

# CPCJ 25

KU1Y4G3

# HELI



# 2.5 t

## G3 Series Compact Rough Terrain Forklift



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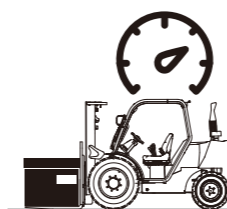


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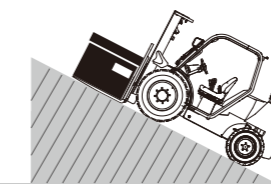
## G3 Series Compact Rough Terrain Forklift

## Strong Power · High Efficiency

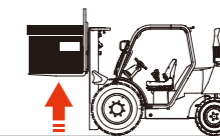
- **Strong power:** Adopt Kubota diesel engine, which meet Europe III B emission standard
- **Hydrostatic transmission, Stronger climbing ability;**
- **4WD, 2WD driving model:** The truck will get high travelling speed with front wheels drive and lower speed with all-wheel drive, the two models can be switched just by one click;
- **Higher work efficiency:** The hydrostatic forklift travels at a higher speed, uses a load-sensing hydraulic steering system, and has a higher lifting speed.



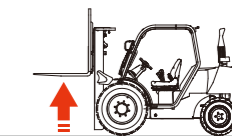
Driving speed  
4WD: 10km/h  
2WD: 16km/h



Max. gradeability  
50%



Max. lifting speed  
0.53m/s



Lifting speed without load  
0.58m/s

## Easy Maintenance

- The overhead guard can be tilted for easy maintenance.



# Safe · Reliable



Wide view for driver

Counter weight with protective net

Rear drive is available,  
Easy switch between 2WD and 4WD

The vehicle has compact truck body and small turning radius, More suitable for narrow working condition.



Large get on/off handle



The instrument displays comprehensive information to facilitate the driver to get the vehicle status



Standard comfortable seat with safe belt and armrest, also can choose damping seat.

Large pedal space ensure comfortable driving experience.

### Manufacturer and Parameters

Characteristic		
1.01	Manufacturer	<b>HELI</b>
1.02	Model	CPCJ25
1.03	Configuration	KU1Y4G3
1.04	Rated load capacity	kg 2500
1.05	Load center distance	mm 500
1.06	Power model	Fuel
1.07	Driving model	Sit-down type
1.08	Wheelbase	mm 1800
Tyres		
2.01	Tyres type	Vacuum tyre/Pneumatic tyre
2.02	Wheels number (Front/Rear)	2/2
2.03	Tread: Front/Rear	mm 1150/1164
2.04	Front tyre type: Inflation Pressure (kPa)	280/80R20;500
2.05	Front tyre type: Inflation Pressure (kPa)	27x10-12NHS;830
Dimension		
3.01	Mast tilting angle: Front/Rear	° 10/12(Standard Mast)
3.02	Mast retract overall height	mm 1945
3.03	Lifting height	mm 3600
3.04	Max. height, extended	mm 4865
3.05	Overall height on overhead guard	mm 1990
3.06	Fork size thickness*width*Length	mm 45×100×1070
3.07	Overall length (with fork)	mm 4030
3.08	Overall length (without fork)	mm 2960
3.09	Overall width (Front)	mm 1440
3.10	Min. Turning radius	mm 3265
3.11	Min. Ground clear at the mast	mm 260
3.12	Min. Ground clear at the center of wheelbase	mm 280
Performance		
4.01	Driving speed, 4WD/2WD	km/h 10/16
4.02	Lifting speed, Load/Unload (Standard mast)	mm/s 530/580
4.03	Lowing speed, Load/Unload	mm/s ≤600/≥300
4.04	Max. Gradeability, Load/Unload	% 50/48
4.05	Max. Drawbar Pull (Load)	kN 32
Weight		
5.01	Weight (with oil and water)	kg 4720
5.02	Weight distribution on axle: Front axle: Load/Unload	kg 6120/2160
5.03	Weight distribution on axle: Rear axle: Load/Unload	kg 1100/2560
Engine		
6.01	Engine brand	Kubota
6.02	Model	V2403-M-E3B
6.03	Battery (Voltage/Capacity)	V/Ah 12/80
6.04	Rated power/speed	Kw/rpm 34.1/2400
6.05	Rated torque/speed	Nm/rpm 155.9/1600
6.06	Engine displacement	L 2.434
6.07	Emission	Europe IIIB

### Wide view three stage full free mast

Mast type	Max. lifting height (mm)	Load capacity (Load center 500mm)(kg) CPCJ25	Mast overall height(mm)		Full free height (With backrest) (mm)	Service weight (kg) CPCJ25	Mast tilt angle (Front/Rear) (α/β) (deg.)
			Mast lowered	Mast height, extended With backrest    Without backrest			
ZSM360	3600	2400	1945	4635    4479	940	4720	10°/6°
ZSM400	4000	2400	2095	5035    4879	1090	4760	10°/6°
ZSM435	4350	2300	2195	5385    5229	1190	4770	10°/6°
ZSM450	4500	2150	2245	5535    5379	1240	4790	10°/6°
ZSM470	4700	1900	2310	5735    5579	1300	4800	10°/6°
ZSM480	4800	1900	2355	5835    5679	1340	4820	10°/6°
ZSM500	5000	1800	2445	6035    5879	1440	4860	10°/6°
ZSM540	5400	1500	2545	6435    6279	1540	4960	5°/6°
ZSM600	6000	1150	2745	7035    6879	1740	5010	5°/6°

