Optional Items

• FORK (L x W x T)(mm)

110D-7E

75 x 200 x 1,200 / 75 x 200 x 1,500 / 75 x 200 x 1,650 / 75 x 200 x 1,800 / 75 x 200 x 2,100 / 85 x 200 x 2,440 **130D-7E**

85 x 200 x 1,200 / 85 x 200 x 1,500 / 85 x 200 x 1,650 / 85 x 200 x 1,800 / 85 x 200 x 2,100 / 90 x 200 x 2,440 **140D-7E**

85 x 200 x 1,200 / 90 x 200 x 1,500 / 90 x 200 x 1,650 / 90 x 200 x 1,800 / 90 x 200 x 2,100 / 90 x 200 x 2,440

160D-7E

90 x 200 x 1,200 / 90 x 200 x 1,500 / 90 x 200 x 1,650 / 95 x 200 x 1,800 / 95 x 200 x 2,100 / 95 x 200 x 2,440

- MAST : SIMPLEX MAST / TRIPLEX MAST
- **OVER SHOE** : 1,800/ 2,000 / 2,200 / 2,400 / 2,600
- MCV: 4 SPOOL/ 5 SPOOL

• SEAT : NON HEAT / HEAT

• BEACON LAMP : AMBER / RED / BLUE

• FORK POSITIONER: 82/100

• INTEGRAL SIDE SHIFT

- INTEGRAL SIDE SHIFT + FORK POSITIONER
- HYDRAULIC LINE: 3 SPOOL/4 SPOOL/5 SPOOL
- SOLID TIRE
- PNEUMATIC TIRE : LUG / SMOOTH(14/16 ONLY)

• WIDE CARRIAGE (2,730 mm)







110D/130D/140D/160D -7E



HYUNDAI DIESEL FORKLIFT TRUCKS Applied Tier 3 Engine

110D/130D/140D/160D-7E

Head Office(Sales Office) 1 JEONHA-DONG, DONG-GU, ULSAN, KOREA Tel (82) (52) 202-7970, 7729, 0971 Fax (82) (52) 202-7979,

U.S. Operation : Hyundai Construction Equipment U.S.A., Inc. 955 ESTES AVENUE, ELK GROVE VILLAGE IL.,60007 Tel (1) 847-437-3333 Fax (1) 847-437-3574

European Operation : Hyundai Heavy Industries Europe N.V. VOSSENDAAL 11, 2440 GEEL, BELGIUM Tel (32) 14-56-2200 Fax (32) 14-59-3405

India Operation : Hyundai Construction Equipment India Pvt., Ltd PLOT NO.A-2, CHAKAN INDUSTRIAL AREA, VILL-- KHALUMBRE. TALUK-- KHED., DIST.- PUNE 410 501, INDIA Tel (91) 21-3530-1700 Fax (91) 21-3530-1712

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	PLEASE CONTACT	
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	www.hyundai-ce.com	2009. 07 Rev 0.



We build a better future



Ability of best, the new master on the job-site!

Smooth running, efficient and ergonomically designed, 110D/130D/140D/160D-7E series are made to meet your needs.



162ps/2,200rpm 74.6kgf+m/1,400rpm

Full-automatic Transmission

two kinds of automatic modes. $(1st \leftrightarrow 3rd, 2nd \leftrightarrow 3rd)$

Full-automatic transmission gives easy, convenient handling and soft, smooth shifting. The operator can select

Powerful Engine Cummins **QSB5.7 Engine**

The six cylinders turbo-charged engine is built for power, reliability and economy. This engine meets EPA Tier 3 and EU stage IIIA emission regulation.

Engine Control Mode

According to operating load, the operator can select engine mode by changing side panel switch.

STD Mode : Fuel reduction mode for light-duty operating load POWER Mode : Heavy-duty or operating at slope

Adjustable Engine Low Idle RPM While engine runs, low idle rpm can be increased by unit of 25rpm and it keeps previously set rpm when engine restarts.





