1.0t/1.5t/1.75t A series mast:(pneumatic)

Type	Model	Max. fork height	Overall height			Free lift		Front Overhang		Tilt range		Capacity					
			Lowered	Extended		Without backrest	With backrest	1/1.5t	1.75t	FwD	BwD	load capacity at 500mm					
				Without backrest	With backrest							Single tire			Dual tire		
												1t	1.5t	1.75t	1t	1.5t	1.75t
		(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(°)	(°)	kg	kg	kg	kg	kg	kg
Wide view Duplex mast	A15/18M200	2000	1495	2565	2955	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	A 15/18M250	2500	1745	3065	3455	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	A 15/18M270	2700	1845	3265	3655	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	A 15/18M300	3000	1995	3565	3955	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	A15/18M330	3300	2145	3865	4255	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	A 15/18M350	3500	2245	4065	4455	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	A 15/18M360	3600	2345	4165	4555	155	155	405	410	6	12	1000	1500	1750	1000	1500	1750
	A 15/18M400	4000	2595	4565	4955	155	155	405	410	6	12	950	1400	1650	1000	1500	1750
	A 15/18M430	4300	2745	4865	5255	155	155	405	410	6	6	900	1300	1550	950	1400	1650
	A 15/18M450	4500	2845	5065	5455	155	155	405	410	6	6	850	1250	1450	900	1350	1550
Wide view full free duplex mast	A15/18U250	2500	1760	3095	3455	1175	815	428	433	6	12	1000	1500	1750	1000	1500	1750
	A15/18U270	2700	1860	3295	3655	1275	915	428	433	6	12	1000	1500	1750	1000	1500	1750
	A15/18U300	3000	2010	3595	3955	1425	1065	428	433	6	12	1000	1500	1750	1000	1500	1750
	A15/18U330	3300	2160	3895	4255	1575	1215	428	433	6	12	1000	1500	1750	1000	1500	1750
	A15/18U360	3600	2310	4195	4555	1725	1365	428	433	6	12	1000	1500	1750	1000	1500	1750
	A15/18U400	4000	2560	4595	4955	1975	1615	428	433	6	12	950	1400	1650	1000	1500	1750
Wide view full free triplex mast	A15/18N430	4300	2110	5070	5255	1350	1165	445	450	6	6	850	1250	1450	900	1350	1550
	A15/18N450	4500	2120	5130	5465	1510	1175	445	450	6	6	800	1200	1350	850	1300	1450
	A15/18N480	4800	2235	5445	5755	1600	1290	445	450	6	6	750	1100	1250	800	1200	1350
	A15/18N500	5000	2285	5595	5955	1700	1340	445	450	6	6	700	1050	1150	750	1150	1250
	A15/18N550	5500	2460	6120	6455	1850	1515	445	450	3	6	\	\	\	600	950	1050
	A15/18N600	6000	2685	6695	6955	2000	1740	445	450	3	6	\	\	\	450	750	850

With sideshifter minus 150kg, with integrated sideshifer minus 100kg

2.0t/2.5t A series mast:(pneumatic)

