



IAUTA GASOLINE FORKLIFT 1.5-2.5T



Q SERIES

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Anatomy Of Internal Combustion Forklift



LED light

LED lights provide bright, energy-efficient lighting for safer operation.



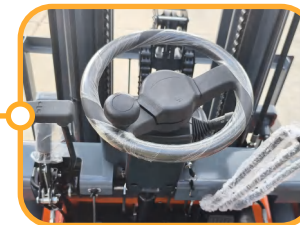
Park and forward switch

Adopt a hydraulic transmission for smoother operation



Fuel switch

Fuel switch for easy and quick switching of different fuels



Cabin Of IGF30

The advanced ergonomic design, with the integrated control handle and centrally placed switches, makes operation fast and easy.



GQ-4Y

The GQ-4Y CNG/gasoline dual-fuel engine is developed using American IMPCO technology and uses a Nissan carburetor imported from Japan. It is the preferred power for 1-3 ton clean energy forklifts.



PNEUMATIC TIRE

Using top-tier industrial tires from China ensures the product's longevity, stability, and safety.



Q-SERIES 1.5-2.5 TON GASOLINE FORKLIFT TECHNICAL SPECIFICATION

Parameter				
Model		IGF15	IGF20	IGF25
Power Type		LPG & Gasoline	LPG & Gasoline	LPG & Gasoline
Lift capacity	kg	1500	2000	2500
Load center distance	mm	500	500	500
Battery (Voltage/Capacity)	V/Ah	12/80	12/80	12/80
Performance Parameters				
Max. lift height	mm	3000	3000	3000
Free lift height	mm	100	150	150
Mast titl angle(front/rear)		6/12	6/12	6/12
Max. lift speed (full load/no load)	mm/s	480/500	530/550	530/550
Max. travelling speed (full load/no load)	km/h	14/15	17/19	17/19
Min. turning radius (outer side)	mm	1950	2170	2240
Gradeability (full load/no load)	%	20/21	20/21	20/21
Overweight	kg	2900	3320	3680
Dimensions				
Length (without fork)	mm	2260	2502	2576
Width	mm	1090	1170	1170
Height of mast	mm	2125	2125	2125
Overall height (overhead guard)	mm	2050	2070	2070
Height of load-backrest	mm	1225	1225	1225
Min. ground clearance	mm	110	110	110
Wheel base	mm	1400	1600	1600
Other Parameters				
Front tires		6.50-10-10PR	7.00-12-12PR	7.00-12-12PR
Rear tires		5.00-8-10PR	6.00-9-10PR	6.00-9-10PR
Fork size(L*W*H)	mm	920×100×35	1070×100×45	1070×100×45
Engines				
Engine Model		GUANGQING GQ4Y	GUANGQING GQ4Y	GUANGQING GQ4Y
Rated power	kw/rpm	Gasoline:41/2800 CNG:34.5/2800	Gasoline:41/2800 CNG:34.5/2800	Gasoline:41/2800 CNG:34.5/2800
Rated torque	Nm/rpm	Gasoline:161@1800 CNG:137@1800	Gasoline:161@1800 CNG:137@1800	Gasoline:161@1800 CNG:137@1800
No.of Cylinder		4	4	4
Displacement	L	2.24	2.24	2.24

