

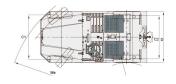


2-3 t 6 series internal combustion tow tractor

	lechnical Parameters														
	Model	单位	QYC20-J1G	QYC25-J1G	аусга-л Га аусга-л Га аусага-л Га аусга-л Га аусга-л Га аусга-д аусага-д аусага-л Га аусга-л Га аусга-л Га аусга-д аусага-д аусага-д ауста-д	aycd25-J1G	QYC20-12G	OYCD20-U2G	NCD25-12G C	2YCZ04V1G	2YCD204V1G	QYCD25WIG	aycaza-cuG	ayabsaus	QYCD30CUG
-	Max.drawbar.pull	Σ	20	25	20	25	20	20	25	20	20	25	20	25	30
2	Max. Travel speed(without load)	km/h	30	30	30	30	27	56	20	25	24	24	25	25	19.8
m	Gradeability (without load)	%						30							
4	Min. turning radious (outside)	mm						3250							
2		E						2500							
9	The braking distance of driving (withload-load II gear)	Ε						8							
7	Total Weight	kg	3150	3650	3200	3700	3110	3150	3650	3110	3160	3660	3500	4100	4100
00	Engine/Model			(CN FC G3	JX493ZG3 (CN FC G3 0079 01 0001)	-	(CN FC	(CN FC G3 0079 02 0001)	0001)	ISUZU (ISUZU GK-4JG2NKFC01 (CN FC G3 0097 11 0001)	FC01 0001)	Cun	Cummins QSF2.8	8
0	Engine/Borexstroke	E		4-93	4-93×102			4-93×102		4	4-95.4×107			4-94×100	
10	Engine/Rated output	kW/rpm		64/3000	000			36.5/2500		.,	36/2450			43/2500	
=	Engine/Max.torque	Nm/rpm		243/1800	1800			156/1800		-	170/1700		181	186/1100-1500	0
12	Fuel tank capacity	-						65						65	
13	Overall length	E		31	3110			3050			3050			3050	
14	Overall width	ш						1390							
15	Overall height	mm				1370 (with	nout cab, at s	1370 (without cab, at steering wheel) /2070 (with cab	I) /2070 (v	/ith cab)					
16	Wheel base	mm						1780							
17	Tread/Front	mm						1200							
18	Tread/Rear	E						1180							
19		mm						150							
20	Coupling center height from the ground	E						450							
21	Battery (voltage/capacity)	V/Ah					6-0	6-QW-80 12V 80Ah	ΙΑh						
22	Transmission/Type		Synchronous	s mechanical	Synchronous mechanical Stepless change speed Synchronous Stepless change speed Synchronous Stepless change speed	peeds ebu	Synchronous mechanical	Stepless cha	S paeds agu	ynchronous mechanical	Stepless cha	peeds ebus	Steples	Stepless change speed	peed
23	Transmission/Gear rated		Forwar	Forward III gear &reverse I gear	Forward II gear &reverse I gear	II gear	Forward III gear &reverse I gear	Forward II gear &reverse I gear	l gear 6	Forward III gear &reverse I gear	Forward II gear &reverse I gear	II gear e I gear	Forward II	Forward II gear&reverse I gear	se I gear
24	Service brake					f	rdraulic power	Hydraulic power brake act on the rear tyre	n the rear tyn						
25	Parking brake						Mechanical	Mechanical brake act on rear tyre	n rear tyre						
56	Front tyre type						9	6.50-10-10PR							
27	Rear tyre type						7.	7.00-15-12PR							

