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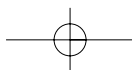
NEW
HDF 15/18-5

- 1,500 kg(3,000 lb)
- 1,750 kg(3,500 lb)

Tier II Engine



■ Photo may include optional equipment.



The HDF 5 Series

HDF15/18-5

Designed with a durable frame and built to offer excellent stability and smooth ride, HDF 5 Series trucks are real workhorses.

From external / internal loading and unloading of trucks and containers to yard work for the construction industry, whatever requirement arise, you can trust an HDF 5 Series truck to lift your business to greater heights.



■ Photo may include optional equipment.

KUBOTA V2203-M ENGINE

43.1 ps / 2,400 rpm

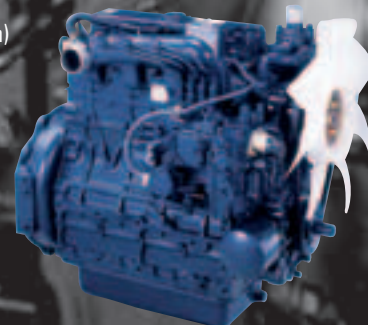
Powerful engine

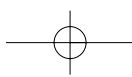
Equipped with power (43.1ps/2,400rpm) and durability of the latest Kubota engine, Hyundai's forklifts have the extra power necessary for heavy loading on steep and rugged sites.

Low noise / Low emission engine

This engine meets Tier II emissions regulations. The compact engine size offers easy accessibility and serviceability.

- EU / EPA Tier II certified
- UL certified

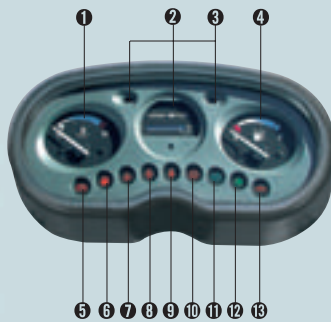




Superior Power & High Performance

Smooth running, efficient and ergonomically designed, HDF15/18-5 series are made to meet your needs.

Concentrated instrument panel



- ① Water temperature gauge
- ② Hour meter
- ③ Directional indicators
- ④ Fuel gauge
- ⑤ Parking lamp(Optional)
- ⑥ Fuel warning lamp
- ⑦ Engine oil warning lamp
- ⑧ Transmission oil temperature warning lamp
- ⑨ Battery charging warning lamp
- ⑩ Air cleaner filter warning light
- ⑪ Headlight indicator
- ⑫ Working light indicator
- ⑬ Pre-heater indicator

Increased mast tilting angle

Utilizing the mast tilting angle of 6 degrees forward and 10 degrees backward gives the operator a safe and rapid platform for loading and unloading jobs.



Faster travel speed & gradeability

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

Travel speed(MAX)

HDF15-5 20,0 (12,4) km/h (mph)
HDF18-5 20,0 (12,4) km/h (mph)

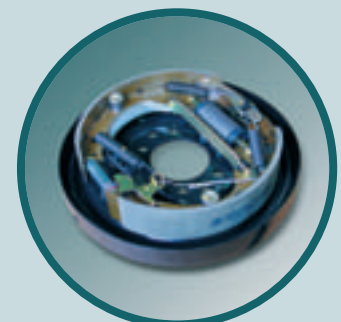
Gradeability(MAX)

HDF15-5 32,9%
HDF18-5 29,5%



Clean and reliable brakes

The adoption of DUO-SERVO type drum brake improves braking performance. A self-adjusting function maintains proper brake performance to compensate for lining wear.



Fork safety features

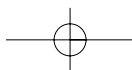
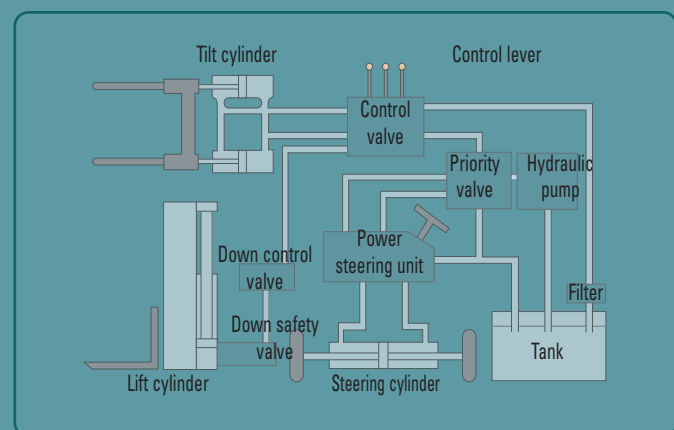
When the forks are lowered, a down-control valve controls the speed.