Type	Model	Max. fork height	Overall height			Free lift		Front Overhang	Tilt range		Capacity			
			Lowered	Extended		Without backrest	With backrest		FwD	BwD	load capacity at 500mm			
				Without backrest	With backrest						Single tire		Dual tire	
											2.0t	2.5t	2.0t	2.5t
		(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(°)	(°)	kg	kg	kg	kg
Wide view Duplex mast	A2SM250	2500	1745	3135	3545	140	140	470	6	12	2000	2500	2000	2500
	A2SM270	2700	1845	3335	3745	140	140	470	6	12	2000	2500	2000	2500
	A 2SM300	3000	1995	3635	4045	140	140	470	6	12	2000	2500	2000	2500
	A 2SM330	3300	2145	3935	4345	140	140	470	6	12	2000	2500	2000	2500
	A2SM350	3500	2245	4135	4545	140	140	470	6	12	2000	2500	2000	2500
	A2SM360	3600	2345	4235	4645	140	140	470	6	12	2000	2500	2000	2500
	A2SM400	4000	2595	4635	5045	140	140	470	6	12	1900	2300	2000	2500
	A2SM430	4300	2745	4935	5345	140	140	470	6	6	1800	2100	1950	2450
	A2SM450	4500	2845	5135	5545	140	140	470	6	6	1700	2000	1900	2400
	A2SM480	4800	2995	5435	5845	140	140	470	6	6	1500	1700	1700	2100
	A2SM500	5000	3095	5635	6045	140	140	470	6	6	1400	1600	1600	2000
Wide view full free duplex mast	A2SU250	2500	1810	3170	3545	1140	760	460	6	12	2000	2500	2000	2500
	A2SU270	2700	1910	3370	3745	1240	860	460	6	12	2000	2500	2000	2500
	A2SU300	3000	2010	3670	4045	1340	960	460	6	12	2000	2500	2000	2500
	A2SU330	3300	2160	3970	4345	1490	1110	460	6	12	2000	2500	2000	2500
	A2SU360	3600	2310	4270	4645	1640	1260	460	6	12	2000	2500	2000	2500
	A2SU400	4000	2560	4670	5045	1890	1510	460	6	12	1900	2300	2000	2500
Wide view full free triplex mast	A2SM430	4300	2055	4995	5355	1370	1010	475	6	6	1700	2000	1900	2400
	A2SN450	4500	2125	5245	5605	1440	1080	475	6	6	1600	1900	1800	2300
	A2SN480	4800	2225	5495	5855	1540	1180	475	6	6	1500	1700	1700	2100
	A2SN500	5000	2290	5695	6055	1605	1245	475	6	6	1400	1600	1600	2000
	A2SN550	5500	2455	6195	6555	1770	1410	475	3	6	1050	1200	1500	1800
	A2SN600	6000	2675	6705	7055	1990	1630	475	3	6	700	800	1400	1600

With sideshifter minus 150kg, with integrated sideshifer minus 100kg

3.0t/3.5t/3.8t A series mast:(pneumatic)

