HELI

11000 lb.

G3 series Internal Combustion Counterbalanced Rough Terrain Forklift Truck



www.heliforkliftamerican.com

G3 SERIES 11000 lb.

Manufacturer and Technical Data

	Characteristics			
1.01	Manufacturer			HELI
1.02	Model			CPCD50-CU1Y4G3
1.03	Rated capacity		lb.	11000
1.04	Load center distance		in	24
1.05	Power mode			Diesel
1.06	Driving mode			Seat-type
	Weight			
2.01	Total weight		lb.	19800
	Wheels and tyres			
3.01	Tyre type			Tubeless
3.02	Wheels,number front/rear (x=driven wheels)			2x/2
3.03	Tyre size,front			445/65-22.5TL
3.04	Tyre size,rear			12.5/80-18TL
	Dimensions			
4.01	Lifting height (standard)	H	in	118.1
4.02	Height (mast lowered)	H1	in	105.7
4.03	Max. Lifting height, mast extended (with backrest)	H2	in	171.9
4.04	Free lifting height	H3	in	6.3
4.05	Overall height (overhead guard)	H4	in	100.4
4.06	Min.Ground clearance (between mast)	H5	in	15.2
4.07	Height of backrest(from the fork surface)	H13	in	53.9
4.08	Overall length (with/without fork)	L/L'	in	195.3/147.2
4.09	Wheelbase(F/R)	L1	in	90.6
4.10	Front overhang	L2	in	28.9
4.11	Rear overhang	L3	in	28.3
4.12	Overall width	W1	in	83.9
4.13	Tread(front/rear)	W3	in	66.9/70.9
4.14	Fork adjustment range (max./min. outside distance of fork)	W5	in	78.7/11.8
4.15	Min. Turning radius	r	in	179.5
4.16	Mast tilt angle (F/R)	α/β		15°/15°
4.17	Fork size:thickness x width x length	TxWxL4	in	2.2x5.9x48
4.18	Min.Right angle stacking aisle width for pallet	Ra	in	216.5
	Performance Data			
5.01	Travelling speed ,laden/unladen		mph	18.7/20
5.02	Lifting speed ,laden/unladen		fpm	94.5/102.3
5.03	Lowering speed ,laden/unladen		fpm	72.8/68.9
5.04	Max. drawbar pull,laden		kN	123
5.05	Max. gradeability,laden		%	65
	Transmission			
6.01	Transmission geers (front/rear)			3-1 Power shifting M/T
	Combustion-engine			
7.01	Engine manufacturer/Model			CUMMINS F3.8
7.02	Rated power/Speed		hp/rpm	120.7/2200
7.03	Max. torque/Speed		lbft/rpm	368/1500
7.04	Cylinder number-bore x stroke Engine displacement			4-102x115/3.8
7.05	Emission			Euro V

Wide View Full Free 3-stage Mast

Mast type	Mast model	Max.lifting height(in)	Load capacity (load center 24 in)(lb.)	Mast height (in)			Free lifting height (with backrest)(in)	Service weight (lb.)	Mast tilting angle F/R(α/β) (deg.)
				Fork lowered	Fork extened (with backrest)	Fork extened (without backrest)			
Wide View Full Free 3-Stage Mast	ZSM360	142	9900	101	196	196	45	20984	15°/10°
	ZSM400	158	9900	106	211	212	50	21113	15°/10°
	ZSM435	171	9900	111	225	226	54	21234	15°/10°
	ZSM450	177	9900	113	231	231	56	21318	15°/10°
	ZSM480	189	9900	117	243	243	61	21399	15°/10°
	ZSM500	197	9900	119	251	251	63	21461	15°/10°
	ZSM540	213	9240	125	266	267	68	21604	15°/10°
	ZSM550	217	9020	126	270	271	70	21802	15°/10°
	ZSM600	236	8800	132	290	290	76	22007	15°/10°

HELI AMERICA INC

ADD: 4025 Welcome All Road, Suite 150 Atlanta, GA30349, U.S.A.
E-MAIL:heli@heliforkliftamerica.com

* Our products are subject to improvements and changes without notice.

Design&Print:Fokeli Printing 20240102