Q-SERIES 1.5-2.5 TON GASOLINE FORKLIFT WIDE VIEW MAST

Model	Max. lifting height	Overall Height									Free lift height		Front overhang			mast tilt angle		Rated load					
		Landing height of mast			Overall height at max. lift						without load backrest	with load backrest				load center distance 500mm							
					without load-backrest			with load-backrest								Front single tire			Twin front tires				
		1.5t	2.0t	2.5t	1.5t	2.0t	2.5t	1.5t	2.0t	2.5t			1.5t	2.0t	2.5t	1.5t	2.0t	2.5t					
		mm	mm	mm	mm	mm	mm	mm	mm	mm			mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg
B200	2000	1590	1610	1610	2535	2575	2575	3060	3020	3020	100	100	417	462	462	6	12	1500	2000	2500	1500	2000	2500
B250	2500	1840	1860	1860	3035	3075	3075	3560	3520	3520	100	100	417	462	462	6	12	1500	2000	2500	1500	2000	2500
B300	3000	2090	2110	2110	3535	3575	3575	4060	4020	4020	100	100	417	462	462	6	12	1500	2000	2500	1500	2000	2500
B330	3300	2240	2260	2260	3835	3875	3875	4360	4320	4320	100	100	417	462	462	6	12	1500	2000	2500	1500	2000	2500
B350	3500	2340	2360	2360	4035	4075	4075	4560	4520	4520	100	100	417	462	462	6	12	1500	2000	2500	1500	2000	2500
B370	3700	2440	2460	2460	4235	4275	4275	4760	4720	4720	100	100	417	462	462	6/*6	6/*12	1500	2000	2500	1500	2000	2500
B400	4000	2640	2660	2660	4535	4575	4575	5060	5020	5020	100	100	417	462	462	6/*6	6/*12	1500	2000	2500	1500	2000	2500
B425	4250	2765	2785	2785	4785	4825	4825	5310	5270	5270	100	100	417	462	462	6/*6	6/*12	1400	1900	2250	1500	2000	2500
B450	4500	2890	2910	2910	5035	5075	5075	5560	5520	5520	100	100	417	462	462	6/*6	6/*12	1300	1800	2150	1400	1900	2400
B500	5000	3140	3160	3160	5535	5575	5575	6060	6020	6020	100	100	417	462	462	6/*6	6/*6	1000	1600	1650	1350	1700	2200
B550	5500	3440	3460	3460	6035	6075	6075	6560	6520	6520	100	100	417	462	462	*3	*6	800	1300	1450	1150	1600	1950
B600	6000	3690	3710	3710	6535	6575	6575	7060	7020	7020	100	100	417	462	462	*3	*6	700	1200	1300	1050	1500	1800

Note:①**Indicates the mast inclination angle when the front wheels are twin

Q-SERIES 1.5-2.5 TON GASOLINE FORKLIFT FULL FREE 2-STAGE MAST

Model	Max. lifting height	Overall Height									Free lift height				Front overhang	mast tilt angle		Rated load								
		Landing height of mast			Overall height at max. lift						without load-backrest		with load-backrest			Front	Back	load center distance 500mm								
					without load-backrest			with load-backrest										Front single tire			Twin front tires					
		1.5t	2.0t	2.5t	1.5t	2.0t	2.5t	1.5t	2.0t	2.5t	1.5t	2-2.5t	1.5t	2-2.5t				1.5t	2.0t	2.5t	1.5t	2.0t	2.5t	1.5t	2.0t	2.5t
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				mm	mm	mm	mm	Deg	Deg	kg	kg	kg
Q200	2000	1590	1610	1610	2535	2575	2575	3060	3020	3020	1050	1025	560	580	417	462	462	6	12	1500	2000	2500	1500	2000	2500	
Q250	2500	1840	1860	1860	3035	3075	3075	3560	3520	3520	1260	1275	770	830	417	462	462	6	12	1500	2000	2500	1500	2000	2500	
Q300	3000	2090	2110	2110	3535	3575	3575	4060	4020	4020	1510	1525	1020	1080	417	462	462	6	12	1500	2000	2500	1500	2000	2500	
Q330	3300	2240	2260	2260	3835	3875	3875	4360	4320	4320	1660	1675	1170	1230	417	462	462	6	12	1500	2000	2500	1500	2000	2500	
Q350	3500	2340	2360	2360	4035	4075	4075	4560	4520	4520	1760	1775	1270	1330	417	462	462	6	12	1500	2000	2500	1500	2000	2500	
Q370	3700	2440	2460	2460	4235	4275	4275	4760	4720	4720	1845	1875	1355	1430	417	462	462	6/*6	6/*12	1500	2000	2500	1500	2000	2500	
Q400	4000	2640	2660	2660	4535	4575	4575	5060	5020	5020	2020	2075	1530	1630	417	462	462	6/*6	6/*12	1500	2000	2500	1500	2000	2500	
Q425	4250	2765	2785	2785	4785	4825	4825	5310	5270	5270	2145	2200	1655	1755	417	462	462	6/*6	6/*12	1400	1900	2250	1500	2000	2500	
Q450	4500	2890	2910	2910	5035	5075	5075	5560	5520	5520	2310	2325	1820	1880	417	462	462	6/*6	6/*12	1300	1800	2150	1400	1900	2400	
Q500	5000	3140	3160	3160	5535	5575	5575	6060	6020	6020	2560	2575	2070	2130	417	462	462	6/*6	6/*6	1000	1600	1650	1350	1700	2200	
Q550	5500	3440	3460	3460	6035	6075	6075	6560	6520	6520	2860	2875	2370	2430	417	462	462	*3	*6	800	1300	1450	1150	1600	1950	
Q600	6000	3690	3710	3710	6535	6575	6575	7060	7020	7020	3110	3125	2620	2680	417	462	462	*3	*6	700	1200	1300	1050	1500	1800	