Cruise Control It offers the ability to automatically maintain a desired engine speed with no accelerator pedal input and reduce fuel consumption.



Transmission Control Switch



Excellent Night Work - Variety position of work lamp provides the operator more comfortable and safe operating environments. - Front : fender(2), mast(2) - Rear : cab(2)



Increased Mast Tilting Angle Utilizing the mast tilting angle of 15 degrees forward and 12 degrees backward, the operator can perform loading and unloading jobs safely and rapidly.

Faster Travel Speed & Better Gradability





Λ4

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

Gradability(Loaded)

110D-7E : 36.8 % 140D-7E : 30.0% 130D-7E: 33.2% 160D-7E: 27.5%

Travel Speed(Unloaded)

110D-7E : 35.0km/h 130D-7E : 34.8km/h 140D-7E : 33.8km/h 160D-7E : 33.6km/h

Ergonomic driving space design!

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

Operator Friendly Gauges and Water-resistant Monitor Panel





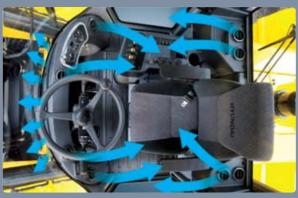
Easily Adjustable Suspension Seat

An attractive and adjustable seat, based on a human engineering design, provides great comfort, safety and durability. (Head Rest - option)

High-output Air Conditioner & Heater An air conditioner with integrated the condenser is mounted on upper side of the cabin to make a wide room in the cabin. And an air conditioner with high-output and heater always provide you comfortable environment when you work.









ESL(Engine Start Limit) / Rear View Camera Monitor

Engine starting is possible after password verifying, when password is not correct, intercepts the fuel injection of engine. Whether to use ESL can be selected from the menu of the monitor. The rear view camera makes the operation more easy and convenient. And it supports 4 camera channels.



Centralized Instrument Switch Panel



MP3 CD Player & Remote Control



Hands Free Socket



Quick Response of Operating Control Levers Only minimal operator's effort is required for precise, safe and productive control. (3-Lever: standard / 4 · 5-Lever: option)



Ergonomically Positioned Pedals Based on human engineering ; the accelerator, brake and inching pedals are optimally positioned for the operator's convenience.





Adjustable Steering Column

Steering handle is adjustable depending on the operator's body shape. Adjustability of steering column makes you more comfortable.

Danger-free through high durability!

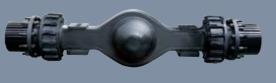
Safety and durability are priorities in design of the equipment.



Up-to-date Cooling System The minimum fuel consumption and low noise are available by applying hydraulic cooling fan sensing intake air temperature, transmission oil temperature, coolant temperature and hydraulic temperature.



OPSS(Operator Presence Sensing System) Control of mast tilting, lifting and lowering is not possible through operation of the appropriate control when the operators is not in the normal position.



Durable Drive Axle The hypoid type planetary reduction drive axle smoothly delivers desired torque to the drive wheels.



The parking brake is engaged automatically when the transmission is neutral and the operator leaves the seat.





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



Fitted Protector for Hub Bolts Durability has improved by applying protector for preventing bolts breakage. (Easy parts supply due to the wheel in common with front wheel)



Cylinder Guard This guard helps to prevent possible damage from any foreign material.



Grease Fittings Grease fittings are installed for fast access to steering axle center pin when doing your service checks.





Highly Durable Mast & Carriage Side Roller Side roller with great durability for mast and carriage is included.



Highly Durable Carriage The carriage is very strong cause of applying the high tensile structural steel which has a excellent durability. Work at the narrow space is easy because the width of carriage is narrower then overall width of the vehicle.



Large Footboard & Handle Wide "open" step offers convenience and safety when entering and exiting the truck.

Centralized design for easy service!

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



Large Engine Hood Highly accessible engine compartment

assures fast and efficient maintenance.



Easy Change Air Cleaner This air filter is readily accessible for cleaning or replacement.

