33.9	860	51.7	1314	49.3	1253	6	6	5780	2830	5950	2880	5670	2730	5780	2780	9638	4372	9828	4458
	TS450	177.2	4500	84.3	2140	37.8	960	55.7	1414	55.2	1403	6	6	5670	2780	5840	2830	5560	2680	5670	2730	9694	4397	9884	4483
	TS470	185.0	4700	86.2	2190	39.8	1010	57.6	1464	55.2	1403	6	6	5560	2750	5730	2790	5510	2650	5620	2690	9725	4411	9915	4497
	TS500	196.9	5000	90.2	2290	43.7	1110	61.6	1564	59.2	1503	6	6	5450	2680	5620	2730	5340	2580	5510	2630	9774	4434	9964	4520
	TS550	216.5	5500	98.0	2490	51.6	1310	69.4	1764	69.0	1753	6	6	5340	2580	5400	2630	5180	2480	5290	2530	9871	4478	10062	4564
	TS600	236.2	6000	105.9	2690	59.4	1510	77.3	1964	76.9	1953	6	6	4145	1880	5230	2530	4290	1780	5070	2430	10026	4548	10216	4634
4-STAGE FULL FREE LIFT	QF610	240.7	6115	85.6	2175	37.6	955	57.0	1449	57.0	1449	3	3	3880	1780	4960	2270	3700	1680	4670	2170	10438	4735	10669	4839
	QF660	260.4	6615	93.5	2375	47.0	1195	64.9	1649	64.9	1649	3	3	3660	1670	4720	2160	3460	1570	4450	2060	10570	4794	10801	4899
	QF700	276.2	7015	97.4	2475	51.0	1295	68.9	1749	68.9	1749	3	3	3020	1370	4480	2050	2870	1270	4230	1950	10637	4825	10868	4930
	QF745	293.9	7465	103.3	2625	56.9	1445	74.8	1899	69.4	1762	3	3	2710	1050	4230	1920	2580	950	3990	1820	10738	4871	10969	4975
	QF790	311.6	7915	109.3	2775	62.8	1595	75.4	1915	69.4	1762	3	3	1680	750	2490	1090	1540	650	2270	990	10960	4971	11191	5076

※TS-Mast : Wide Visible 3-Stage Full Free Lift Mast with 2 Free Lift Cylinders.

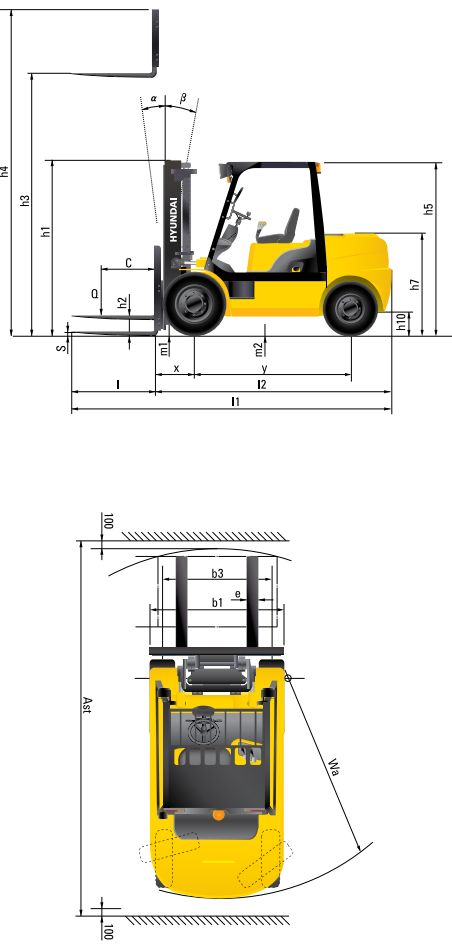
* Standard

Mast Specification (33DT-7)

