

# HYUNDAI PRODUCT LINE GUIDE

HYUNDAI FORKLIFT TRUCKS



 **HYUNDAI**  
MATERIAL HANDLING



# Hyundai Forklift Trucks

From our North American headquarters and parts depot located in suburban Atlanta, we provide dealer and product support, warranty administration, technical training and parts inventory and shipping functions.

Backed by the global research and development resources of Hyundai Construction Equipment, one of the world's most trusted industrial brands, Hyundai Forklift is a full-line supplier of high-performance forklifts, including diesel, electric- and LPG-powered models, from 2,200 to 55,000 lb (997 to 24,947 kg) capacity.





# ELECTRIC FORKLIFTS



Photos may include optional equipment.



# ELECTRIC RIDER FORKLIFTS



15/18/20BCS-9



10/13/15BTR-9



15/18/20BT-9



25/30BC-9

Item		Stand Up Counter Balance Forklifts			Three Wheel Forklift 24V (2,000 - 3,000 lbs. capacity)			Three Wheel Forklift 36V/48V (3,000 - 4,000 lbs capacity)			Four Wheel Forklift (Cushion Tire) 36V/48V (5,000 - 6,000 lbs. capacity)		
Model		15BCS-9	18BCS-9	20BCS-9	10BTR-9	13BTR-9	15BTR-9	15BT-9	18BT-9	20BT-9	25BC-9	30BC-9	
Identification	Load capacity	lb	3,000	3,500	4,000	2,000	2,600	3,000	3,000	3,500	4,000	5,000	6,000
	Load center	in	24	24	24	24	24	24	24	24	24	24	24
	Service weight	lb	8,514	8,922	9,283	5,302	5,798	6,261	6,889	7,419	7,716	9,733	10,736
Weights	Axle loading, loaded front / rear	lb	9,797/1,717	10,970/1,585	11,603/1,680	6,382/1,124	7,363/1,191	8,322/1,246	9,098/1,098	10,141/1,246	10,803/1,323	13,261/1,984	15,104/2,247
	Axle loading, unloaded front / rear	lb	4,380/4,133	4,411/4,511	4,554/4,729	2,460/2,841	2,646/3,153	2,765/3,497	3,662/3,228	3,770/3,649	3,713/3,997	3,774/5,959	4,098/6,638
Wheels, Chassis	Tire Type	Solid Pneumatic			Solid Pneumatic			Solid Pneumatic			Cushion Tire		
Dimension	Overhead guard height	in	87.9	87.9	87.9	79.5			81.3			88.0	
	Length to face of forks	in	67.99	67.99	70.7	65.2	68.9	71.3	74.2	77.8	79.1	86.8	92.3
	Overall width	in	42	42	42	39.0			42.3	43.5	43.5	43.7	44.0
	Turning radius	in	55	55	57.7	52.6	56.1	58.2	60.6	64.2	65.4	76.2	82.5
	Right-angle stacking aisle width 40 x 48 in*	in	120.3	120.3	123	117.9	121.4	123.6	127.0	130.6	131.9	141.6	147.8
Right-angle stacking aisle width 32 x 48 in*	in	125.1	125.1	127.8	122.7	126.2	128.4	131.9	135.4	136.8	149.3	155.6	
Performance	Travel speed loaded / unloaded	mph	7.5	7.5	7.5	7.8/8.1			9.9/10.6			10.6/11.2	
	Drive motor rating	HP	5.8 x 2			5.8			6.3 x 2			18.8	
	Pump (lift) motor rating	HP	18.8			12.1			18.8			22.8	
	Battery voltage	V	36	36	36	24	24	24	36/48	36/48	36/48	36/48	36/48
	Battery compartment (L/W/H)	in	38.38/17.95/31.49	38.38/17.95/31.49	38.8x20.71x31.49	32.7/12.9/24.7	32.7/17.2/24.7	32.7/19.3/24.7	38.7/21.7/27.6(25.6)	38.5/25.1/27.6(25.6)	38.5/25.1/27.6(25.6)	39.8/30.4/24.8(23.7)	39.8/34.3/24.8(23.7)
Others	Type of drive control	AC			AC			AC			AC		