Cabin Air Fresh Filter The internal pressure is maintained to be slightly higher than that of outside to exclude dust and to reduce noise levels.



Cabin Tilting Automatic System Cabin tilting automatic system makes servicing of all power train components quick and easy. An electrically assisted hydraulic actuated cylinder tilts operator cabin to left side about 65 degrees for easy access to inside

of truck components.





Compact fuse Box for Easy Inspection



Mechanic Friendly Fuel Filter Replacement Highly accessible engine compartment allows for quick replacement of filters.



Electrically Monitored Air Filter

Air cleaner sensor alerts the operator of a clogged air filter and allows opened by a self locking gas spring. replacement before damage.



Automatic Self Locking Gas Spring Engine compartment hood is safely



Master Switch A master switch disconnects the battery power to protect the electrical system from excess electrical drainage.



Large Tool Box



Pressure Gauge Port

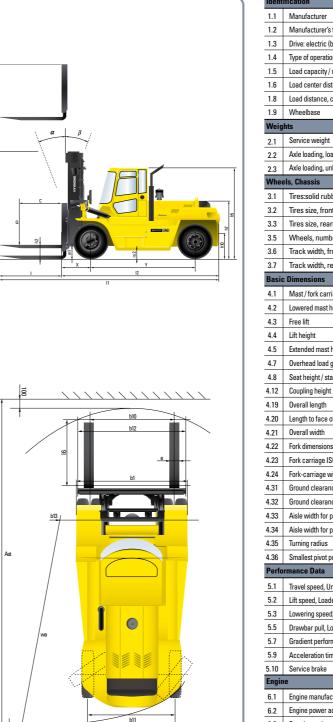


Easy Maintenance Oil Check

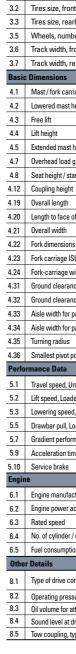
			Mas	st Specificat	tion			
Mast Type		Maximum Fork Height (mm)	Overall Height Lowerd (mm)		Load Capacity (600mm LC)(kg)		Truck Weight Unloaded (kg)	
			110D/130D-7E		110D-7E	130D-7E	110D-7E	130D-7E
2-Stage Limited Free Lift	V300	3,005	3,000	15/12	11,000	13,000	15,722	16,427
	* V330	3,305	3,150	15/12	11,000	13,000	15,797	16,503
	V350	3,505	3,250	15/12	11,000	13,000	15,847	16,552
	V400	4,005	3,550	15/12	11,000	13,000	16,100	16,805
	V450	4,505	3,800	15/12	11,000	12,600	16,225	16,930
	V500	5,005	4,100	15/12	11,000	12,200	16,374	17,079
	V550	5,505	4,350	15/12	11,000	11,800	16,605	17,310
	V600	6,005	4,650	15/12	10,600	11,400	16,757	17,462
	V650	6,505	4,900	15/12	10,300	11,100	16,890	17,595
	V700	7,005	5,150	15/12	10,000	10,800	17,021	17,726
3-Stage	TF440	4,405	2,950	10/10	11,000	12,300	16,761	17,467
	TF470	4,705	3,050	10/10	11,000	12,100	16,832	17,538
	TF500	5,005	3,150	10/10	11,000	11,800	16,903	17,609
Full	TF550	5,505	3,317	10/10	10,600	11,500	17,070	17,776
Free Lift	TF600	6,005	3,484	10/10	10,300	11,100	17,188	17,894
	TF650	6,505	3,651	10/10	9,600	10,800	17,402	18,108
	TF700	7,005	3,818	10/10	8,700	10,500	17,521	18,227
Mast Type		Maximum Fork Height (mm)	Overall Height Lowerd (mm)		Load Capacity (600mm LC)		Truck Weight Unloaded (kg)	
			140D/160D-7E		140D-7E	160D-7E	140D-7E	160D-7E
	V295	2,950	2,950	15/12	14,000	16,000	18,120	18,977
	V300	3,010	3,250	15/12	14,000	16,000	18,284	19,141
	* V330	3,310	3,400	15/12	14,000	16,000	18,378	19,235
	V350	3,510	3,500	15/12	14,000	16,000	18,423	19,280
2-Stage Limited Free Lift	V400	4,010	3,750	15/12	14,000	16,000	18,710	19,567
	V450	4,510	4,000	15/12	14,000	15,900	18,865	19,722
	V500	5,010	4,300	15/12	14,000	15,900	19,047	19,904
	V550	5,510	4,550	15/12	13,600	15,200	19,316	20,173
	V600	6,010	4,850	15/12	13,200	14,600	19,498	20,355
	V650	6,510	5,125	15/12	12,800	14,100	19,664	20,521
	V700	7,010	5,375	15/12	12,500	13,800	19,815	20,672
3-Stage Full Free Lift	TF395	3,964	2,950	10/10	14,000	15,600	19,385	20,254
	TF450	4,504	2,950	10/10	13,900	15,300	19,546	20,415
	TF500	5,004	3,297	10/10	13,500	14,900	19,721	20,590
	TF550	5,504	3,464	10/10	12,900	14,500	19,904	20,773
	TF600	6,004	3,631	10/10	12,600	14,100	20,059	20,923
	TF650	6,504	3,798	10/10	12,200	13,700	20,338	21,207
	TF700	7,004	3,965	10/10	11,900	13,400	20,481	21,350