Type	Model	Max. fork height	Overall height						Free lift						Front Overhang			Tilt range		Capacity								
			Lowered		Extended				Without backrest			With backrest						FwD	BwD	load capacity at 500mm								
					Without backrest			With backrest												Single tire			Dual tire					
			3t	3.5/3.8t	3t	3.5/3.8t	3t	3.5/3.8t	3t	3.5/3.8t	3t	3t	3.5/3.8t	3t	3.5/3.8t	3t	3.5/3.8t			3t	3.5t	3.8t	3t	3.5t	3.8t			
		(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(°)	(°)	kg	kg	kg	kg	kg	kg			
Wide view Duplex mast	A30/35M250	2500	1805	1920	3185	3295	3640	3640	145	150	145	150	480	490	6	12	3000	3500	3800	3000	3500	3800					
	A30/35M270	2700	1905	2020	3385	3495	3840	3840	145	150	145	150	480	490	6	12	3000	3500	3800	3000	3500	3800					
	A30/35M300	3000	2055	2170	3685	3795	4140	4140	145	150	145	150	480	490	6	12	3000	3500	3800	3000	3500	3800					
	A30/35M330	3300	2205	2320	3985	4095	4440	4440	145	150	145	150	480	490	6	12	3000	3500	3800	3000	3500	3800					
	A30/35M350	3500	2305	2420	4185	4295	4640	4640	145	150	145	150	480	490	6	12	3000	3500	3700	3000	3500	3700					
	A30/35M360	3600	2405	2470	4285	4395	4740	4740	145	150	145	150	480	490	6	12	3000	3500	3700	3000	3500	3700					
	A30/35M400	4000	2655	2720	4685	4795	5140	5140	145	150	145	150	480	490	6	12	2850	3250	3550	3000	3500	3700					
	A30/35M430	4300	2805	2870	4985	5095	5440	5440	145	150	145	150	480	490	6	6	2700	3000	3200	2900	3400	3600					
	A30/35M450	4500	2905	2970	5185	5295	5640	5640	145	150	145	150	480	490	6	6	2550	2850	3100	2850	3350	3550					
	A30/35M480	4800	3055	3120	5485	5595	5940	5940	145	150	145	150	480	490	6	6	2250	2450	2800	2550	2950	3150					
	A30/35M500	5000	3155	3220	5685	5795	6140	6140	145	150	145	150	480	490	6	6	2100	2300	2600	2400	2800	3100					
Wide view full free duplex mast	A30/35U250	2500	1880	1990	3260	3355	3645	3655	1120	1140	735	845	480	485	6	12	3000	3500	3800	3000	3500	3800					
	A30/35U270	2700	1980	2090	3460	3555	3845	3855	1220	1240	835	945	480	485	6	12	3000	3500	3800	3000	3500	3800					
	A30/35U300	3000	2090	2190	3770	3845	4155	4145	1330	1340	945	1045	480	485	6	12	3000	3500	3800	3000	3500	3800					
	A30/35U330	3300	2240	2390	4070	4155	4455	4455	1480	1540	1095	1245	480	485	6	12	3000	3500	3800	3000	3500	3800					
	A30/35U360	3600	2390	2550	4370	4455	4755	4755	1630	1700	1245	1405	480	485	6	12	3000	3500	3700	3000	3500	3700					
	A30/35U400	4000	2590	2750	4770	4855	5155	5155	1830	1900	1445	1605	480	485	6	12	2850	3250	3550	3000	3500	3700					
Wide view full free triplex mast	A30/35N430	4300	2105	2205	5080	5155	5455	5455	1335	1360	960	1060	490	505	6	6	2550	2850	3200	2850	3350	3600					
	A30/35N450	4500	2175	2175	5335	5355	5705	5655	1405	1430	1030	1130	490	505	6	6	2400	2700	3100	2700	3200	3550					
	A30/35N480	4800	2275	2375	5580	5655	5955	5955	1505	1530	1130	1230	490	505	6	6	2250	2450	2800	2550	2950	3150					
	A30/35N500	5000	2340	2440	5780	5855	6155	6155	1570	1595	1195	1295	490	505	6	6	2100	2300	2600	2400	2800	3100					
	A30/35N550	5500	2505	2605	6280	6355	6655	6655	1735	1760	1360	1460	490	505	3	6	1650	1800	2050	2250	2550	2800					
	A30/35N600	6000	2725	2770	6780	6855	7155	7155	1955	1925	1580	1625	490	505	3	6	1200	1300	1550	2100	2300	2550					

With sideshifter minus 200kg, with integrated sideshifer minus 100kg

HANGCHA

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ISO14001
ISO14001:2015

ISO9001
ISO9001:2015

HANGCHA trucks conform to the European Safety Requirements.

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A Series Diesel Counterbalanced Trucks

with capacities of 1,000 to 3,800kg

The World of Hangcha

HANGCHA



Appearance

/ Based on around 10 years Nissan technology applied on HC trucks, and HANGCHA own R and H series, the new A series is fully own researched truck. The improved new outline, satety, comfortability, and reliability, all these provide better performance to the trucks.

Outline

/ Applied the advanced outline designing method, the truck is designed with stream, sporty outline, and thanks to the new design, all the exposed parts are metal made. which is firm and reliable.

Safety

/ Thanks to the long wheelbase design, the longitudinal stability of whole truck is improved, the residual load capacity at same height is improved greatly. At the same time, it prolongs the working life time of steering tyre by reducing the rear axle load.
/ Improved strength of OHG is to make sure the protection to operator.
/ Lock of engine cover is standard specification, which ensures the operator's safety.

Comfortable

/ The same ergonomic technology as R series has been adopted. The smaller steering wheel, extra space for foot and operator space, wider forward visibility, all these improve operator's comfort and release operator's fatigue.
/ Easy access to engine and transmission due to applied bolt type fastened front plate, greatly improving the convenience of daily maintenance and repair.
/ The applied integral engine cover strengthens the rigidity of the cover and reduces the noise at the same time.

