



# MONTACARGAS DIESEL

2 - 10 TON



## PRODUCT FEATURES

### High quality

- Reasonable layout of hose and hard pipe, reduce oil pressure loss;
- The mature and reliable engine provides plenty of power;
- The super large capacity aluminum tube belt radiator and optimized heat dissipation channel further improve the heat dissipation capacity of the vehicle;
- The enhanced transmission system has stronger shock resistance and bump resistance.

### High security

- Wide vision mast provides a good front view, accurate disassembly of goods. The grille roof guard provides good upper visual field for drivers;
- Standardized LED lamp, high brightness, long life, energy saving and environmental protection.

### High comfort

- Standard small diameter steering wheel, light control, reduce driver fatigue;
- The combined color instrument has strong human-machine interaction and timely and accurately feedback the running state of vehicles;
- Spacious control space, comfortable seats, enjoy the pleasure of riding.

### Rich options

- high exhaust device , air prefilter, fireproof cap, solid tire, two stage free lift mast, three stage free lift mast , widening fork frame, fork sleeve, side shifter, paper roll clamp, bale clamp, carton clamp, block clamp, rotators, drum clamp, push-pull, etc.

# MONTACARGAS DIESEL 2 - 4 TON

Model		FD20T	FD25T	FD30T	FD35T	FD40T
Gasoline		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 life 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	Mitsubish S4S	ISUZU 4JG2	
Rated power	KW/rpm	35.4/2500	40/2650	34.4/2250	44.8/2450	
Rated torque	N-m/rpm	137.7/1800	160/1600-2000	169/1700	186/1800	
Number of cylinder		4	4	4	4	
Displacement	L	2.369	2.67	2.488	3.059	
Fuel tank capacity	L	70	70	70	70	
Transmission box type		Electronic hydraulic transmisson		Electronic hydraulic transmisson		

# MONTACARGAS DIESEL 5 - 10 TON

Model		UNIT	FD50T	FD60T	FD70T	FD100T				
Specifications	Power Unit		Diesel							
	Operator Type		Driver/Seat							
	Transmission Box Type		Electronic hydraulic transmission							
	Rated Capacity	kg	5000	6000	7000	10000				
	Load Center	mm	600	600	600	600				
	Max.Lifting Height	mm	3000	3000	3000	3000				
	Tire Type		Pneumatic Tire							
	Tire Number	Front		4	4	4	4			
		Rear		2	2	2	2			
	Tire Size	Front		8.25 x 15-14PR	8.25 x 15-14PR	8.25 x 15-14PR	9.00 x 20-14PR			
Rear			8.25 x 15-14PR	8.25 x 15-14PR	8.25 x 15-14PR	9.00 x 20-14PR				
Performance	Lifting Speed	Loaded	mm/s	450	450	450	380			
		Unloaded	mm/s	500	500	500	410			
	Lowering Speed	Loaded	mm/s	500	500	500	450			
		Unloaded	mm/s	450	450	450	400			
	Travelling Speed	Loaded	km/h	25	25	25	26			
		Unloaded	km/h	30	30	30	30			
	Max.Gradeability (Loaded)	%	33	30	27	20				
	Max.Drawbar Pull (Loaded)	kn	5500	5500	5400	5850				
	Mast Tilting Angle (Fwd/Bwd)	deg	6/12	6/12	6/12	6/12				
	Free Lifting Height	mm	145	150	155	180				
Turning Radius	mm	3250	3300	3370	3900					
Dimensions	Overall Length (with fork)	mm	4715	4795	4870	5480				
	Overall Width	mm	2000	2000	2000	2160				
	Overhead Guard Height	mm	2480	2480	2480	2560				
	Fork Size (LxWxT)	mm	1220x150x55	1220x150x60	1220x150x65	1220x175x80				
	Mast Height (Fork lowered)	mm	2500	2500	2500	2850				
	Battery (Voltage/Capacity)	V/Ah	2 x 12/90	2 x 12/90	2 x 12/90	2 x 12/90				
	Truck Weight	kg	7900	8550	9200	12500				
	Fuel Tank Capacity	L	135	135	135	143				
Engine	Brand		ISUZU	CHAOCHAI	ISUZU	CHAOCHAI	ISUZU	CHAOCHAI	ISUZU	CHAOCHAI
	Model		6BG1	6102	6BG1	6102	6BG1	6102	6BG1	6102
	Rated Power	kw/rpm	82.3/2000	80.8/250	82.3/2000	80.8/250	82.3/2000	80.8/250	82.3/2000	80.8/250
	Rated torque	n-m/rpm	418/1500	354/1650	418/1500	354/1650	418/1500	354/1650	418/1500	354/1650
	Number Of Cylinder		6	6	6	6	6	6	6	6
	Displacement		6.49	5.78	6.49	5.78	6.49	5.78	6.49	5.78