The down-safety valve prevents any sudden fork drop due to damage of the hydraulic line. Both features contribute to safe operation.



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.



Comfortable Operation

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



Prompt response of operating control levers
Only minimal operator's effort is required for precise, safe and productive control.



Easy control transmission lever
The forward and reverse control switch enables one finger operation. The operator's other hand can remain on the steering wheel, minimizing arm fatigue.



Multi-functional Switch
Integrated multi-functional switch lever enable the driver to operate various functions conveniently.



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



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



Adjustable steering wheel
The steering wheel can be adjusted by a lever on the right-hand side to improve operator's comfortability.



Strong overhead guard
The safety overhead guard meets EEC and ANSI regulations and protects the operator during hazardous work.



Cup holder & consol box
Additional storage possibilities are located inside the operating space.



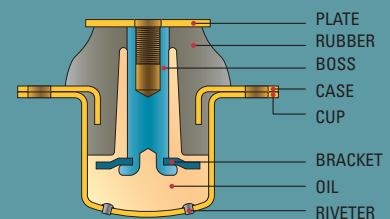
Optimum pedal position & non-slip mat
Based on human engineering, the accelerator, brake and inching pedals are optimally positioned for operator's convenience.

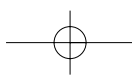


New high visibility for safe operation
The operator is able to work with increased safety and accuracy due to a wider view mast.

HSC Hydraulic Suspension Cab

The latest anti-vibration and shock absorbing system
The state-of-the-art hydraulic suspension cab system, with integral anti-vibration rubber, is installed between the head guard and engine mount to reduce the source of vibration and noise while driving. It increases safety and reduces operator's fatigue.





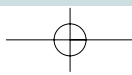
Perfect Fit

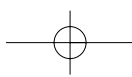
An ergonomically designed operator's compartment enables the driver to select the most comfortable working position for increased productivity.



Easy on/off access

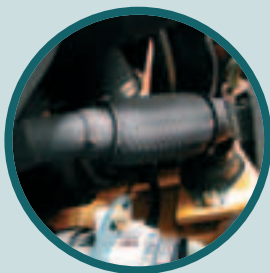
Low integral steps on both sides of the truck and a contoured, rubber-coated grip ensure easy access to the operator's seat.





High Durability & Easy Maintenance

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



Expansion bellows

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



Master switch option

A master switch prevents theft or electrical accident while servicing the machine.



Smooth steering

Large site ports make it possible to measure and adjust the steering pressure.



Large footboard

Wide "open" steps offer convenience and safety when accessing the truck.



Rear safety lamp

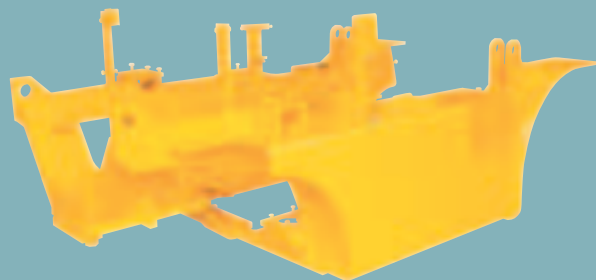
Rear combination lamps with directional indicators, rear lights and brake lights are positioned for high visibility to ensure safety.

Highly durable electric shift -power transmission



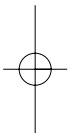
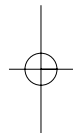
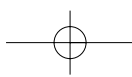
Powershift transmission provides superb performance and quick cycle times under rated operating conditions.

Heavy duty single unit frame



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





Large engine hood for easy access

Full opening engine hood with self-locking gas spring enables easy access for repair and maintenance.
Easy starter and air cleaner access.