Reliability

/ The air intake system adopts high-positioned independent channel which located on the rear OHG to prevent dust intake.
/ Enlarged cross section of rear OHG improves the air intake capacity, and reduces air intake resistance, which makes internal combustion more complete and prolongs engine life.
/ The aluminum ribbon-tubular radiator with large capacity and the optimized cooling system fu rther enhance the heat dissipation capability of the whole truck to ensure the reliability of the engine.










Options

/ Protection for tilt cylinder
/ Front dual wheel
/ Cabin
/ High-mounted exhaust system
/ Customerized color
/ Cabin heater
/ Rear working light
/ Dual air filter
/ Net cover of radiator
/ Solid tyre
/ Non-mark tyre(white/green)
/ Middle-positioned exhausted system
/ Exhaust fireproof device
/ Suspension seat
/ Purified exhaust system
/ Warning lamp
/ Auxiliary hydraulic valve assembly
/ Extinguisher
/ Copper water tank
/ Rear armrest with horn button
/ Counter weight net
/ High and low overhead guard
/ Fuel tank cap lock
/ Weighing system
/ Front/rear lights protective frame
/ Neutral starting protection (mechanical transmission)
/ Battery main switch
/ Fan protector
/ Speed limit alarm
/ Wide view full free 2-stage mast
/ Wide view full free3-stage mast
/ wider fork carriage
/ Special fork
/ High-speed transmission
/ LED rearlights
/ Toolbox



Standard Specification

/ Anti-slip access step
/ Air filter
/ Hydraulic oil dipstick
/ Traction device
/ Lifting speed limit valve
/ Full hydraulic power steering
/ Wide view standard mast
/ Standard forks
/ Lift and tilt operating lever
/ Adjustable of steering wheel
/ Large rubber pedal pad
/ Hand grip
/ Waterproof cover on the OHG
/ Rear view mirror
/ Fuel Gauge
/ Pre-heating indicator
/ Engine fuel pressure warning
/ Neutral safety switch (hydraulic transmission)
/ Standard overhead guard
/ Transmission oil dipstick (hydraulic transmission)
/ High-performance tires
/ Standard backrest
/ High-positioned air intake
/ Hydraulic oil filter
/ Self-lock valve of mast tilting
/ Cable parking brake
/ Front combined lamp
/ Electrical horn
/ Headlight
/ Buzzer
/ Hour meter
/ Load safety valve
/ Engine hood spring
/ Rear combined lamp
/ Charging indicator
/ Oilcooler (hydraulic transmission)
/ Water temperature gauge
/ Transmission oil temperature warning
/ Standard seat
/ Two-disc multiple valve