\*Allow six inches for safe distance when turning and stacking.  
 ( ) Side Loading Type



# ELECTRIC RIDER FORKLIFTS



16/18/20B-9



22/25/30/32/35B-9U



40T-9 15P-9

Item		Four Wheel - Pneumatic Tire 36V/48V (3,200-7,000 lbs. capacity)							Tugger			
Model		16B-9	18B-9	20B-9	25B-9U	30B-9U	32B-9U	35B-9U	40T-9	15P-9		
Identification	Load capacity	lb	3,200	3,500	4,000	5,000	6,000	6,500	7,000	8,820	3,310	
	Load center	in	24	24	24	24	24	24	24	-	-	
	Service weight	lb	6,945	7,220	7,672	9,612	10,214	10,626	11,067	-	-	
Weights	Axle loading, loaded front / rear	lb	9,259/1,213	9,872/1,316	10,692/1,389	13,262/1,861	15,018/1,808	15,642/2,039	16,616/2,167	-	-	
	Axle loading, unloaded front / rear	lb	3,494/3,450	3,534/3,686	3,638/4,034	3,979/5,633	4,445/5,769	4,365/6,261	4,301/6,845	-	-	
Wheels, Chassis	Tire Type	Solid Pneumatic				Solid Pneumatic				Front: Cushion / Rear: Pneumatic		
	Overhead guard height	in	81.3				87.8				56.3	
Dimension	Length to face of forks	in	80.1	83.5	83.9	90.4	97.8	98.5	102.0	-	-	
	Overall width	in	42.3	43.5	43.5	47.2	47.2	47.2	49.2	43.3		
	Turning radius	in	63.7	70.7	71.3	76.4	84.6	85.2	86.8	61.8	84.4	
	Right-angle stacking aisle width 40 x 48 in*	in	132.0	134.9	135.7	143.2	150.7	151.3	153.4	-	-	
	Right-angle stacking aisle width 32 x 48 in*	in	137.6	140.7	141.5	149.7	157.8	158.4	160.5	-	-	
Performance	Travel speed loaded / unloaded	mph	9.9/10.6				10/11				5.0/6.2	
	Drive motor rating	HP	6.3 x 2				7.0 x 2				5.4	
	Pump (lift) motor rating	HP	18.8				22.8				-	-
	Battery voltage	V	36/48	36/48	36/48	36/48	36/48	36/48	36/48	48		
	Battery compartment (L/W/H)	in	38.5 / 21.7 / 27.6 (25.6)	38.7 / 25.1 / 27.6 (25.6)	38.7 / 25.1 / 27.6 (25.6)	40.7 / 31.5 / 22.2 (21.1)	40.7 / 39.4 / 22.2 (21.1)	40.7 / 39.4 / 22.2 (21.1)	40.7 / 39.4 / 22.2 (21.1)	38.3 / 15.2 / 21.7	38.3 / 15.2 / 21.7	
Others	Type of drive control	AC							AC			

\*Allow six inches for safe distance when turning and stacking.  
 ( ) Side Loading Type