Large air cleaner filter



Easy-to-access reservoir tank and water separator



A concentrated fuse box for easy inspection



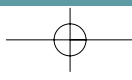
Easy-to-change radiator



High intensive headlight and rear light



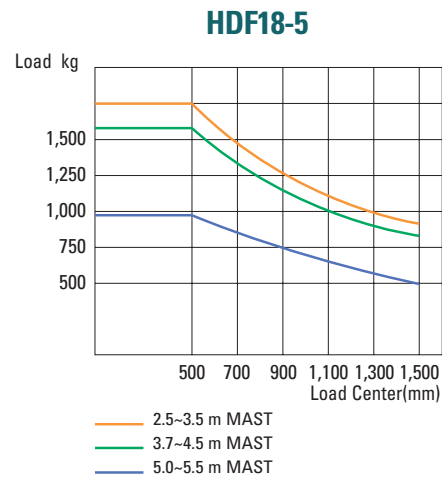
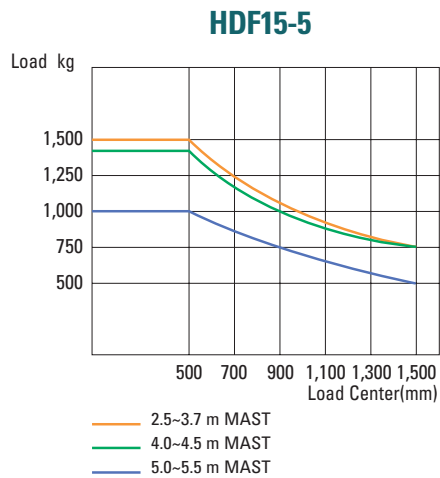
Maintenance free battery