A series 1.0-2.0t forklift specification

Distinguishing mark	1.1	Manufacturer		HANGCHA GROUP CO.,LTD.							
	1.2	Manufacturer's type designation		CPCD10-AG65J	CPCD15-AW10	CPCD18-AW10	CPCD20-AG2	CPCD20-AG51	CPCD20-AG65J	CPCD20-AW27	CPCD20-AW10
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
	1.5	Rated capacity/rated load	Q (kg)	1000	1500	1750	2000	2000	2000	2000	2000
	1.6	Load centre distance	c (mm)	500	500	500	500	500	500	500	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	405	405	410	470	470	470	470	470
	1.9	Wheelbase	y (mm)	1475	1475	1475	1665	1665	1665	1665	1665
Weight	2.1	Service Weight	kg	2300	2550	2750	3440	3440	3440	3440	3440
	2.2	Axle loading, laden front/rear	kg	2940/360	3590/510	4075/505	4815/625	4815/625	4815/625	4815/625	4815/625
	2.3	Axle loading, unladen front/rear	kg	1290/1010	1170/1430	1190/1640	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800
Tyres, chassis	3.2	Tyre size, front		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
	3.3	Tyre size, rear		5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR
	3.6	Tread, front	b_{10} (mm)	890	890	890	965	965	965	965	965
	3.7	Tread, rear	b_{11} (mm)	900	900	900	971.5	971.5	971.5	971.5	971.5
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12
	4.2	Height, mast lowered	h_1 (mm)	1995	1995	1995	1995	1995	1995	1995	1995
	4.3	Free lift	h_2 (mm)	155	155	155	140	140	140	140	140
	4.4	Lift	h_3 (mm)	3000	3000	3000	3000	3000	3000	3000	3000
	4.5	Height, mast extended	h_4 (mm)	3965	3965	3965	4045	4045	4045	4045	4045
	4.7	Height of overhead guard (cabin)	h_6 (mm)	2110	2110	2110	2120	2120	2120	2120	2120
	4.20	Length to face of forks	l_2 (mm)	2245	2290	2325	2550	2550	2550	2550	2550
	4.21	Overall width	b_1(mm)	1080	1080	1080	1155	1155	1155	1155	1155
	4.22	Fork dimensions ISO 2331	s/e/l (mm)	920×100×35	920×100×35	920×100×35	1070×122×40	1070×122×40	1070×122×40	1070×122×40	1070×122×40
	4.25	Distance between fork-arms	b_5 (mm)	226-970	226-970	226-970	260-1020	260-1020	260-1020	260-1020	260-1020
	4.31	Ground clearance, laden, below mast	m_1 (mm)	115	115	115	105	105	105	105	105
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	145	145	145	150	150	150	150	150
	4.35	Turning radius	Wa (mm)	1950	1995	2025	2170	2170	2170	2170	2170
		Aisle width	Ast (mm)	2355	2400	2435	2640	2640	2640	2640	2640
Performance Data	5.1	Travel speed, laden/unladen	km/h	-/14.5	-/14.5	-/14.5	-/19	-/19	-/19	-/20	-/18
	5.2	Lift speed, laden/unladen	m/s	0.500/-	0.460/-	0.460/-	0.580/-	0.580/-	0.580/-	0.540/-	0.480/-
	5.3	Lowering speed, laden/unladen	m/s	0.450/-	0.450/-	0.450/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-
	5.5	Drawbar pull, laden/unladen	N	19500/-	20500/-	20500/-	21300/-	21300/-	21300/-	20500/-	19320/-
	5.7	Gradeability, laden/unladen	%	20/-	20/-	20/-	20/-	20/-	20/-	20/-	20/-
Combustion-engine	7.1	Engine manufacturer/type		4D27G31-078	C240NKFC	C240NKFC	C490BPG-204	4D27G31	4D27G31-078	A498BT1-1	C240NKFC
	7.2	Engine power according to DIN ISO 1585	kw	36.8	35.4	35.4	40	36.8	36.8	36.8	35.4
	7.3	Rated speed	min	2500	2500	2500	2650	2500	2500	2400	2500
		Rated torque	N·m/r/min	156/1700-1900	139.9/1800	139.9/1800	160/1800-2000	156/1800-2000	156/1700-1900	186/1600-1800	139.9/1800
	7.4	Number of cylinders/displacement	(-)/(cm^3)	-/2670	-/2369	-/2369	-/2670	-/2670	-/2670	-/3168	-/2369
	7.10	Battery voltage/nominal capacity	V/Ah	12/90	12/60	12/60	12/90	12/90	12/90	12/90	12/90
		Transmissions Manufacturer		China	China	China	China	China	China	China	China
		Transmissions Type		Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift
		Stage FWD/RVS		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Addition data	10.1	Operating pressure for attachments	bar	175	175	175	175	175	175	175	175
	10.4	Fuel tank capacity	liter	50	50	50	60	60	60	60	60

Note:*With suspension seat or cabin.

