



SOCMA POWER LIFT YOUR BUSINESS

HNY50



SOCMA 5Ton Rough Terrain Forklift

1.1	Model		HNY50
1.2	Power Type		Diesel
1.3	Rated Capacity	kg	5000
1.4	Load Center Distance	mm	550
1.5	Drive Type		All-time 2WD/4WD

Dimension Parameter

2.1	Lift Height	mm	3000
2.2	Fork Size(L*W*H)	mm	1220×150×55
2.3	Mast inclination angle (F/R)	Deg	6\12
2.4	Overall Length (without fork)		3450
2.5	Overall Width	mm	1860
2.6	Mast Height	mm	2557
2.7	Head Guard Height	mm	2450
2.8	Ground Clearance	mm	320
2.9	Minimum Turning Radius	mm	3890
2.10	Wheelbase	mm	1950
2.11	Front wheel tread	mm	1480
2.12	Rear wheel tread	mm	1380
2.13	Self Weight	kg	7000
2.14	Overall Height(3 Stage 4m Mast)	mm	2557

Performance Parameter			
3.1	Maximum Travel Speed	Km\h	32
3.2	Lifting Speed	mm\s	430
3.3	Lowering Speed	mm\s	460
3.4	Maxlimum Gradeability	%	≥35
Tire			
4.1	Front Tyre		16/70-20
4.2	Rear Tyre		10-16.5
Engine and Gearbox			
5.1	Battery	V\Ah	24\60
5.2	Engine Manufacturer		YunNei
5.3	Engine Model		YN4EZ085-32CR
5.4	Rated Power/RPM	kw	65/2400
5.5	Fuel Tank Capacity	L	110
5.6	Gearbox Model		280
5.7	Transmission Type		Hydrodynamic
Features			
<p>● In view of the rugged road and more obstacles conditions,the general forklift can not work because of its low groundclearance. While this vehicle min ground clearance ≥ 320mm,overall tail departure angle 35°, greatly improves the throughability, far beyond that of an ordinary forklift.</p>			
<p>● Due to superior power and scientific axial load distribution, theclimbing ability reaches ≥ 35 %, can easily go across obstaclesof vertical height 200mm with heavy load.</p>			
<p>● Enhanced cross-country steering axle, swing angle up to10 °, suitable for harsh working conditions, rough road andconstruction sites.</p>			
<p>● For muddy fields, equipped with wheel reduction drive axlewith wheel torque redistribution, this machine can easily climbout of mire, to achieve normal driving.</p>			
<p>● Deep tread, herringbone pattern, large width off-road tires,with superior grip, slip resistance and stability.</p>			
<p>● The clamp brake axle and the air brake, enables the user tobe able to handle the forklift in bad condition.</p>			
<p>● Super widening mast with excellent vision, effectively improvethe work efficiency and work safety.</p>			
<p>● Vehicle frame using integrated welding structure design, withsuperior bending, torsion resistance ability, can meet the harsh</p>			

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