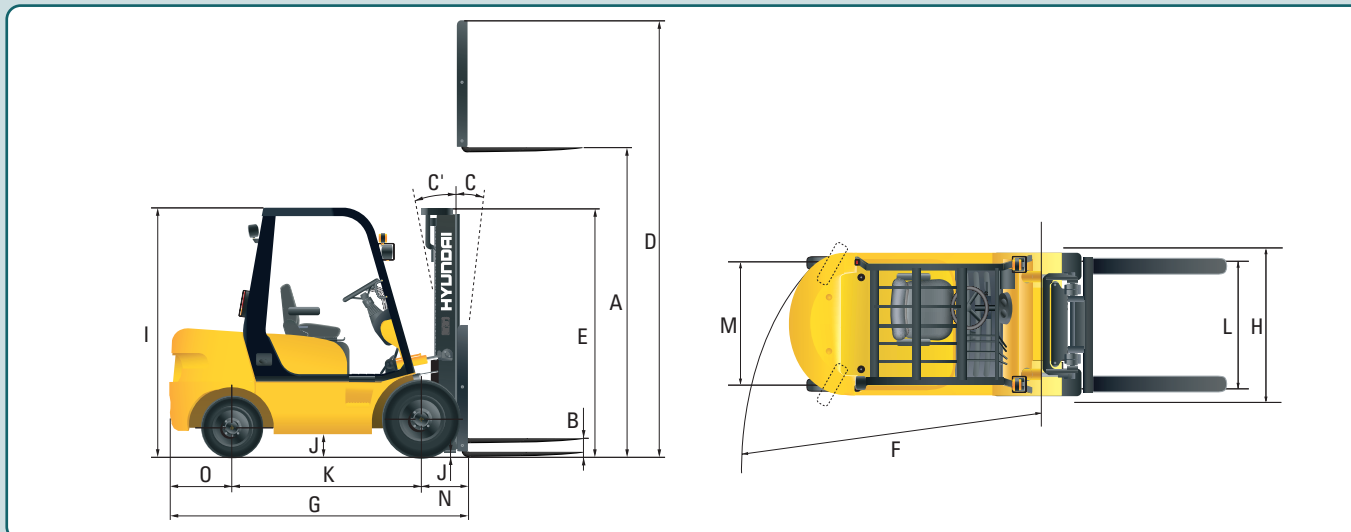
Mast Specification

TYPE MAST	Maximum Fork Height	Overall Height(mm)			Free Lift(mm)		Tilt Angle		Load Capacity at 600 mm(24 in)LC	
		Lowered	Extended		W/O Load Backrest	W/Std Load Backrest	Fwd	Bwd	HDF15-5	HDF18-5
			W/O Load Backrest	W/Std Load Backrest						
		mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	deg	deg	kg(lb)	kg(lb)
V250	2500 (98.4)	1755 (69.1)	3031 (119.3)	3532 (139.0)	145 (5.7)	145 (5.7)	6	10	1500 (3000)	1750 (3500)
V270	2700 (106.3)	1855 (73.0)	3231 (127.2)	3732 (146.9)	145 (5.7)	145 (5.7)	6	10	1500 (3000)	1750 (3500)
V300	3000 (118.1)	2005 (78.9)	3531 (139.0)	4032 (158.7)	145 (5.7)	145 (5.7)	6	10	1500 (3000)	1750 (3500)
V330	3300 (129.9)	2155 (84.8)	3831 (150.8)	4332 (170.5)	145 (5.7)	145 (5.7)	6	10	1500 (3000)	1750 (3500)
V350	3500 (137.8)	2255 (88.7)	4031 (158.7)	4532 (178.4)	145 (5.7)	145 (5.7)	6	10	1500 (3000)	1750 (3500)
V370	3700 (145.7)	2355 (92.7)	4231 (166.6)	4732 (186.3)	145 (5.7)	145 (5.7)	6	10	1500 (3000)	1700 (3500)
V400	4000 (157.4)	2505 (98.6)	4531 (178.4)	5032 (198.1)	145 (5.7)	145 (5.7)	6	10	1475 (3000)	1650 (3400)
V450	4500 (177.2)	2855 (112.4)	5031 (198.1)	5532 (217.8)	145 (5.7)	145 (5.7)	6	6	1400 (2900)	1600 (3250)
V500	5000 (196.9)	3105 (122.2)	5531 (217.7)	6032 (237.5)	145 (5.7)	145 (5.7)	6	6	1275 (2700)	1475 (3100)
V550	5500 (216.5)	3355 (132.1)	6031 (237.4)	6532 (257.2)	145 (5.7)	145 (5.7)	6	6	1000 (2100)	950 (2000)
TF370	3700 (145.7)	1805 (71.1)	4276 (168.3)	4742 (186.7)	1299 (51.1)	798 (31.4)	6	6	1450 (2950)	1650 (3350)
TF400	4000 (157.4)	1905 (75.0)	4576 (180.1)	5042 (198.5)	1399 (55.1)	898 (35.3)	6	6	1400 (2850)	1600 (3300)
TF430	4300 (169.3)	2005 (78.9)	4876 (191.9)	5342 (210.3)	1499 (59.0)	998 (39.3)	6	6	1350 (2800)	1550 (3200)
TF450	4500 (177.2)	2105 (82.8)	5076 (199.8)	5542 (218.2)	1599 (62.9)	1098 (43.2)	6	6	1325 (2750)	1500 (3150)
TF470	4700 (185.0)	2155 (84.8)	5276 (207.7)	5742 (226.0)	1649 (64.9)	1148 (45.2)	6	6	1300 (2700)	1450 (3050)
TF500	5000 (196.9)	2255 (88.7)	5576 (219.5)	6042 (237.9)	1749 (68.8)	1248 (49.1)	6	6	1250 (2650)	1400 (3000)
TF550	5500 (216.5)	2455 (96.6)	6076 (239.2)	6542 (257.5)	1949 (76.7)	1448 (57.0)	6	6	1000 (2050)	1100 (2400)
TF600	6000 (236.2)	2655 (104.5)	6576 (258.9)	7042 (277.2)	2149 (84.6)	1648 (64.9)	6	6	750 (1600)	800 (1650)
TF650	6500 (255.9)	2855 (112.4)	7076 (278.6)	7542 (296.9)	2349 (92.5)	1848 (72.7)	3	3	480 (1000)	520 (1150)
TF700	7000 (275.6)	3055 (120.3)	7576 (298.2)	8042 (316.6)	2549 (100.3)	2048 (80.6)	3	3	250 (500)	270 (600)

Load Capacity

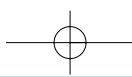


Dimension



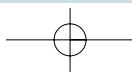
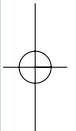
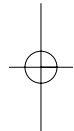
Specification

