HEFTY
INDUSTRIAL EQUIPMENTS
Innovate to Elevate

MAX-3

Innovation to Create New Market

CPC(D)20-35T3
CPQ(D)20-35T3

Diesel/Gasoline Forklift 2.0/2.5/3.0/3.5t

CPC/Q(D)30T3

T3 series 3.0 forklift specification:

General	1	Manufacture								
	2	Model				CPC(D)30T3	CPC(D)30T3	CPC(D)30T3	CPC(D)30T3	CPQ(D)30T3
	3	Power type				Diesel	Diesel	Diesel	Diesel	Gasoline
	4	Rated capacity			Kg	3000	3000	3000	3000	3000
	5	Load center			mm	500	500	500	500	500
Characteristics & Dimensions	6	Lift height		B	mm	3000	3000	3000	3000	3000
	7	Free lift height		E	mm	120	120	120	120	120
	8	Fork size	L×W×T	JW/T	mm	1070×125×45	1070×125×45	1070×125×45	1070×125×45	1070×125×45
	9	Mast tilt range	F/R	F/K (°)	deg	6/10	6/10	6/10	6/10	6/10
	10	Fork overhang(wheel center to fork face)		K	mm	481	481	481	481	481
	11	Rear overhang		M	mm	500	500	500	500	500
	12	Overall dimensions	Length to face of fork	Y	mm	2710	2710	2710	2710	2710
	13		Overall width	Q	mm	1230	1230	1230	1230	1230
	14		Mast lowered height	C	mm	2070	2070	2070	2070	2070
	15		Mast extended height	A	mm	4210	4210	4210	4210	4210
	16		Overhead guard height	P	mm	2190	2190	2190	2190	2190
	17	Turning radius(outsude)		R	mm	2500	2500	2500	2500	2500
Performance	18	Speed	Travel (No load)		Km/h	20	20	20	20	20
	19		Lifting (Full load)		mm/sec	470	470	470	470	470
	20		Lowering (Full load)		mm/sec	400	400	400	400	400
	21	Max.Drawbar Pull (Full load)			N	21000	21000	21000	21000	21000
	22	Max.Gradeability (Full load)			%	20	20	20	20	20
Chassis	23	Tyres	Front		mm	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR
	24		Rear		mm	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	25	Tread	Font	U	mm	1010	1010	1010	1010	1010
	26		Rear	V	mm	980	980	980	980	980
	27	Wheelbase		L	mm	1750	1750	1750	1750	1750
	28	Ground clearance	Lowest		mm	150/120	150/120	150/120	150/120	150/120
	29		Wheelbase center		mm	170/150	170/150	170/150	170/150	170/150
Weight	30	Self weight			Kg	4120	4120	4120	4120	4120
	31	Weight Distribution	Full load Front		Kg	6420	6420	6420	6420	6420
	32		Full load Rear		Kg	700	700	700	700	700
	33		No load Front		Kg	1720	1720	1720	1720	1720
	34		No load Rear		Kg	2400	2400	2400	2400	2400
Power & transmission	35	Battery	Voltage/Capacity(20HR)		V/Ah	12/80	12/60	12/60	12/60	12/60
	36	Engine	Modal			A498BT1-39	S4S	C240	TD27	GK25
	37		Manufacture			XIN CHAI	Mitsubishi	ISUZU	GCT	GCT
	38		Rated output/r.p.m		kw	36.8/2400	35.3/2250	34.5/2500	38.5/2300	37.4/2300
	39		Rated torque/r.p.m		N.m	186/1600-1800	166/1700	139/1800	160/2300	176.5/1600
	40		No.of cylinder			4	4	4	4	4
	41		Bore×Stroke		mm	95×105	94×120	86×102	96/92	89×100
	42		Displacement		cc	2980	3331	2369	2663	2488
	43		Emission standard			EURⅡ	EURⅢ	EURⅢ	/	/
	44		Fuel tank capacity		L	70	70	70	60	70
	45	Transmissions	Manufacture			OEM	OEM	OEM	OEM	OEM
	46		Type			Mechanical / Powershift	Mechanical / Powershift	Mechanical / Powershift	Mechanical / Powershift	Mechanical / Powershift
	47		Stage	FWD/RVS		2/2	1/1	1/1	1/1	1/1
	48	Operating pressure			Mpa	17.5	17.5	17.5	17.5	17.5