1.Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast:4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m)

2. Attachment available.

A series 2.5-3.0t forklift specification

Distinguishing mark	1.1	Manufacturer		HANGCHA GROUP CO.,LTD.								
	1.2	Manufacturer's type designation		CPCD25-AG2	CPCD25-AG51	CPCD25-AG65J	CPCD25-AW27	CPCD25-AW10	CPCD30-AG2	CPCD30-AG51	CPCD30-AG65J	CPCD30-AW27	CPCD30-AW10
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
	1.5	Rated capacity/rated load	Q (kg)	2500	2500	2500	2500	2500	3000	3000	3000	3000	3000
	1.6	Load centre distance	c (mm)	500	500	500	500	500	500	500	500	500	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	470	470	470	470	470	480	480	480	480	480
	1.9	Wheelbase	y (mm)	1665	1665	1665	1665	1665	1760	1760	1760	1760	1760
Weight	2.1	Service Weight	kg	3765	3765	3765	3765	3765	4270	4270	4270	4270	4270
	2.2	Axle loading, laden front/rear	kg	5530/735	5530/735	5530/735	5530/735	5530/735	6480/790	6480/790	6480/790	6480/790	6480/790
	2.3	Axle loading, unladen front/rear	kg	1560/2205	1560/2205	1560/2205	1560/2205	1560/2205	1765/2505	1765/2505	1765/2505	1765/2505	1765/2505
Tyres, chassis	3.2	Tyre size, front		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR
	3.3	Tyre size, rear		6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	3.6	Tread, front	b_{10} (mm)	965	965	965	965	965	1005	1005	1005	1005	1005
	3.7	Tread, rear	b_{11} (mm)	971.5	971.5	971.5	971.5	971.5	973.5	973.5	973.5	973.5	973.5
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12
	4.2	Height, mast lowered	h_1 (mm)	1995	1995	1995	1995	1995	2055	2055	2055	2055	2055
	4.3	Free lift	h_2 (mm)	140	140	140	140	140	145	145	145	145	145
	4.4	Lift	h_3 (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
	4.5	Height, mast extended	h_4 (mm)	4045	4045	4045	4045	4045	4140	4140	4140	4140	4140
	4.7	Height of overhead guard (cabin)	h_6 (mm)	2120	2120	2120	2120	2120	2150	2150	2150	2150	2150
	4.20	Length to face of forks	l_2 (mm)	2635	2635	2635	2635	2635	2780	2780	2780	2780	2780
	4.21	Overall width	b_1(mm)	1155	1155	1155	1155	1155	1225	1225	1225	1225	1225
	4.22	Fork dimensions ISO 2331	s/e/l (mm)	1070×122×40	1070×122×40	1070×122×40	1070×122×40	1070×122×40	1070×122×45	1070×122×45	1070×122×45	1070×122×45	1070×122×45
	4.25	Distance between fork-arms	b_5 (mm)	260-1020	260-1020	260-1020	260-1020	260-1020	290-1100	290-1100	290-1100	290-1100	290-1100
	4.31	Ground clearance, laden, below mast	m_1 (mm)	105	105	105	105	105	130	130	130	130	130
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	150	150	150	150	150	175	175	175	175	175
	4.35	Turning radius	Wa (mm)	2240	2240	2240	2240	2240	2400	2400	2400	2400	2400
		Aisle width	Ast (mm)	2710	2710	2710	2710	2710	2880	2880	2880	2880	2880
Performance Data	5.1	Travel speed, laden/unladen	km/h	-/19	-/19	-/19	-/20	-/18	-/20	-/20	-/20	-/19	-/19
	5.2	Lift speed, laden/unladen	m/s	0.580/-	0.580/-	0.580/-	0.540/-	0.480/-	0.460/-	0.460/-	0.460/-	0.430/-	0.380/-
	5.3	Lowering speed, laden/unladen	m/s	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-
	5.5	Drawbar pull, laden/unladen	N	21300/-	21300/-	21300/-	20500/-	19320/-	20300/-	20300/-	20300/-	19500/-	18400/-
	5.7	Gradeability, laden/unladen	%	20/-	20/-	20/-	20/-	20/-	20/-	20/-	20/-	20/-	15/-
Combustion-engine	7.1	Engine manufacturer/type		C490BPG-204	4D27G31	4D27G31-078	A498BT1-1	C240NKFC	C490BPG-204	4D27G31	4D27G31-078	A498BT1-1	C240NKFC
	7.2	Engine power according to DIN ISO 1585	kw	40	36.8	36.8	36.8	35.4	40	36.8	36.8	36.8	35.4
	7.3	Rated speed	min	2650	2500	2500	2400	2500	2650	2500	2500	2400	2500
		Rated torque	N·m/r/min	160/1800-2000	156/1800-2000	156/1700-1900	186/1600-1800	139.9/1800	160/1800-2000	156/1800-2000	156/1700-1900	186/1600-1800	139.9/1800
	7.4	Number of cylinders/displacement	(-)/(cm^3)	-/2670	-/2670	-/2670	-/3168	-/2369	-/2670	-/2670	-/2670	-/3168	-/2369
	7.10	Battery voltage/nominal capacity	V/Ah	12/90	12/90	12/90	12/90	12/90	12/90	12/90	12/90	12/90	12/90
		Transmissions Manufacturer		China	China	China	China	China	China	China	China	China	China
		Transmissions Type		Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift
		Stage FWD/RVS		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Addition data	10.1	Operating pressure for attachments	bar	175	175	175	175	175	175	175	175	175	175
	10.4	Fuel tank capacity	liter	60	60	60	60	60	70	70	70	70	70