Standard				
Two wheels dynamic braking	Front/rear ax	e spring suspension Full hyd		fraulic transverse cylinder steering
Pneumatic tyre	Electro-hydra	ulic direction changing(hydraulic truck)	HELI dr	ive axle
LED light	Double seat	Dry pow		vder extinguish
Spare parts box with truck	Front axle da	mping	LCD dig	gital instrument
FAW gearbox (mechanical truck) / HELI gearbox (hydraulic truck)	Intelligent ge	ar shifting (hydraulic truck)		
White painting	Rearview			
Optional				
Four wheels dynamic braking/ Vacuur double circuit four wheels braking	n assisted	Dual-layer traction seat/multi-layer traction seat		Flexible shaft control type gearbox (mechanical truck)
Backward loud speaker		Cab working lamp		Air conditioner
Customized painting		Fully enclosed cab(with fan, inner accessories, 2kg fire extinguisher)		Luggage fence
Okamura gearbox		Front traction seat		Exhaust spark extinguisher
Warning light		Defroster		Warm air blower
Power switch		Solid tyre		Anti-collision block
Speedometer		Grammer seat		











Neutral indicator Preheating indicator

Left indicator

Fuel level gauge

Seat switch Timer

Low fuel level alarm indicator Hand brake indicator Engine fault indicator (for electric control engine)

ANHUI HELI CO., LTD.

Engine oil pressure alarm indicator Oli-water separator alarm indicator

Right steering indicator

Water temperature gauge

No charging alarm indicator

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>> Truck Introduction

HELI G series 2-3t internal combustion tractor is the latest

generation based on H2000 series. It adopts the technologies meeting tractor characteristics such as intelligent gear shifting, dual circuit brake, powered cut off of brake electric control, integrated gear pump and so on. Excellent power configuration and scientific ergonomics design offer truck high reliability and comfort.

Application: G series 2-3t internal combustion tow tractor belongs to regional logistics technology field. It is designed for towing and pushing work in airport, railway, post, warehouse, factory and so on.



Powered Transmission System

Optimized transmission system matches with engine power output perfectly. There are two types of transmission model: mechanical transmission and hydraulic powered transmission. High quality engine is assembled on the truck and the truck meets national latest environment requirement.

- Mechanical transmission box
 Demostic famous brand mechanical transmission box
- Domestic famous brand mechanical transmission box with reasonable transmission ratio, synchronizer among I, II and III gear and good operating performance is adopted.
- Hydraulic powered transmission box

HELI homemade intelligent automatic gear shifting hydraulic powered transmission box is adopted. The transmission box has reasonable transmission ratio, smooth gear shifting, good comfort, good cooling and sealing performance. Parts with abroad advanced technology are adopted and the transmission box is among the domestic leading level.

Brake system

· effective brake during total travel

Powered brake is achieved through introducing pressured oil from gear pump with engine as power source. Assisted power source is added and pressure maintaining, leakage supplement, shock buffering, pressure pulsation absorbing are achieved through circulation oil and accumulator in pipeline. Thus brake reliability during normal travelling state, effective brake during total travel for several times after the engine is flame out and truck travelling safety when loaded are ensured. Vacuum servo dual circuit four wheel brake can be obtional for certain truck model to improve truck reliability and safety.

Steering system

- HELI homemade domestic leading full hydraulic transverse cylinder powered steering has easy and accurate steering and operating feeling. It solves the problems such as steering rigidity insufficient, tyre early worn out and front axle early discarding in domestic similar products.
- Damping devices on front and rear suspension offer truck good stationarity.

Body system

- The appearance is vigorous and powerful. The frame is of welded structure with high strength and the casted counterweight improves truck stability and shock resistance.
- . Small truck body length and wheel base improve truck flexibility.
- Large fuel tank ensures single shift oil consumption requirement
- Min. underground clearance is 150mm meeting civil aviation MH/T6048 Stand and the truck has good trafficability.
- . Driver can observe the traction seat directly from seat.
- · Adjustable seat with safe armrest and belt is assembled on the truck.
- The fully framed cab has enough strength. What is more, the cab is wide and has good view from where omnibearing observing can be achieved. (Optional)

Double point operating traction pin mechanism with self lock and guide function

Trailer hook on and off operation can be realized in or out of cab. The operation is easy and efficient. Self lock function
effectively avoids trailer hook off caused by mis-operation and jolt during travelling and is safe.