Load Capacity

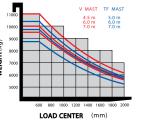
5.0 m 6.0 m 7.0 m



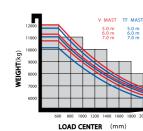
Dimension

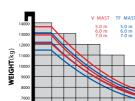






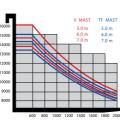
110D-7E





140D-7E

LOAD CENTER (mm)



160D-7E

LOAD CENTER (mm)

100

Specification

11 Mundai Pyrondia Pyrondia Pyrondia Pyrondia 12 Manufacture' type disputtoficual gammanul DIGSE ZISE ZISE <t< th=""><th>Ident</th><th>ification</th><th></th><th></th><th></th><th></th><th></th></t<>	Ident	ification								
13 Drive electric (battery or mains), direct petrol/or ginker DESEL	1.1	Manufacturer		Hyundai	Hyundai	Hyundai	Hyundai			
14 Type of operationthangkadestriau,standing.seated, of deriptiker seated s	1.2	Manufacturer's type designation		110D-7E	130D-7E	140D-7E	160D-7E			
15 Lad capacity/rated toad 0 (t) 110 130 14.0 16.0 16 Lad catter distance c (mm) 500 600 600 600 17 Wheebase y(mn) 2,300 2,300 3,300 3,300 Vietabase y(mn) 2,300 2,300 2,300 2,300 3,300 21 Savies weight kg 15,777 15,573 18,378 11,225 22 Ade badring loaded front/mar kg 2,384/1,704 2,702/1,600 2,329/1,923 2,199/1,241 23 Ade badring loaded front/mar kg 2,382/1,785 2,021,080 3,028/1,0394 2,329/1,223 2,199/1,241 23 Tress coling runder for thrain kg 2,382/1,785 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2,241 2,199/2,241	1.3	Drive: electric (battery or mains),diesel,petrol,fuel ga	as,manual	DIESEL	DIESEL	DIESEL	DIESEL			
1.6 Lod center distance c (mi) 600 600 600 600 600 18 Lod distance, center d'hre ante to fork xtmm 755 770 800 855 11 Wheabas ytmm 2:300 2:300 3:300 3:300 21 Sovice wright kg 2:34/1706 2:307/1705	1.4	Type of operation:hand,pedestrian,standing,seated,	order-picker	seated	seated	seated	seated			
1.8 Lod distance, center of drive axie to fork x/mm 755 760 830 835 1.9 Whenbase y/mm 2,000 2,000 3,000 3,300 2.1 Service weight kg 15,777 11,502 11,8278 11,827 11,20-20	1.5	Load capacity / rated load	Q. (t)	11.0	13.0	14.0	16.0			
19 Wheabuse ymm) 2,300 2,300 3,300 3,300 Weights U 1577 16,503 18,378 18,275 21 Savie woight kg 12,377 16,503 12,376 23,300/3,205 23,189/3,205 23,189/3,205 23,309/3,205 33,037/3,954 23 Adia loading, undodd frunt/nam kg 23,677,776 24,027/3,805 23,302/3,956 33,037/3,954 31 Tires size, fronti width x 0 > 100 - 20 100 - 20 112 - 20 120 - 20 120 - 20 120 - 20 120 - 20 120 - 20 120 - 20 120 - 20 120 - 20 150 20 776 Weight mumber front x rear (s- driven wheeld) 4 + 2 <th1 +="" 2<="" th=""> <th1 +="" 2<="" th=""> <th1 +="" 2<<="" td=""><td>1.6</td><td>Load center distance</td><td>c (mm)</td><td>600</td><td>600</td><td>600</td><td>600</td></th1></th1></th1>	1.6	Load center distance	c (mm)	600	600	600	600			