# ELECTRIC RIDER FORKLIFTS



22/25/30/35BH-9



40/45/50B-9

Item		Four-Wheel - Pneumatic Tire 80V (4,400-10,000 lbs. capacity)								
Model		22BH-9	25BH-9	30BH-9	35BH-9	40B-9	45B-9	50B-9		
Identification	Load capacity	lb	4,400	5,000	6,000	7,000	8,000	9,000	10,000	
	Load center	in	24	24	24	24	24	24	24	
	Service weight	lb	10,042	10,384	11,310	12,357	15,113	16,193	17,207	
Weights	Axle loading, loaded front / rear	lb	12,963/1,929	13,977/1,918	15,955/1,969	17,756/2,317	21,050/2,881	23,052/3,062	24,983/3,225	
	Axle loading, unloaded front / rear	lb	5,170/4,872	5,115/5,269	5,655 5,655	5,686/6,671	7,725/7,388	8,060/8,133	8,331/8,876	
Wheels, Chassis	Tire Type	Solid Pneumatic				Solid Pneumatic				
	Overhead guard height	in	87.0	87.0	87.0	87.0	91.3			
Dimension	Length to face of forks	in	91.9	93.1	98.2	102.4	117.9	117.9	119.7	
	Overall width	in	44.0				53.9	53.9	56.1	
	Turning radius	in	74.6	75.8	80.9	84.4	105.1	105.1	106.5	
	Right-angle stacking aisle width 40 x 48 in*	in	138.4	138.4	144.3	144.7	173.4	173.4	175.0	
	Right-angle stacking aisle width 32 x 48 in*	in	145.4	145.4	151.6	152.1	181.3	181.3	182.9	
Performance	Travel speed loaded / unloaded	mph	11.2/11.8				10.6/10.6			
	Drive motor rating	HP	10.7 x 2				13.4 x 2			
	Pump (lift) motor rating	HP	26.8				37.5			
	Battery voltage	V	80	80	80	80	80	80	80	
Battery compartment (L/W/H)	in	40.6 / 28.1 / 31.5 (31.3)	40.6 / 28.1 / 31.5 (31.3)	40.6 / 33.8 / 31.5 (31.3)	40.6 / 33.8 / 31.5 (31.3)	40.6 / 39.5 / 32.2 (31.3)	40.6 / 39.5 / 32.2 (31.3)	40.6 / 39.5 / 32.2 (31.3)		
Others	Type of drive control	AC				AC				

\*Allow six inches for safe distance when turning and stacking.  
 ( ) Side Loading Type



# ELECTRIC FORKLIFTS - NARROW AISLE



13BOP-7



15/18/20/23BRP-9



15/18/20/25/30BR-9



14/16/20/25BRJ-9

Item		Order Picker	Pantograph Reach Forklift					Moving Mast Reach Forklift									
Model		13BOP-7	15BRP-9 (Double Reach)	18BRP-9	20BRP-9	23BRP-9	15BR-9	18BR-9	20BR-9	25BR-9	30BR-9	14BRJ-9	16BRJ-9	20BRJ-9	25BRJ-9		
Identification	Load capacity	lb	3,000	3,000	3,500	4,000	4,500	3,000	3,500	4,000	5,000	6,000	2,800	3,200	4,000	5,000	
	Load center	in	24	24					24					24			
	Operator Type		Standing	Standing					Standing					Seated			
Weights	Service weight	lb	6,398	8,781	7,408	7,727	8,600	5,223	5,199	5,642	6,537	7,207	6,980	7,185	8,375	8,873	
	Axle loading, loaded front/rear	lb	1,872/7,525	7,143/4,639	7,031/3,878	7,762/3,964	8,576/4,524	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Axle loading, unloaded front/rear	lb	3,583/2,813	3,512/5,269	2,879/4,528	3,045/4,683	3,406/5,194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Axle loading, reach-in, unloaded front/rear	lb						1,773/3,274	1,625/3,530	1,830/3,680	2,048/4,356	2,326/4,881	4,180/2,800	4,442/2,743	4,954/3,422	5,593/3,280	
	Axle loading, reach-out, unloaded front/rear	lb						7,288/1,065	8,003/1,120	8,863/1,056	10,670/1,246	12,549/1,272	1,327/8,739	1,345/9,367	1,391/11,393	1,517/12,868	
	Axle loading, reach-in, loaded front/rear	lb						5,569/2,784	5,620/3,503	6,484/3,435	7,180/4,736	8,746/5,077	3,554/6,512	3,871/6,841	4,200/8,587	5,229/9,153	
Wheels, Chassis	Tire Type (load/drive/caster)		Polyurethane/ Solid rubber	Polyurethane/Solid rubber					Polyurethane/Solid rubber/Solid rubber					Polyurethane/Solid rubber/Solid rubber			
	Service brake			Electromagnetic brake					Disc	Disc	Disc	Disc	Disc	Electric	Disc	Disc	Disc
Dimension	Overhead guard height	in	89.0	94.3	94.3	94.3	94.3	89.0	89.0	89.0	90.3	90.3	83.3	83.3	84.1	84.1	
	Reach stroke	in		42.8	23.3	23.3	23.3	17.6	26.2	26.2	31.8	34.5	19.8	21.8	21.4	27.2	
	Outrigger inner dimension/BR, BRJ overall width (load end/drive end)	in	41.3	42.0	42.0	42.0	42.0	42.1	42.1	43.9/42.1	47.2	47.7/47.2	50.4/50.0	50.4/50.0	50.8/50.0	53.1/50.0	
	Turning radius (in standard battery compartment)	in	71.6	73.1	65.6	67.4	71.6	62.8	69.9	69.9	78.0	81.8	64.5	66.3	68.6	74.2	
Performance	Travel speed loaded/unloaded	mph	9.5/10.0	7.3/7.3					6.8/6.8	6.8/6.8	6.8/6.8	7.5/7.5	6.8/6.8	8.7/8.7			
	Drive Motor Rating	HP	5.2	9.1					9.1					9.1			
	Pump (lift) motor rating	HP	14.2	21.4					20.1					20.1			
	Maximum battery voltage	V	36/48	36/48	36/48	36/48	36/48	36/48	36/48	36/48	36/48	36/48	36/48	36/48	36/48	36/48	
	Battery compartment		38.3 / 16.5 / 32.5	Varies based on compartment type					39.6 / 15.1 / 23.7					48.6 / 11.3 / 31.6	48.1 / 11.3 / 31.6	48.6 / 14.1 / 31.6	48.6 / 14.1 / 31.6
Others	Type of drive control		AC	AC					AC					AC			