Note:*With suspension seat or cabin.

1.Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast:4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m)

2. Attachment available.

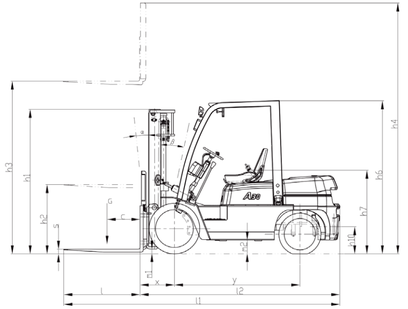
A series 3.5-3.8t forklift specification

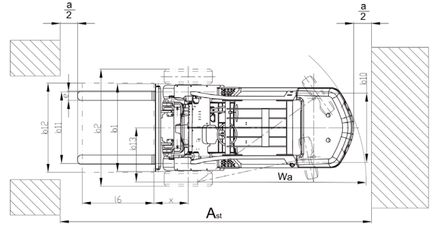
Distinguishing mark	1.1	Manufacturer		HANGCHA GROUP CO.,LTD.						
	1.2	Manufacturer's type designation		CPCD35-AG2	CPCD35-AG5I	CPCD35-AG65J	CPCD35-AW27	CPCD38-AG2	CPCD38-AG65J	CPCD38-AW27
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
	1.5	Rated capacity/rated load	Q (kg)	3500	3500	3500	3500	3800	3800	3800
	1.6	Load centre distance	c (mm)	500	500	500	500	500	500	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	485	485	485	485	485	485	485
	1.9	Wheelbase	y (mm)	1760	1760	1760	1760	1760	1760	1760
Weight	2.1	Service Weight	kg	4555	4555	4555	4555	4755	4755	4755
	2.2	Axle loading, laden front/rear	kg	7195/860	7195/860	7195/860	7195/860	7595/960	7595/960	7595/960
	2.3	Axle loading, unladen front/rear	kg	1890/2665	1890/2665	1890/2665	1890/2665	1890/2865	1890/2865	1890/2865
Tyres, chassis	3.2	Tyre size, front		28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR
	3.3	Tyre size, rear		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	3.6	Tread, front	b_{10} (mm)	1005	1005	1005	1005	1005	1005	1005
	3.7	Tread, rear	b_{11} (mm)	973.5	973.5	973.5	973.5	973.5	973.5	973.5
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)	6/12	6/12	6/12	6/12	6/12	6/12	6/12
	4.2	Height, mast lowered	h_1 (mm)	2170	2170	2170	2170	2170	2170	2170
	4.3	Free lift	h_2 (mm)	150	150	150	150	150	150	150
	4.4	Lift	h_3 (mm)	3000	3000	3000	3000	3000	3000	3000
	4.5	Height, mast extended	h_4 (mm)	4140	4140	4140	4140	4140	4140	4140
	4.7	Height of overhead guard (cabin)	h_6 (mm)	2150	2150	2150	2150	2150	2150	2150
	4.20	Length to face of forks	l_2 (mm)	2815	2815	2815	2815	2815	2815	2815
	4.21	Overall width	b_1(mm)	1225	1225	1225	1225	1225	1225	1225
	4.22	Fork dimensions ISO 2331	s/e/l (mm)	1070×122×50	1070×122×50	1070×122×50	1070×122×50	1070×122×50	1070×122×50	1070×122×50
	4.25	Distance between fork-arms	b_5 (mm)	290-1100	290-1100	290-1100	290-1100	290-1100	290-1100	290-1100
	4.31	Ground clearance, laden, below mast	m_1 (mm)	130	130	130	130	130	130	130
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	175	175	175	175	175	175	175
	4.35	Turning radius	Wa (mm)	2420	2420	2420	2420	2420	2420	2420