Neight No No 2.1 Service weight kg 15,797 15,503 18,378 15,275 2.2 Axie loading, unloaded front/var kg 2,387,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 2,329,1283 3,328,129,234 2,329,128 1,322 1,28,2 1,342 </td <td>1.8</td> <td>Load distance, center of drive axle to fork</td> <td>x(mm)</td> <td>755</td> <td>760</td> <td>830</td> <td>835</td>	1.8	Load distance, center of drive axle to fork	x(mm)	755	760	830	835			
2.1 Service weight kg 15,797 15,503 18,278 18,228 2.2 Ade loading, loaded ford/rear kg 23,947,706 23,907,285 23,907,285 23,907,928 23,947,928 23,947,928 23,947,928 23,947,928 23,947,928 23,947,928 23,947,928 23,947,928 23,947,928 23,947,928 23,947,928 23,947,928 23,947,928 23,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 30,947,928 12,0-20 12,0-21 12,0-120 12,0-21	1.9	Wheelbase	y(mm)	2,900	2,900	3,300	3,300			
2.2 Adv loading, loaded front/tear by 23, 84/17,104 29,207,186 29,207,186 29,207,186 20,207,196 29,207,196 20,207,196 20,207,196 20,207,196 20,207,196 20,207,196 20,207,196 20,207,196 20,207,196 20,207,196 20,207,196 20,207,196 20,207,196 20,207,196 <t< td=""><td>Weig</td><td>hts</td><td></td><td></td><td></td><td></td><td></td></t<>	Weig	hts								
2.3 Adve loading, unloaded form/tear Ip 2.887 / 7265 2.882 / 8.88 3.028 / 9.095 3.036 / 9.994 3.1 Tress size, form(width x c) 100 - 20 100 - 20 120 - 2	2.1	Service weight	kg	15,797	16,503	18,378	19,235			
Wheels, Chassis Preumatic	2.2	Axle loading, loaded front/rear	kg	23,844 / 7,704	26,702 / 7,605	29,350 / 9,283	32,199 / 9,241			
3.1 Tressolid rubber, superplastic, pneumatic, polyurethane Pneumatic Pneumatic<	2.3	Axle loading, unloaded front/rear	kg	2,625 / 7,765	2,802 / 8,898	3,028 / 9,095	3,036 / 9,994			
3.2 Tires size, front(width $x \phi$) 100-20 100-20 120-20 120-20 120-20 3.5 Tres size, rearl (width $x \phi$) 100-20 100-20 100-20 100-20 100-20 120-20 120-20 3.5 Wheels, number front $x cara (x-driven wheels) 4 x2 4 k2 4 k2 4 k2 1842 3.7 Track width, front b10 (mm) 1,842 1,842 1,842 1,842 3.7 Track width, front b10 (mm) 1,842 1,842 1,842 4.8 Track width, froar b11 (mm) 1,900 1,255 1,555 Basic Dimensions Track width, froar b11 (mm) 3,000 3,000 3,250 2,250 4.2 Lowered mast height h31 (mm) 2,000 2,200 2,285 2,385 4.8 Sath height h31 (mm) 1,723 1,724 1,744 1,749 1.2 Couging height h11 (mm) 5,850 5,855 6,250 6,255 4.2 $	Whee	Wheels, Chassis								