1.Special lifting height available (2-stage mast :2.5m,2.7m,3.0m,3.3m,3.5m,3.6m,3.7m,4m,4.3m,4.5m,5m. Full Free Duplex Mast 3.0m,3.3m,3.5m,3.6m,4.0m. 3-stage mast : 4.3m,4.5m,4.8m,5m,5.5m,6m,6.5m,7.0m)
2.Attachment available. 3.The specification in the table are for standard models only,For further information please contact us. 4.Specification are subject to change without notice.

Mast Option

2.0~2.5tT3 series mast: (pneumatic)

Tpye	Model	Max.fork height	Overall height			Free lift		Front Overhang		Tilt range		Capacity			
			Lowered	Extended		Without backrest	With backrest			FWD	BWD	Load capacity at 500 mm			
				Without backrest	With backrest							Single tire		Double tire	
												2.0t	2.5t	2.0t	2.5t
		mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg
Wide view mast	2W200	2000	1550	2630	3000	120	120	476	476	6	10	2000	2500	2000	2500
	2W250	2500	1800	3130	3500	120	120	476	476	6	10	2000	2500	2000	2500
	2W270	2700	1900	3330	3700	120	120	476	476	6	10	2000	2500	2000	2500
	2W300	3000	2050	3630	4000	120	120	476	476	6	10	2000	2500	2000	2500
	2W330	3300	2200	3930	4300	120	120	476	476	6	10	2000	2500	2000	2500
	2W350	3500	2300	4130	4500	120	120	476	476	6	10	2000	2500	2000	2500
	2W360	3600	2350	4230	4600	120	120	476	476	6	10	2000	2500	2000	2500
	2W400	4000	2600	4630	5000	120	120	476	476	6	10	1900	2300	2000	2500
	2W430	4300	2750	4930	5300	120	120	476	476	6	6	1800	2100	1950	2450
	2W450	4500	2850	5130	5500	120	120	476	476	6	6	1700	2000	1900	2400
Wide view full 2-stage mast	2F250	2500	1785	3160	3500	1080	730	476	476	6	10	2000	2500	2000	2500
	2F270	2700	1885	3360	3700	1180	830	476	476	6	10	2000	2500	2000	2500
	2F300	3000	2035	3660	4000	1330	980	476	476	6	10	2000	2500	2000	2500
	2F330	3300	2185	3960	4300	1480	1130	476	476	6	10	2000	2500	2000	2500
	2F360	3600	2335	4260	4600	1630	1280	476	476	6	10	2000	2500	2000	2500
	2F400	4000	2585	4660	5000	1880	1530	476	476	6	10	1900	2300	2000	2500
Wide view full 3-stage mast	3F430	4300	2035	4970	5300	1360	1045	490	490	6	6	1700	2000	1900	2400
	3F450	4500	2115	5170	5500	1440	1125	490	490	6	6	1600	1900	1800	2300
	3F480	4800	2220	5470	5800	1545	1230	490	490	6	6	1500	1700	1700	2100
	3F500	5000	2305	5670	6000	1630	1315	490	490	6	6	1400	1600	1600	2000
	3F550	5500	2555	6170	6500	1880	1565	490	490	3	6	1050	1200	1500	1800
	3F600	6000	2805	6670	7000	2130	1815	490	490	3	6	700	800	1400	1600

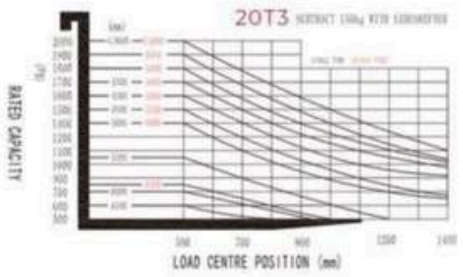
Note:1. With sideshifter minus 150Kg, with integral sideshifter minus 100Kg.