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 (UNLOAD)			
						with bkr		w/o bkr		w/o bkr (3/4-SPOOL)		Fwd	Bwd	Single Tire		Double Tire		Single Tire		Double Tire		Single Tire		Double Tire	
														24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC				
		in	mm	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
2-STAGE LIMITED FREE LIFT	*V300	118.1	3000	83.1	2110	6.1	155	6.1	155	6.1	155	6	10	6500	3300	6500	3300	6500	3300	6500	3300	9764	4429	9876	4480
	V330	129.9	3300	89.0	2260							6	10	6500	3300	6500	3300	6500	3300	6500	3300	9816	4453	9928	4503
	V350	137.8	3500	92.9	2360							6	10	6500	3300	6500	3300	6500	3300	6500	3300	9851	4468	9963	4519
	V370	145.7	3700	98.8	2510							6	10	6500	3300	6500	3300	6500	3300	6500	3300	9903	4492	10015	4543
	V400	157.4	4000	104.7	2660							6	10	6500	3300	6500	3300	6500	3300	6500	3300	9974	4524	10086	4575
	V430	169.3	4300	110.6	2810							6	6	6500	3300	6500	3300	6500	3275	6500	3300	10092	4578	10204	4628
	V450	177.2	4500	116.5	2960							6	6	6500	3275	6500	3300	6500	3200	6500	3300	10144	4601	10256	4652
	V470	185.0	4700	120.5	3060							6	6	6500	3225	6500	3300	6440	3150	6500	3250	10179	4617	10291	4668
	V500	196.9	5000	126.4	3210							6	6	6440	3175	6500	3250	6330	3100	6500	3150	10231	4641	10343	4692
2-STAGE FULL FREE LIFT	VF295	116.1	2950	83.1	2110	36.6	930	54.5	1384	54.5	1384	6	6	6500	3300	6500	3300	6500	3300	6500	3300	9857	4471	10059	4563
	VF325	127.9	3250	89.0	2260	42.5	1080	60.4	1534	60.4	1534	6	6	6500	3300	6500	3300	6500	3300	6500	3300	9935	4506	10137	4598
3-STAGE FULL FREE LIFT	TF370	145.7	3700	74.4	1890	28.0	710	42.1	1069	42.1	1069	6	6	6500	3300	6500	3300	6500	3300	6500	3300	10171	4614	10373	4705
	TF400	157.4	4000	78.3	1990	31.9	810	46.0	1169	46.0	1169	6	6	6500	3275	6500	3300	6500	3200	6500	3300	10220	4636	10422	4727
	TF430	169.3	4300	82.3	2090	35.8	910	50.0	1269	50.0	1269	6	6	6500	3200	6500	3300	6390	3150	6500	3225	10266	4657	10468	4748
	TF450	177.2	4500	86.2	2190	39.8	1010	53.9	1369	53.9	1369	6	6	6440	3150	6500	3250	6280	3075	6500	3175	10314	4678	10516	4770
	TF470	185.0	4700	88.2	2240	41.7	1060	55.9	1419	55.9	1419	6	6	6330	3100	6500	3200	6220	3025	6390	3125	10343	4692	10545	4783
	TF500	196.9	5000	92.1	2340	45.7	1160	59.8	1519	59.8	1519	6	6	6220	3050	6390	3125	6110	2950	6280	3050	10393	4714	10595	4806
	TF550	216.5	5500	100	2540	53.5	1360	67.7	1719	67.7	1719	6	6	5952	2700	6170	3000	6000	2450	6000	2925	10490	4758	10692	4850
	TF600	236.2	6000	107.9	2740	61.4	1560	75.6	1919	75.6	1919	6	6	3858	1750	5950	2900	3520	1450	5780	2825	10649	4831	10851	4922
	TS370	145.7	3700	74.4	1890	28.0	710	42.1	1069	42.1	1069	6	6	6500	3300	6500	3300	6500	3300	6500	3300	10171	4614	10373	4705
	TS400	157.4	4000	78.3	1990	31.9	810	46.0	1169	46.0	1169	6	6	6500	3275	6500	3300	6500	3200	6500	3300	10220	4636	10422	4727
	TS430	169.3	4300	82.3	2090	35.8	910	50.0	1269	50.0	1269	6	6	6500	3200	6500	3300	6390	3150	6500	3225	10266	4657	10468	4748
	TS450	177.2	4500	86.2	2190	39.8	1010	53.9	1369	53.9	1369	6	6	6440	3150	6500	3250	6280	3075	6500	3175	10314	4678	10516	4770
	TS470	185.0	4700	88.2	2240	41.7	1060	55.9	1419	55.9	1419	6	6	6330	3100	6500	3200	6220	3025	6390	3125	10343	4692	10545	4783
	TS500	196.9	5000	92.1	2340	45.7	1160	59.8	1519	59.8	1519	6	6	6220	3050	6390	3125	6110	2950	6280	3050	10393	4714	10595	4806
	TS550	216.5	5500	100	2540	53.5	1360	67.7	1719	67.7	1719	6	6	5952	2700	6170	3000	6000	2450	6000	2925	10490	4758	10692	4850
	TS600	236.2	6000	107.9	2740	61.4	1560	75.6	1919	75.6	1919	6	6	3858	1750	5950	2900	3520	1450	5780	2825	10649	4831	10851	4922
4-STAGE FULL FREE LIFT	QF610	240.7	6115	87.6	2225	41.1	1045	57.0	1449	57.0	1449	3	3	4060	1950	5840	2830	3900	1850	5620	2730	10928	4957	11141	5054
	QF660	260.4	6615	95.5	2425	49.0	1245	64.9	1649	64.9	1649	3	3	3860	1850	5580	2700	3700	1750	5360	2600	11061	5017	11274	5114
	QF700	276.2	7015	99.4	2525	53.0	1345	68.9	1749	68.9	1749	3	3	3240	1550	5310	2580	3090	1450	5110	2480	11126	5047	11340	5144
	QF745	293.9	7465	105.3	2675	58.9	1495	74.8	1899	73.3	1862	3	3	2090	1000	5050	2440	1980	900	4920	2340	11220	5090	11434	5186
	QF790	311.6	7915	111.2	2825	64.8	1645	79.3	2015	73.3	1862	3	3	1260	600	2710	1300	1150	500	2560	1200	11449	5193	11663	5290