# LPG FORKLIFTS



Photos may include optional equipment.





# LPG FORKLIFTS - CUSHION TIRE



15/18LC-7M



25/30LC-7A

Item		LPG Forklifts - Cushion Tire (3,000-6,000 lbs. capacity)				
		15LC-7M	18LC-7M	25LC-7A	30LC-7A	
Identification	Model					
	Load capacity	lb	3,000	3,500	5,000	6,000
	Load center	in	24	24	24	24
Weights	Service weight	lb	6,235	6,673	8,274	9,352
	Axle loading, loaded front/rear	lb	8,093/1,448	8,913/1,618	12,129/1,655	14,019/1,947
	Axle loading, unloaded front/rear	lb	2,425/3,809	2,284/4,389	2,983/5,291	3,029/6,323
Wheels, Chassis	Tire size, front		18 x 6 - 12	18 x 6 - 12	21 x 7 - 15	21 x 8 - 15
	Tire size, rear		14 x 5 - 10	14 x 5 - 10	16 x 6 - 10.5	16 x 6 - 10.5
Dimension	Overhead guard height	in	84.4	84.4	81.9	81.9
	Length to face of forks	in	82.4	83.7	91.1	93.3
	Overall width	in	38.6	38.6	41.9	43.7
	Ground clearance, loaded, under mast	in	3.5	3.5	3.5	3.5
	Turning radius	in	74.5	75.6	81.9	83.8
Performance	Travel speed unloaded	mph	10.5	10.5	10.1	10.1
	Engine manufacturer / model		MMC/2.0L		HYUNDAI/L4KB	
	Engine power	HP	48		60	
	Rated speed	1/min	2,300		2,300	
	No. cylinder / cubic capacity	/cc	4/1,997		4/2,359	
	Service brake		Wet Disc		Wet Disc	