3.3 Tree size, rear (width $x o$) 10.0 - 20 10.0 - 20 12.0 - 20 12.0 - 20 3.5 Winels, number forux x rear (x-driven wheels) 4.X	3.1	Tires:solid rubber, superplastic, pneumatic, pol	yurethane	Pneumatic	Pneumatic	Pneumatic	Pneumatic			
3.5 Wheels, number front x rear (x-driven wheels) 4 x2 4 x2 4 x2 4 x2 4 x2 1 x2 3.6 Track width, rear b10 (mm) 1,842 1,842 1,842 1,842 3.7 Track width, rear b11 (mm) 1,910 1,955 1,555 3.6 Track width, rear b11 (mm) 0,000 3,000 3,250 4.1 Mest/fork carriage thictoward/backward(a / β) degrees 15/12 15/12 15/12 15/12 4.2 Lowered mast height b1 (mm) 3,000 3,000 3,250 3,250 4.3 Free fit h2 (mm) 0 0 0 0 0 4.4 Litheight h3 (mm) 4,465 4,710 4,710 4,710 4.7 Deerheal lead guard (cab height h5 (mm) 2,900 2,305 2,325 4,825 4.12 Courgine height h0 (mm) 600 600 600 600 600 600 600 600 600				10.0 - 20	10.0 - 20					
3.6 Track width, front b10 (mm) 1,842 1,842 1,842 1,842 3.7 Track width, froar b11 (mm) 1,910 1,310 1,955 1,355 Basic Dimensions 1 Mart / fork carriage th floward / backward(a / B / b degrees 15/12 15/11 15/12 15/12 15/12 15/12 15/12 15/12 15/12 15/12 15/12 <td></td> <td>Tires size, rear(width x ϕ)</td> <td></td> <td></td> <td>10.0 - 20</td> <td></td> <td></td>		Tires size, rear(width x ϕ)			10.0 - 20					
3.7 Track width, rear b11 (mm) [310 1,810 1,965 1,865 Basi/ tork carriage lift toward/ backward(α / β / degrees 15/12<				4 x 2						
Basic Dimensions Invest for k carriage tilt forward / backward (a / β) degress 15/12 15/12 15/12 15/12 4.1 Mast / for k carriage tilt forward / backward (a / β) degress 15/12 16/14 16/14 16/14 16/14 16/14 16/14 16/14 16/14 16/14 16/14 16/14 17/14 17/14 17/14 17/14 17/14 17/14 17/14 17/14 17/14 17/14 17/14 17/14 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>										
4.1 Mast / fork carriage tilt forward / backward (a / β) degrees 15/12 15/12 15/12 15/12 4.2 Lowered mast height h1 (mm) 3,000 3,250 3,250 4.3 Free fit h2 (mm) 0 0 0 0 4.4 Lith height h3 (mm) 3,005 3,010 3,010 4.4 Lith height h3 (mm) 4,465 4,4710 4,710 4.7 Overhead load guard (cab) height h5 (mm) 2,900 2,335 2,335 4.8 Seat height h10 (mm) 6,00 6,00 6,00 6,00 4.10 Louging height h10 (mm) 5,805 6,220 6,255 4,20 Length to face of forks 2 (mm) 4,340 4,345 4,900 4,905 4.21 Dverall width b1 (mm) 2,450 2,497 2,497 2,497 4.22 Fork dimensions s / e / (mn) 5,235 6,230 6,560 6,390 6,365 4.31 </td <td>-</td> <td></td> <td>b11 (mm)</td> <td>1,910</td> <td>1,910</td> <td>1,955</td> <td>1,955</td>	-		b11 (mm)	1,910	1,910	1,955	1,955			
