



To Establish a New industry Model

- > wide view mast
- > load backrest
- > super hydraulic lifting system
- > standard backrest and fork arm carrier
- > combined switch
- > combined instrument(fuel gauge,water temperature gauge,hourmeter,engine oil pressure warning indicator,neutral safety indicator,preheating indicator)
- > adjustable steering wheel
- > radiator reserve water tank
- > oil temperature cooler
- > backward buzzer
- > neutral safety switch
- > back view mirror
- > luxury suspension seat
- > full hydraulic power steering
- > toolbox

Optional equipment

- > Fire extinguisher
- > driver's cab
- > Rear working light
- > Solid tyre
- > high air exhausting device
- > LPG conversion device

Attachment

- > side shift
- > fork positioners
- > lengthening fork extension
- > long fork
- > bale clamps
- > rotator
- > push/pulls
- > paper roll clamps
- > block clamps
- > other



FUJIAN SOUTHCHINA HEAVY MACHINERY MANUFACTURE CO.,LTD

Add: Bin Hai Road,Taiwanese Investment Area,Quanzhou,Fujian,China

TEL: +86-592-5650786

E-Mail:jackson@socmachinery.com

Http://www.socmachinery.com



HIGH EFFICIENCY
ENERGY SAVING **NEW**

A RADICAL INNOVATION

To Establish a New industry Model

How can we design the forklift so as to satisfy the needs of managers, drivers and piled goods? Socma answers this question by its latest series forklift after a wholly devoted research.
To cater for clients' new needs for forklift's function, Socma has further improved its unique hydraulic technology.

Socma has not only maintained its exclusive durability and reliability, but also armed their product with new function, aiming to promote its operational capacity, security and efficiency. We can see this new achievement from its uniquely improved uploading system, the design of cab, operating lever and the car body.

"Keeping improving", as Socma forklift's design principle, has been embedded into every single detail. By all these devotion, We has produced the world-class production which enables every user to operate in a comfortable way.



C SERIES 2-4t NEW C SERIES I.C. FORKLIFT



> Japan original ISUZU C240 or Mitsubishi S4S engine, sharply reduce the concentration of black smoke and noise at the same time, also to achieve high power, low energy consumption.



> Removable side cover is much more conducive to inspection and simple repairs.



> Fuses, relays and other electric elements are integrated into a control box, which makes the maintenance and inspection work more convenient.



> On the basis of increasing the radiator, we use the aluminum for heat-sink which has enhanced significantly the cooling effect.
> Plus large double muffler has superior noise reduction effect.



> The new suspension system, adjustable seat, allowing the driver to feel more comfortable and reducing fatigue during long operations.

> Step area is about 1.5 times of similar forklift, while the step height is lower, more conducive to the driver on forklift.

> The car breast skin with buttons removes a hidden danger of security due to hand slip of operator.

> The broad flat floor dues to sunken tilt cylinder under the floor, which makes a larger space for the driver's steering.

- > Embedded LCD instrument, with neutral display, if not placed in the neutral position, the engine can not be started.
- > Double protection type brake lever to prevent misuse case.
- > Introducing advanced technology from Germany, the unique single chain has greatly enhanced the front view.



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- > With an excellent head protection design, this plastic ceiling make it possible to work safely even in rainy day.