Note:①**Indicates the mast inclination angle when the front wheels are twin

Q-SERIES 1.5-2.5 TON GASOLINE FORKLIFT FULL FREE 2-STAGE MAST

Model	Max. lifting height	Overall Height									Free lift height				Front overhang			mast tilt angle		Rated load					
		Landing height of mast			Overall height at max. lift						without load-backrest		with load-backrest					load center distance 500mm							
					without load-backrest			with load-backrest										Front single tire			Twin front tires				
		1.5t	2.0t	2.5t	1.5t	2.0t	2.5t	1.5t	2.0t	2.5t	1.5t	2-2.5t	1.5t	2-2.5t	1.5t	2.0t	2.5t	Front	Back	1.5t	2.0t	2.5t	1.5t	2.0t	2.5t
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			Deg	Deg	kg	kg	kg	kg
SQ360	3600	1790	1810	1810	4120	4175	4175	4660	4620	4620	1260	1225	720	780	425	470	470	6/*6	6/*6	1450	2000	2400	1450	2000	2400
SQ400	4000	1915	1935	1935	4520	4575	4575	5060	5020	5020	1385	1350	845	905	425	470	470	6/*6	6/*6	1400	1900	2400	1400	1900	2400
SQ435	4350	2040	2060	2060	4870	4925	4925	5410	5370	5370	1510	1477	970	1032	425	470	470	6/*6	6/*6	1350	1850	2200	1400	1900	2400
SQ450	4500	2090	2110	2110	5020	5075	5075	5560	5520	5520	1560	1525	1020	1080	425	470	470	6/*6	6/*6	1300	1750	2150	1350	1800	2300
SQ470	4700	2160	2175	2175	5220	5275	5275	5760	5720	5720	1620	1590	1080	1145	425	470	470	6/*6	6/*6	1300	1720	2000	1350	1800	2300
SQ480	4800	2190	2210	2210	5320	5375	5375	5860	5820	5820	1660	1625	1120	1180	425	470	470	6/*6	6/*6	1100	1700	1950	1350	1800	2300
SQ500	5000	2290	2310	2310	5520	5575	5575	6060	6020	6020	1760	1725	1220	1280	425	470	470	6/*6	6/*6	1100	1600	1650	1300	1750	2250
SQ540	5400	2415	2435	2435	5920	5975	5975	6460	6420	6420	1885	1855	1345	1410	425	470	470	3/*3	6/*6	850	1450	1500	1250	1700	2150
SQ550	5500	2450	2470	2470	6020	6075	6075	6560	6520	6520	1915	1885	1375	1440	425	470	470	3/*3	6/*6	800	1350	1400	1200	1650	2100
SQ600	6000	2640	2660	2660	6520	6575	6575	7060	7020	7020	2110	2075	1570	1630	425	470	470	3/*3	6/*6	550	950	1000	1100	1600	1800

Note:①**Indicates the mast inclination angle when the front wheels are twin