





## 2-3 t G SERIES INTERNAL COMBUSTION TOW TRACTOR



### » 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.



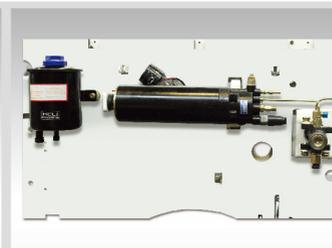
### Powered Transmission System

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  
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 optional for certain truck model to improve truck reliability and safety.



装车选配——空调

### 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.