

UNITCM

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 waming 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



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



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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? UNITCM answers this question by its latest series forklift after a wholly devoted research.
To cater for clients' new needs for forklift's function, UNITCM has further improved its unique hydraulic technology.

UNITCM 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 UNITCM 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.



01



➤ 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.

02



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

FD30



➤ 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.



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



2-4t NEW SERIES
FORKLIFT

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

		FD20T		FD25T	FD30T	FD35T	FD40T
Fuel		Diesel		Diesel	Diesel	Diesel	Diesel
Operator Type		Driver/seat		Driver/seat	Driver/seat	Driver/seat	Driver/seat
Load Capacity	kg	2000	2500	3000	3500	4000	4000
Load Center	mm	500		500	500	500	500
Max.Lifting Height	mm	3000		3000	3000	3000	3000
Free lifting height	mm	150		150	150	150	150
Fork Size L*W*T	mm	1070*122*40		1070*125*45	1070*125*50	1070*125*50	1070*125*50
Mast Tilting Angle Fwd/Bwd	deg	6/12		6/12	6/12	6/12	6/12
Overall Length (without fork)	mm	2605		2705	2760	2820	2820
Overall Width	mm	1150		1240	1240	1300	1300
Mast Height (Fork Lowered)	mm	2040		2140	2140	2140	2140
Overhead Guard Height	mm	2090		2100	2100	2100	2100
Turning radius (exterior)	mm	2170	2240	2400	2400	2400	2400
Min.right angle stacking aisle width	mm	2010	2230	2330	2360	2480	2480
Travelling Speed (Loaded/Unloaded)	km/h	17/19		19/20	19/20	19/20	19/20
Lifting Speed (Loaded/Unloaded)	mm/s	650/710		630/690	630/690	630/690	630/690
Lowering Speed (Loaded/Unloaded)	mm/s	480/450		480/450	480/450	480/450	480/450
Max.drawbar pull (Loaded)	N	18		18	18	18	18
Max.Gradability(Loaded)	%	21		21	21	21	21
Service brake (Operation/Control)		Hydraulic-foot pedal		Hydraulic-foot pedal	Hydraulic-foot pedal	Hydraulic-foot pedal	Hydraulic-foot pedal
Parking brake (Operation/Control)		Mechanical-hand lever		Mechanical-hand lever	Mechanical-hand lever	Mechanical-hand lever	Mechanical-hand lever
Battery (voltage/capacity)	V/ah	12/90		12/90	12/90	12/90	12/90
Truck Weight	kg	3380	3680	4380	4680	4800	4800
Weight distribution Loaded (Front/Rear)	kg	4700/610	5460/720	6430/880	7380/960	8240/1040	8240/1040
Weight distribution Unloaded (Front/Rear)	kg	1460/1800	1510/2220	1640/2670	1690/3060	1760/3440	1760/3440
Tyre		Pneumatic Tyre		Pneumatic Tyre	Pneumatic Tyre	Pneumatic Tyre	Pneumatic Tyre
Tyre Size (Front/Rear)		7.00-12-12PR/6.00-9-10PR		28*9-15-14PR/6.50-10010PR	28*9-15-14PR/6.50-10010PR	28*9-15-14PR/6.50-10010PR	28*9-15-14PR/6.50-10010PR
Tyre Number (Front/Rear)		2/2		2/2	2/2	2/2	2/2
Front tread	mm	970		1000	1000	1000	1000
Rear tread	mm	970		970	970	970	970
Engine model		ISUZU C240	XINCHAI/C490BPG	Mitsubishi S4S	ISUZU 4JG2	ISUZU 4JG2	ISUZU 4JG2
Rated power	KW/rpm	35.4/2500	40/2650	34.4/2250	44.8/2450	44.8/2450	44.8/2450
Rated torque	N-m/rpm	137.7/1800	160/1600-2000	169/1700	186/1800	186/1800	186/1800
Number of cylinder		4	4	4	4	4	4
Displacement	L	2.369	2.67	2.488	3.059	3.059	3.059
Fuel tank capacity	L	70	70	70	70	70	70
Transmission box type		Electronic hydraulic transmission		Electronic hydraulic transmission	Electronic hydraulic transmission	Electronic hydraulic transmission	Electronic hydraulic transmission