7 Series

Dimension

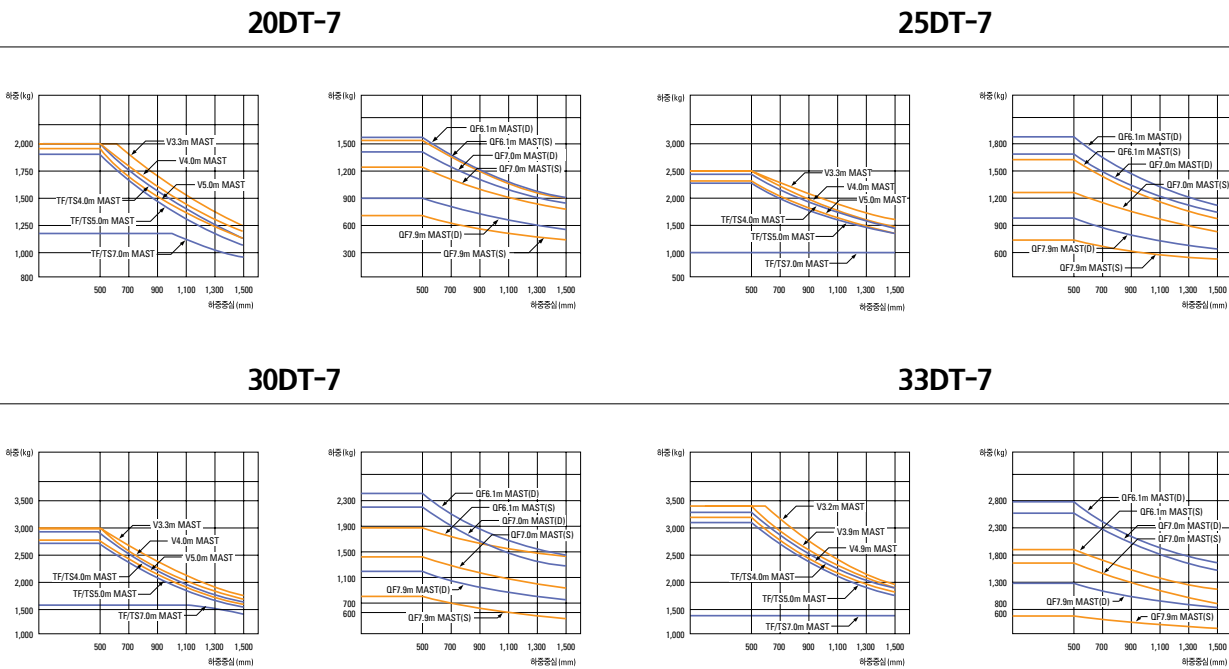


Specification

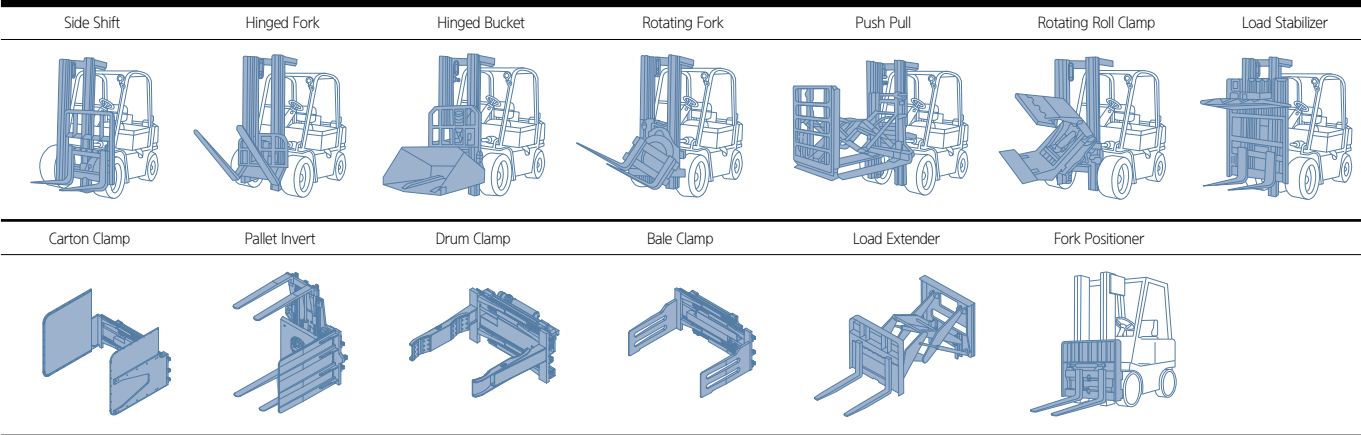
Identification					
1.1	Manufacturer	Hyundai	Hyundai	Hyundai	Hyundai
1.2	Manufacturer's type designation	20DT-7	25DT-7	30DT-7	33DT-7
1.3	Drive: electric(battery or mains),diesel,petrol,fuel gas>manual	DIESEL	DIESEL	DIESEL	DIESEL
1.4	Type of operation:hand,pedestrian,standing,seated,order-picker	seated	seated	seated	seated
1.5	Load capacity / rated load	kg 2,000	2,500	3,000	3,300
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	1,650	1,700	1,700
Weights					
2.1	Service weight(including battery)	kg 3,417	3,731	4,212	4,494
2.2	Axle loading, loaded front/rear	kg 4,732 / 685	5,460 / 771	6,183 / 929	6,840 / 955
2.3	Axle loading, unloaded front/rear	kg 1,558 / 1,859	1,493 / 2,238	1,631 / 2,581	1,660 / 2,835
Wheels, Chassis					
3.1	Tires:solid rubber, superelastic, pneumatic, polyurethane	Pneumatic	Pneumatic	Pneumatic	Pneumatic
3.2	Tires size, front	7.00-12-12PR	7.00-12-12PR	8.15-15-14PR	8.15-15-14PR
3.3	Tires size, rear	6.50-10-12PR	6.50-10-12PR	6.50-10-12PR	6.50-10-12PR
3.5	Wheels, number front x rear(x=driven wheels)	2x / 2	2x / 2	2x / 2	2x / 2
3.6	Track width, front	mm 965	965	1,005	1,005
3.7	Track width, rear	mm 980	980	980	980
Basic Dimensions					
4.1	Mast / fork carriage tilt forward / backward	degrees 6 / 10	6 / 10	6 / 10	6 / 10