		Aisle width	Ast (mm)	2905	2905	2905	2905	2905	2905	2905
Performance data	5.1	Travel speed, laden/unladen	km/h	-/20	-/20	-/20	-/19	-/20	-/20	-/20
	5.2	Lift speed, laden/unladen	m/s	0.360/-	0.380/-	0.380/-	0.340/-	0.360/-	0.380/-	0.340/-
	5.3	Lowering speed, laden/unladen	m/s	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-	0.500/-
	5.5	Drawbar pull, laden/unladen	N	20300/-	20300/-	20300/-	19500/-	20300/-	20300/-	19500/-
	5.7	Gradeability, laden/unladen	%	20/-	15/-	15/-	20/-	15/-	15/-	15/-
Combustion-engine	7.1	Engine manufacturer/type		C490BPG-204	4D27G31	4D27G31-078	A498BT1-1	C4908PG-204	4D27G31-078	A498BT1-1
	7.2	Engine power according to DIN ISO 1585	kw	40	36.8	36.8	36.8	40	36.8	36.8
	7.3	Rated speed	min	2650	2500	2500	2400	2650	2500	2400
		Rated torque	N·m/r/min	160/1800-2000	156/1800-2000	156/1700-1900	186/1600-1800	160/1800-2000	156/1700-1900	186/1600-1800
	7.4	Number of cylinders/displacement	(-)/(cm³)	-/2670	-/2670	-/2670	-/3168	-/2670	-/2670	-/3168
	7.10	Battery voltage/nominal capacity	V/Ah	12/90	12/90	12/90	12/90	12/90	12/90	12/90
		Transmissions Manufacturer		China	China	China	China	China	China	China
		Transmissions Type		Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift
		Stage FWD/RVS		1/1	1/1	1/1	1/1	1/2	1/2	1/2
Addition data	10.1	Operating pressure for attachments	bar	175	175	175	175	175	175	175
	10.4	Fuel tank capacity	liter	70	70	70	70	70	70	70

Note:*with suspension seat or cabin.
1.Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast:4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m)
2. Attachment available.

Optional Engine

Engine	Engine manufacturer/type		XINCHAI/4D27G31	XINCHAI/4D27G31	ISUZU/C240NKFC	XINCHAI/A498BT1	XINCHAI/C490BPG	XINCHAI/4D32G31	MITSUBISHI/S4S-DPEU2
	Manufacturer's type designation		G51	G65J	W10	WZ7	G2	G52	W55
	Drive		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
	Emission STD		GB III	GB III	StageIIIA	StageIIIA	GB II	GB III	StageIIIA
	Engine power	kW/r/min	36.8/2500	36.8/2500	35.4/2500	36.8/2400	40/2650	36.8/2500	35.3/2250
	Rated torque	N·m/r/min	156/1800-2000	156/1700-1900	139.9/1800	186/1600-1800	160/1800-2000	186/1600-1800	177/1700
	Number of cylinders/displacement	ml	4/2670	4/2670	4/2369	4/3168	4/2670	4/3168	4/3331
Rated capacity/rated load		Q (kg)	2000-3500	1000-3800	1500-3000	2000-3800	1000-3800	2000-3500	2000-3500





LOAD CHART