# LPG FORKLIFTS - PNEUMATIC TIRE



15/18/20L-7M



25/30/33L-7A



25/30/33L(G)-7M



25/30/33L-9A 35LN-9A

Item		LPG Forklifts - Pneumatic (3,000-4,000 lbs. capacity)			LPG Forklifts - Pneumatic (5,000-6,500 lbs. capacity)			LPG Forklifts - Pneumatic (5,000-6,500 lbs. capacity)			Stand Up Counter Balance Forklifts				
Model		15L-7M	18L-7M	20L-7M	25L-7A	30L-7A	33L-7A	25L-7M	30L-7M	33L-7M	25L-9A	30L-9A	33L-9A	35LN-9A	
Identification	Load capacity	lb	3,000	3,500	4,000	5,000	6,000	6,500	5,000	6,000	6,500	5,000	6,000	6,500	7,000
	Load center	in	24	24	24	24	24	24	24	24	24	24	24	24	24
	Service weight	lb	5,930	6,305	6,712	8,152	9,231	9,765	9,328	9,224	9,762	8,203	9,074	9,689	9,998
Weights	Axle loading, loaded front/rear	lb	8,024/1,212	8,031/1,334	9,656/1,468	11,995/1,657	13,830/2,001	14,839/2,186	12,131/1,709	13,882/1,956	14,894/2,145	12,273/1,812	14,054/1,997	15,007/2,323	15,304/2,407
	Axle loading, unloaded front/rear	lb	2,623/3,307	2,528/3,777	2,438/4,274	3,268/4,884	3,472/5,759	3,446/6,320	3,481/4,848	3,503/5,721	3,475/6,287	3,527/5,044	3,675/5,765	3,589/6,466	3,194/6,801
Wheels, Chassis	Tire size, front		6.5 x 10-12PR	6.5 x 10-12PR	6.5 x 10-12PR	7.0 x 12-12PR	8.15 x 15-14PR	8.15 x 15-14PR	7.0 x 12-12PR	8.15 x 15-14PR	8.15 x 15-14PR	7.00-12-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR
	Tire size, rear		5.0 x 8-10PR	5.0 x 8-10PR	5.0 x 8-10PR	6.0 x 9-10PR	6.50 x 10-12PR	6.50 x 10-12PR	6.0 x 9-10PR	6.50 x 10-12PR	6.50 x 10-12PR	6.50-10-12PR	6.50-10-12PR	6.50-10-12PR	6.50-10-12PR
Dimension	Overhead guard height	in	83.1	83.1	83.1	85.8	85.8	85.8	85.8	85.8	85	85.8	85.8	85.8	85.8
	Length to face of forks	in	87.9	89.1	90.9	102.1	106	107.6	102.6	106.0	107.6	102.6	105.3	107.5	108.5
	Overall width	in	42.1	42.1	42.1	45.7	48.4	48.4	45.7	48.4	48.4	47	48.3	48.3	48.3
	Ground clearance, loaded, under mast	in	4.7	4.7	4.7	5.1	5.7	5.7	5.1	5.7	5.7	5	5.7	5.7	5.7
	Turning radius	in	78.7	79.8	81.1	90.5	94.4	95.8	91.1	94.4	95.8	92	95	96.9	98
Performance	Travel speed, unloaded	mph	12.5			11	11.6	11.6	10.5	11.5	11.5	11.5	12.4	12.3	11.7
	Engine manufacturer / model		HYUNDAI/L4KB			HYUNDAI/L4KB			PSI / 3.0L			Hyundai L4KB			
	Engine power	HP	50			59			64.1			60			
	Rated speed	1/min	2,450			2,300			2,400			2,300			
	No. cylinder / cubic capacity	/cc	4/2,359			4/2,359			4/2,967			4 / 2,359			
	Service brake		Wet Disc			Wet Disc			Wet Disc			Wet Disc			



# LPG FORKLIFTS - PNEUMATIC TIRE



35/40/45/50/70L-7A

Item		LPG Forklifts - Pneumatic (8,000-15,500 lbs. capacity)				
		35L-7A	40L-7A	45L-7A	50L-7A	70L-7A
Identification	Model	35L-7A	40L-7A	45L-7A	50L-7A	70L-7A
	Load capacity	lb 8,000	9,000	10,000	11,000	15,500
	Load center	in 24	24	24	24	24
Weights	Service weight	lb 12,330	13,590	14,500	15,530	20,790
	Axle loading, loaded front/rear	lb 18,000/2,040	20,050/2,360	21,810/2,620	23,620/3,020	32,110/4,110
	Axle loading, unloaded front/rear	lb 5,810/6,520	6,110/7,480	6,130/8,380	6,200/9,320	8,5230/12,270
Wheels, Chassis	Tire size, front	8.25 x 15-14	7.50 x 16-12	7.50 x 16-12	7.50 x 16-12	8.25 x 15
	Tire size, rear	7.0 x 12-12	7.0 x 12-12	7.0 x 12-12	7.0 x 12-14	8.25 x 15
Dimension	Overhead guard height	in 86.6/88.2/92.1	86.6/88.2/92.1	86.6/88.2/92.1	86.6/88.2/92.1	98.4
	Length to face of forks	in 120.9	123.0	125.4	128.0	142.5
	Overall width	in 53.9	68.5	68.5	68.5	82.2
	Ground clearance, loaded, under mast	in 6.7	6.1	6.1	6.1	7.7
	Turning radius	in 110.5	112.6	114.4	116.0	132.7
Performance	Travel speed, unloaded	mph 14.8	14.2	14.2	14.2	14.0
	Engine manufacturer / model	PSI / 4.3L				
	Engine power	HP 95.2				94
	Rated speed	1/min 2,300				
	No. cylinder / cubic capacity	/cc 6/4,294				
	Service brake	Wet Disc				