4.2	Lowered mast height	h1 (mm) 2,025	2,025	2,040	2,260
4.3	Free lift	h2 (mm) 155	155	155	155
4.4	Lift height	h3 (mm) 3,005	3,005	3,005	3,305
4.5	Extended mast height	h4 (mm) 4,185	4,185	4,185	4,485
4.7	Overhead load guard(cab) height	h5 (mm) 2,160	2,160	2,180	2,180
4.8	Seat height / standing height	h7 (mm) 1,110	1,110	1,130	1,130
4.12	Coupling height	h10 (mm) 283	283	299	299
4.19	Overall length	l1 (mm) 3,597	3,657	3,742	3,782
4.20	Length to face of forks	l2 (mm) 2,547	2,607	2,692	2,732
4.21	Overall width	b1 (mm) 1,160 / 1,515	1,160 / 1,515	1,230 / 1,515	1,230 / 1,515
4.22	Fork dimensions(hook type)	l / e / s (mm) 1,050x100x45	1,050x100x45	1,050x122x45	1,050x122x45
4.23	Fork carriage ISO 2328, class / type A,B	II / A	II / A	III / A	III / A
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	130	145	145
4.32	Ground clearance, centre of wheelbase	m2(mm) 171	171	189	189
4.33	Aisle width for pallets 1,000x1,200 crossways(LxW)	Ast(mm) 3,928	3,981	4,066	4,102
4.34	Aisle width for pallets 800x1,200 lengthways(WxL)	Ast(mm) 4,128	4,181	4,266	4,302
4.35	Turning radius	Wa(mm) 2,260	2,313	2,398	2,463
Performance Data					
5.1	Travel speed, unloaded	km/h 20.5	20.5	21.5	21.4
5.2	Lift speed, loaded/ unloaded	mm/s 600 / 610	590 / 600	490 / 500	480 / 500
5.3	Lowering speed, loaded/unloaded	mm/s 500 / 450	500 / 450	500 / 450	500 / 450
5.5	Drawbar pull, loaded	kg 2,118	2,134	2,024	2,031