4.2 Lowered mast height h1 (mm) 3,000 3,000 3,250 3,250 4.3 Free lift h2 (mm) 0 0 0 0 4.4 Lift height H3 (mm) 3,005 3,005 3,010 3,010 4.5 Extended mast height H4 (mm) 4,465 4,465 4,710 4,710 4.7 Owerhead load guard (cab) height H5 (mm) 2,930 2,2355 2,835 4.8 Seat height / standing height H5 (mm) 6,290 600 600 600 600 4.19 Overall length H1 (mm) 5,880 5,685 6,250 4,245 2.20 Largith face of forits E2 (mm) 4,340 4,345 4,900 4,905 4.21 Overall width b1 (mm) 2,460 2,457 2,487 4.22 Fork carriage Width b12 (mm) 2,357 2,347 2,487 4.22 Fork carriage width b12 (mm) 2,357 2,487 2,487 <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	_									
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Engine Cummins QSB6.7 Cummins QS6.7				hydraulic	hydraulic	hydraulic	hydraulic			
A. Degree power acc. to ISO 1585 kW 119 110 110 11.0 11.0 11.0 11.1 11.1 11.1 11.1 11.1 11.5 11.5 0 100 130 130 130 130 130 130 130 130 130 130 130 130 130 130										
6.3 Rated speed 1/min 2,200 6,6,700 6,7,800 700 700 700 700 700 700 700 700 700 700 700 700	6.1	Engine manufacturer / type		Cummins QSB6.7	Cummins QSB6.7	Cummins QSB6.7	Cummins QSB6.7			
6.4 No. of cylinder / cubic capacity /cm ² 6/6,700 7/0,703 7/0,703 7/0,703 7/0,703 7/0,703 7/0	6.2	Engine power acc. to ISO 1585	kW	119	119	119	119			
6.5 Fuel consumption acc. To VDI cycle ℓ /h 11.0 11.5 11.5 Other Details Toque Convert 3/3 Toque Convert 3/3 Toque Convert 3/3 Sourt Toque Convert 3/3 Sourt Toque Convert 3/3 Sourt Sou		Rated speed	1/min	2,200	2,200	2,200	2,200			
Other Details 8.1 Type of drive control Toque Convert 3/3 Toque Conve	6.4	No. of cylinder / cubic capacity	/cm ³	6 / 6,700	6 / 6,700	6 / 6,700	6 / 6,700			
8.1 Type of drive control Toque Convert 3/3 Toque Convert 3/3 Toque Convert 3/3 Toque Convert 3/3 Toque Convert 3/3 8.2 Operating pressure for attachments bar 150 150 150 8.3 Oil volume for attachments l/min 295 295 295 8.4 Sound level at driver's ear according to DIN 12 053 db(A) 82 82 82	6.5	Fuel consumption acc. To VDI cycle	ℓ /h		11.0					
8.1 Type of drive control 3/3 3/3 3/3 3/3 8.2 Operating pressure for attachments bar 150 150 150 8.3 Oil volume for attachments l/min 295 295 295 8.4 Sound level at driver's ear according to DIN 12 053 db(A) 82 82 82	Other Details									
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8.3 Oil volume for attachments I/min 295 295 295 8.4 Sound level at driver's ear according to DIN 12 053 db(A) 82 82 82			har							
8.4 Sound level at driver's ear according to DIN 12 053 db(A) 82 82 82 82										
8.5 Tow coupling, type DIN	8.4									
	8.5	Tow coupling, type DIN		-	-	-	-			