# DIESEL FORKLIFTS



Photos may include optional equipment.



# DIESEL FORKLIFTS



25/30/33D-9 35DA-9



35/40/45D-9F 50DA-9F



35/40/45D-9 50DA-9

Item		Diesel Forklifts											
		25D-9	30D-9	33D-9	35DA-9	35D-9F	40D-9F	45D-9F	50DA-9F	35D-9	40D-9	45D-9	50DA-9
Identification	Model	25D-9	30D-9	33D-9	35DA-9	35D-9F	40D-9F	45D-9F	50DA-9F	35D-9	40D-9	45D-9	50DA-9
	Load capacity	lb 5,000	6,000	6,500	7,000	8,000	9,000	10,000	11,000	8,000	9,000	10,000	11,000
	Load center	in 24	24	24	24	24	24	24	24	24	24	24	24
Weights	Service weight	lb 8,572	9,440	10,055	10,357	12,994	14,193	15,199	16,089	13,082	14,295	15,212	16,131
	Axle loading, loaded front/rear	lb 12,273/1,802	14,054/1,997	15,007/2,324	15,648/2,425	18,082/2,628	20,082/2,930	21,757/3,362	23,558.5/3,554	17,948/2,851	20,078/3,034	21,806/3,327	23,541/3,611
	Axle loading, unloaded front/rear	lb 3,527/5,044	3,675/5,765	3,589/6,466	3,541/6,817	5,890.777/3,237.7	6,148.6/8,044.6	6,082.5/9,116	6,139.8/9,949.5	5,756/7,326	6,144/8,148	6,131/9,081	6,124/10,005
Wheels, Chassis	Tire size, front	7.0 x 12-14PR	28 x 9-15,14PR	28 x 9-15,14PR	85.8	8.25 x 15-14PR	7.50 x 16-12PR	7.50 x 16-12PR	7.50 x 16-12PR	8.25 x 15-14PR	7.50 x 16-12PR		7.50 x 16-12PR
	Tire size, rear	6.50 x 10-14PR	6.50 x 10-14PR	6.50 x 10-14PR	108.9	7.00-12-12PR	7.00-12-14PR	7.00-12-14PR	7.00-12-14PR	7.0 x 12-12PR		7.0 x 12-14PR	
Dimension	Overhead guard height	in 85	85.8	85.8	48.3	87.4 (92)	87 (92)	87 (92)	87 (92)	87.0	87.0	87.0	87.0
	Length to face of forks	in 102.6	105.4	107.6	5.7	122.4	127	128.5	130	127.0	127.0	129.0	130.0
	Overall width	in 47.2	48.3	48.3	98	54 (68.5)	54 (68.5)	54 (68.5)	54 (68.5)	54 Single (68.5 Dual)	54 Single (68.5 Dual)	54 Single (68.5 Dual)	54 Single (68.5 Dual)
	Ground clearance, loaded, under mast	in 5.1	5.7	5.7	12.4	6.7	6	6	6	6.7	6.1	6.1	6.1
	Turning radius	in 92.2	95.0	97.0	N/A	113	114.8	116.7	118.5	116.0	116.0	118.0	118.0
	Travel speed, unloaded	mph 11.5	12.4	12.4	N/A	16.5	16	15.9	15.9	16.5	16	15.9	15.9
Performance	Service brake	Wet Disc Brake				Wet Disc Brake				Wet Disc Brake			
	Engine manufacturer/model	KUBOTA/V3307				Kubota V3800				CUMMINS/QSF3.8			
	Engine power	HP 67				74.27				101			
	Rated speed	1/min 2,300				2,200				2,200			
	No. cylinder / cubic capacity	/cc 4/3,331				4 / 3,769				4/3,726			
	Fuel consumption rate	g/h 0.85	0.9	0.95	N/A	5.3	5.4	5.5	5.6	1.61	1.64	1.69	1.72