5.7	Gradient performance, loaded/ unloaded	% 37.3	32.2	26.0	24.0
5.10	Service brake	Foot	Foot	Foot	Foot
Engine					
6.1	Engine manufacturer / type	HYUNDAI WIA / WC30D	HYUNDAI WIA / WC30D	HYUNDAI WIA / WC30D	HYUNDAI WIA / WC30D
6.2	Rated output	ps/rpm 60 / 2,500	60 / 2,500	60 / 2,500	60 / 2,500
6.3	Maximum torque	kgf.m/rpm 18.7 / 1,800	18.7 / 1,800	18.7 / 1,800	18.7 / 1,800
6.4	No. of cylinder / cubic capacity	EA/cc 4 / 2,957	4 / 2,957	4 / 2,957	4 / 2,957
6.5	Oil volume	ℓ 54	54	54	54
Other Details					
8.2	Operating pressure(system / attach)	kgf/cm ² 200 / 165	200 / 165	200 / 165	200 / 165
	Attach oil volume (Max.)	ℓ/min 54	54	54	54

20/25/30/33DT-7

Load Capacity



Various Attachments



Optional Items

- Cabin & Heater
- Sideshift, Fork Positioner
- Integrated Sideshift, Integrated Sideshift with Fork Positioner (Sync)
- Fork (mm)
 - 20/25DT-7 900 / 1,000 / 1,200 / 1,350 / 1,500 / 1,650 / 1,800 (1,050 STD)
 - 30/33DT-7 900 / 1,150 / 1,200 / 1,350 / 1,500 / 1,650 / 1,800 / 2,400 (1,050 STD)
- Tilting : 6° / 6°, 3° / 3°
- Tire
 - Solid, Non-marking
 - Double tire (Front)
- Exhaust (Horizontal)
- Master S/W
- MCV
- 4-SPOOL
- MAST
 - 2-Stage full free lift
 - 3-Stage full free lift
 - 4-Stage full free lift
- Pre Cleaner
- Seat
 - Grammer
 - (Arm rest, Buckle sw, Seat belt interlock)
- OPSS(Travel, Travel+Mast)
- Load Weight Indicator

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