2-4t NEW SERIES
FORKLIFT



Manufacturer		FUJIAN SOUTHCHINA HEAVY MACHINERY MANUFACTURE CO.,LTD			
Model		FG20T	FG25T	FG30T	FG35T
Fuel		Gasoline		Gasoline	
Operator Type		Driver/seat		Driver/seat	
Load Capacity	kg	2000	2500	3000	3500
Load Center	mm	500		500	
Max.Lifting Height	mm	3000		3000	
Free lifting height	mm	150		150	
Fork Size L*W*T	mm	1070*122*40		1070*125*45	1070*125*50
Mast Tilting Angle Fwd/Bwd	deg	6/12		6/12	
Overall Length (without fork)	mm	2605		2705	2760
Overall Width	mm	1150		1240	1240
Mast Height (Fork Lowered)	mm	2040		2140	
Overhead Guard Height	mm	2090		2100	
Turning raduis (exterior)	mm	2170	2240	2400	2400
Min.right angle stacking aisle width	mm	2010	2230	2330	2360
Travelling Speed (Loaded/Unloaded)	km/h	17/19		19/20	
Lifting Speed (Loaded/Unloaded)	mm/s	650/710		630/690	
Lowering Speed (Loaded/Unloaded)	mm/s	480/450		480/450	
Max.drawbar pull (Loaded)	N	13		13	
Max.Gradability(Loaded)	%	19		19	
Service brake (Operation/Control)		Hydraulic-foot pedal		Hydraulic-foot pedal	
Parking brake (Operation/Control)		Mechanical-hand lever		Mechanical-hand lever	
Battery (voltage/capacity)	V/ah	12/90		12/90	
Truck Weight	kg	3310	3620	4310	4610
Weight distribution Loaded (Front/Rear)	kg	4670/620	5420/740	6390/900	7340/940
Weight distribution Unloaded (Front/Rear)	kg	1420/1820	1480/2240	1610/2690	1660/3080
Tyre		Pneumatic Tire		Pneumatic Tire	
Tyre Size (Front/Rear)		7.00-12-12PR/6.00-9-10PR		28*9-15-14PR/6.50-10010PR	
Tyre Number (Front/Rear)		2/2		2/2	
Front tread	mm	970		1000	
Rear tread	mm	970		970	
Engine model		Nissan K21		Nissan K25	
Rated power	KW/rpm	31.2/2250		37.4/2300	
Rated torque	N-m/rpm	143.7/1600		176.5/1600	
Number of cylinder		4		4	
Displacement	L	2.065		2.488	
Fuel tank capacity	L	70		70	
Transmission box type		Electronic hydraulic transmisson		Electronic hydraulic transmisson	

Manufacturer		FUJIAN SOUTHCHINA HEAVY MACHINERY MANUFACTURE CO.,LTD				
Model		FD20T	FD25T	FD30T	FD35T	FD40T
Fuel		Diesel			Diesel	
Operator Type		Driver/seat			Driver/seat	
Load Capacity	kg	2000	2500	3000	3500	4000
Load Center	mm	500			500	
Max.Lifting Height	mm	3000			3000	
Free lifting height	mm	150			150	
Fork Size L*W*T	mm	1070*122*40		1070*125*45	1070*125*50	1070*125*50
Mast Tilting Angle Fwd/Bwd	deg	6/12			6/12	
Overall Length (without fork)	mm	2605		2705	2760	2820
Overall Width	mm	1150		1240	1240	1300
Mast Height (Fork Lowered)	mm	2040			2140	
Overhead Guard Height	mm	2090			2100	
Turning raduis (exterior)	mm	2170	2240	2400	2400	2400
Min.right angle stacking aisle width	mm	2010	2230	2330	2360	2480
Travelling Speed (Loaded/Unloaded)	km/h	17/19			19/20	
Lifting Speed (Loaded/Unloaded)	mm/s	650/710			630/690	
Lowering Speed (Loaded/Unloaded)	mm/s	480/450			480/450	
Max.drawbar pull (Loaded)	N	18			18	
Max.Gradability(Loaded)	%	21			21	
Service brake (Operation/Control)		Hydraulic-foot pedal			Hydraulic-foot pedal	
Parking brake (Operation/Control)		Mechanical-hand lever			Mechanical-hand lever	
Battery (voltage/capacity)	V/ah	12/90			12/90	
Truck Weight	kg	3380	3680	4380	4680	4800
Weight distribution Loaded (Front/Rear)	kg	4700/610	5460/720	6430/880	7380/960	8240/1040
Weight distribution Unloaded (Front/Rear)	kg	1460/1800	1510/2220	1640/2670	1690/3060	1760/3440
Tyre		Pneumatic Tire			Pneumatic Tire	
Tyre Size (Front/Rear)		7.00-12-12PR/6.00-9-10PR			28*9-15-14PR/6.50-10010PR	
Tyre Number (Front/Rear)		2/2			2/2	
Front tread	mm	970			1000	
Rear tread	mm	970			970	
Engine model		ISUZU C240		XINCHAI/C490BPG		ISUZU 4JG2
Rated power	KW/rpm	35.4/2500		40/2650		44.8/2450
Rated torque	N-m/rpm	137.7/1800		160/1600-2000		186/1800
Number of cylinder		4		4		4
Displacement	L	2.369		2.67		3.059
Fuel tank capacity	L	70		70		70
Transmission box type		Electronic hydraulic transmisson			Electronic hydraulic transmisson	