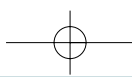
Description		Unit	HDF15-5	HDF18-5		
PERFORMANCE	Load Capacity	kg (lb)	1500(3000)	1750(3500)		
	Load Center	mm (in)	500(24)	500(24)		
	Fork	Lifting Speed	Load	mm/sec(fpm)	620(122)	
			Unload	mm/sec(fpm)	650(128)	
		Lowering Speed	Load	mm/sec(fpm)	510(100)	
			Unload	mm/sec(fpm)	460(91)	
	L x W x T		mm (in)	900 x 100 x 35(35.4 x 4 x 1.4)	900 x 100 x 35(35.4 x 4 x 1.4)	
	Body	Travel Speed (Unloaded)	km/hr (mph)	20.0(12.4)	20.0(12.4)	
		Gradeability	%(deg)	32.9(18.2)	29.5(16.4)	
		90° Intersection	mm (in)	1,890(74.4)	1,920(75.6)	
90° Staking		mm (in)	2,325(91.5)	2,335(92.7)		
Weight (Unloaded)		kg(lb)	2,818(6,212)	2,998(6,609)		
DIMENSION	A	Max. Lifting Height	mm (in)	3,300(130)	3,300(130)	
	B	Free Lifting Height	mm (in)	145(5.7)	14.5(5.7)	
	C	Tilting (Forward)	deg	6	6	
	C'	Tilting (Backward)	deg	10	10	
	D	Max. Height	mm (in)	4332(170)	4332(170)	
	E	Min. Height	mm (in)	2,155(84.8)	2,155(84.8)	
	F	Outside Turning Radius Min.	mm (in)	1940(76.3)	1970(77.5)	
	G	Overall Length to fork face	mm (in)	2,170(85.4)	2,200(86.6)	
	H	Overall Width	mm (in)	1,090(42.9)	1,090(42.9)	
	I	Overhead Guard Height	mm (in)	2,110(83.1)	2,110(83.1)	
	J	Ground Clearance	At the lowest point	mm (in)	120(4.5)	120(4.5)
			Center of wheel base	mm (in)	145(5.7)	145(5.7)
	K	Wheel Base	mm (in)	1,360(53.5)	1,360(53.5)	
	L	Wheel Tread - Front	mm (in)	912(35.9)	912(35.9)	
	M	Wheel Tread - Rear	mm (in)	912(35.9)	912(35.9)	
	N	Overhang-front	mm (in)	385(15.2)	385(15.2)	
	O	Overhang-rear	mm (in)	423(16.7)	453(17.8)	
	ENGINE	Model	-	KUBOTA V2203-M	KUBOTA V2203-M	
Rated rpm		ps/rpm(kW/rpm)	43.1(31.7)/2,400	43.1(31.7)/2,400		
Max. Engine Torque		kgf m/rpm(lbf ft/rpm)	14.4(104.8)/1,600	14.4(104.8)/1,600		
Displacement		cc(cu-in)	2,197(134)	2,197(134)		
Fuel Tank		ℓ (US/UK gal)	39(10.3/8.6)	39(10.3/8.6)		
TIRE	Front - Drive	-	6.50-10-12PR	6.50-10-12PR		
	Rear - Load	-	5.00-8-8PR	5.00-8-8PR		



Notes

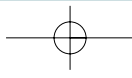
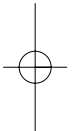
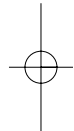
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Notes

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Environmentally - Friendly Forklift Trucks



Quick parts supply



Easy maintenance



Global network

CERES SYSTEM

CERES(Construction Equipment Resource Support) is HHI's new information system on all Hyundai construction equipment for our overseas dealers and branch offices.

<http://ceres.hhi.co.kr>

HDF15/18-5

* Optional items :

- **Cabin & Heater**
- **Electronic Beacon**
- **Hazard Switch**
- **Emergency Warning**
- **Tire**
 - Non-marking Single
 - Solid Single
- **Seat**
 - Seat Belt
 - Arm rest
 - Hip Restraint
- **MCV : 4 Spool**
- **Master Switch**
- **Rear Work Lamp**
- **Hose - reel**
- **Fork**
 - 900, 1050, 1200, 1350, 1500 mm
- **Over Shoes**
 - 1300, 1500, 1700 mm
- **Various Attachment**
 - Load Stabilizer, Push Pull, Hinged Fork, Hinged Bucket, Load Extender, Fork Positioner, Bale Clamp, Carton Clamp, Pallet Invert, Drum Clamp, Rotating Roll Clamp, Rotating Fork, Side Shift

* Hyundai is continuously upgrading and improving its products. It therefore reserves the right to supply products, which may differ slightly from description and illustration in this catalog.

For further information on options, consult with Hyundai's dealer. Specifications are subject to change without notice.

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