3.0-3.5t T3 series mast: (pneumatic)

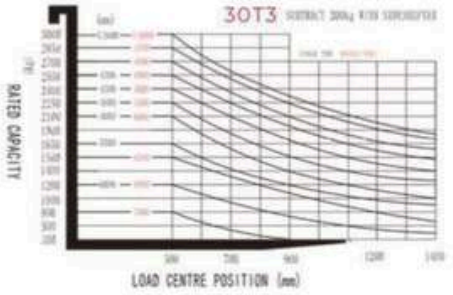
Tpye	Model	Max.fork height	Overall height			Free lift		Front Overhang		Tilt range		Capacity			
			Lowered	Extended		Without backrest	With backrest			FWD	BWD	Load capacity at 500 mm			
				Without backrest	With backrest							Single tire	Double tire	Single tire	Double tire
								3.0t	3.5t			3.0t	3.0t	3.5t	3.5t
		mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg
Wide view mast	2W200	2000	1570	2570	3250	120	120	481	486	6	10	3000	3000	3500	3500
	2W250	2500	1820	3070	3750	120	120	481	486	6	10	3000	3000	3500	3500
	2W270	2700	1920	3270	3950	120	120	481	486	6	10	3000	3000	3500	3500
	2W300	3000	2070	3570	4250	120	120	481	486	6	10	3000	3000	3500	3500
	2W330	3300	2220	3690	4370	120	120	481	486	6	10	3000	3000	3500	3500
	2W350	3500	2320	3890	4570	120	120	481	486	6	10	3000	3000	3500	3500
	2W360	3600	2370	3990	4670	120	120	481	486	6	10	3000	3000	3500	3500
	2W400	4000	2620	4040	4720	120	120	481	486	6	10	2850	3000	3250	3500
	2W430	4300	2770	4340	5020	120	120	481	486	6	6	2700	2900	3000	3400
	2W450	4500	2870	4290	4970	120	120	481	486	6	6	2550	2850	2850	3350
wide view full 2-stage mast	2F250	2500	1805	2220	2900	1210	560	481	486	6	10	3000	3000	3500	3500
	2F270	2700	1905	2320	3000	1310	660	481	486	6	10	3000	3000	3500	3500
	2F300	3000	2055	2620	3300	1460	810	481	486	6	10	3000	3000	3500	3500
	2F330	3300	2205	3870	4550	1610	960	481	486	6	10	3000	3000	3500	3500
	2F360	3600	2355	4020	4700	1760	1110	481	486	6	10	3000	3000	3500	3500
	2F400	4000	2605	4420	5100	2060	1410	481	486	6	10	2850	3000	3250	3500
wide view full 3-stage mast	3F430	4300	2095	4910	5570	1360	730	495	500	6	6	2550	2850	2850	3350
	3F450	4500	2175	5070	5750	1460	810	495	500	6	6	2400	2700	2700	3200
	3F480	4800	2280	5375	6050	1565	915	495	500	6	6	2250	2550	2450	2950
	3F500	5000	2365	5570	6250	1610	960	495	500	6	6	1650	2250	2300	2800
	3F550	5500	2615	6150	6830	1770	1120	495	500	3	6	1800	2250	1800	2550
	3F600	6000	2865	6570	7250	2020	1370	495	500	3	6	1200	2100	1300	2300

Note:1. With sideshifter minus 200Kg, with integral sideshifter minus 150Kg.