# DIESEL FORKLIFTS



50/70/80D-9

110/130/160D-9

160D-9L/180D-9B

180/250D-9

Item		Diesel Forklifts										
Identification	Model	50D-9	70D-9	80D-9	110D-9	130D-9	160D-9	160D-9L	180D-9B	180D-9	250D-9	
	Load capacity	lb	11,000	15,500	17,400	25,000	29,000	35,000	36,000	40,000	40,000	55,116
	Load center	in	24	24	24	24	24	24	48	36	36	47
Weights	Service weight	lb	19,599	23,091	25,591	35,880	37,459	43,746	52,810	52,810	57,528	81,617
	Axle loading, loaded front/rear	lb	26,792/3,730	33,347/5,011	38,034/5,384	52,823/7,308	59,029/7,090	70,568/8,453	82,559 / 5,525	86,379 / 6,113	88,110/9,447	126,274/92,030
Wheels, Chassis	Axle loading, unloaded front/rear	lb	9,940/9,557	9,757/13,166	11,310/14,484	17,758/18,120	17,611/19,848	20,825/22,919	26,599 / 26,209	26,599 / 26,209	28,332/29,542	41,110/40,508
	Tire size, front		8.25 x 15-14PR	8.25 x 15-14PR	9.0 x 20-14PR	10.0 x 20-16PR	10.0 x 20-16PR	12.0 x 20-18PR	12.00-20-20PR	12.00-20-20PR	12.0 x 20-20PR	14.0 x 24-32PR
Dimension	Tire size, rear		8.25 x 15-14PR	8.25 x 15-14PR	9.0 x 20-14PR	10.0 x 20-16PR	10.0 x 20-16PR	12.0 x 20-18PR	12.00-20-20PR	12.00-20-20PR	12.0 x 20-20PR	14.0 x 24-32PR
	Overhead guard height	in	102.2	102.2	103.9	115.9	115.9	117.3	121	121	117.7	126.9
	Length to face of forks	in	138.5	144.3	156.3	179.9	180.3	200.0	219	219	220.3	250.5
	Overall width	in	82.2	82.2	86.4	96.5	96.5	98.3	100	100	100.0	120.1
	Ground clearance, loaded, under mast	in	7.7	7.7	9.8	9.8	9.8	9.8	9.6	9.6	9.6	11.8
	Turning radius	in	130.5	135.3	145.7	171.3	171.3	192.7	205.5	205.5	205.5	230.9
Performance	Travel speed, unloaded	mph	21.1	20.9	21.7	22.1	22.1	21.9	21.8	21.8	23.3	19.6
	Service brake		Wet Disc Brakes			Wet Disc Brakes			Wet Disc Brakes		Wet Disc Brakes	Wet Disc Brakes
	Engine manufacturer/model		CUMMINS/QSF3.8			CUMMINS/QSB6.7			Cummins QSB6.7		BENZ (MTU)	CUMMINS QSL
	Engine power	HP	101			164			163		282	274
	No. cylinder / cubic capacity	/cc	4/3,800			6/6,690			6 / 6,690		6/7,700	6/8,898
	Fuel consumption rate	g/h	2.14	2.19	2.25	2.93	3.01	3.20	3.2		3.91	6.60



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**Hyundai Construction Equipment Americas, Inc.**  
6100 ATLANTIC BOULEVARD NORCROSS GA 30071 U.S.A  
TEL (1) 678-823-7777 / FAX (1) 678-823-7778

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