RATED CAPACITIES AND LOAD CENTERES GRAPH



RATED CAPACITIES AND LOAD CENTERES GRAPH



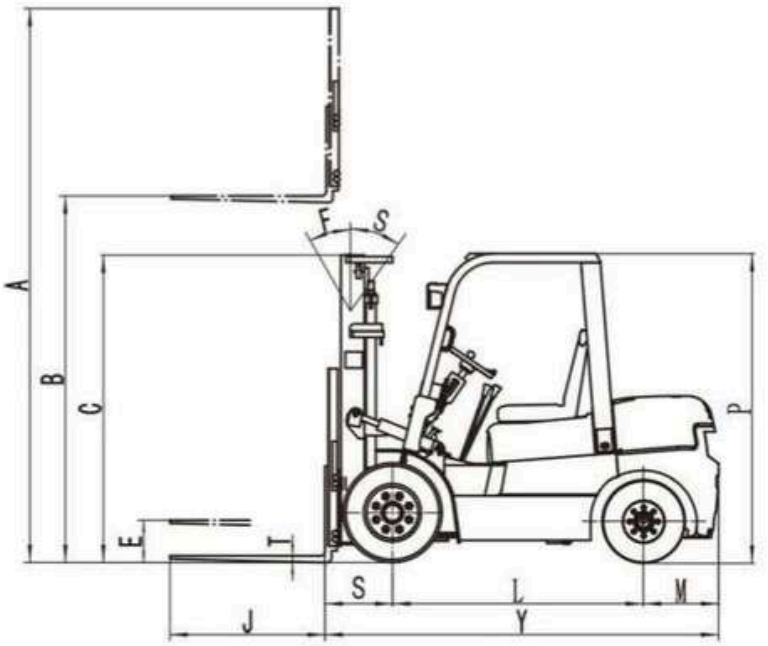
RATED CAPACITIES AND LOAD CENTERES GRAPH

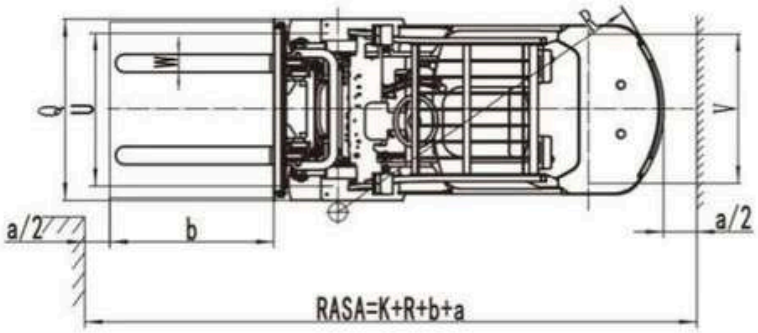
RATED CAPACITIES AND LOAD CENTERES GRAPH

Option

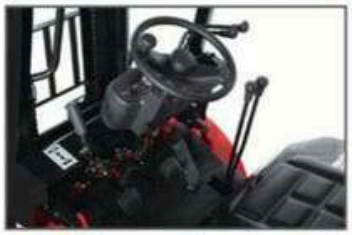
	Options	20T3	25T3	30T3	35T3
1	Fork length	○	○	○	○
2	Fork extension	○	○	○	○
3	Folded fork	○	○	○	○
4	Imported diesel engine	○	○	○	○
5	Import Gasoline Engine	○	○	○	○
8	LPG system	○	○	○	○
9	High exhaust	○	○	○	○
10	Double air filtration	○	○	○	○
11	Solid rubber tire	○	○	○	○
12	No marking solid tire	○	○	○	○
14	Overhead guard	○	○	○	○
15	Mast options	○	○	○	○
16	Attachments	○	○	○	○
17	Integrated side shift	○	○	○	○
19	Cockpit	●	●	●	●
20	Heater	○	○	○	○
21	Front windshield with wiper	○	○	○	○
22	Rear windshield with wiper	○	○	○	○
23	Simple cabin room	○	○	○	○
24	LED lights	○	○	○	○
25	Fire extinguisher	○	○	○	○
26	Suspension seat	○	○	○	○
27	Seat switch	○	○	○	○
28	Warning light	○	○	○	○
29	Insulation mat	○	○	○	○
30	Double front tyre	○	○	○	○
31	Front work light	●	●	●	●
32	Rear working LED light	○	○	○	○
33	OPS system	○	○	○	○
34	fan	○	○	○	○

Note: ● standard ○ option — NA


A
B
C
E
T
F
S
P
S
L
M
J
Y


W
Q
U
V
a/2
b
a/2
RASA=K+R+b+a

HEFTY



25