

Diesel Fork Lift

Introduction

The new generation NIULI Fork lift trucks are designed with durable hydraulics clean and reliable engine, progressive brakes, smooth and cool transmission with unmatched advanced features and ergonomics which save time and effort. Environment friendly design, easy servicing and maintenance ,high efficiency on the job as per the latest international safety standards. These fork lift trucks are designed for the most demanding applications.

Advance Hydraulics

The hydraulic cylinder are fitted with the finest quality of oil seals and incorporate a cushioning mechanism for reducing noise and shocks.

Operation

Advanced design, highly efficient control system and latest vibration reduction technologies provide extra comfort and ease in operation . Full floating type hood design and vibration reduction devices for steering axle enable a more comfortable operation. Advanced Electronic-Hydraulic Forward -Reverse control design in torque converter models ensures less time and less effort in performing various operations.

Transmission and Engine

The forklift uses advanced technology floating transmission designed to reduce the transmission vibration to the chassis of the forklift thereby reducing operator fatigue and improving riding comfort.

Efficiency

The wheelbase design, gives much better longitudinal stability to the whole truck. At the same time, it results in longer life of the rear wheel due to reduced rear axle load. These Fork lift trucks are designed with a small turning radius and width so that the warehouse space can be utilized in the efficient manner.

Aluminium Radiator

Newly designed combined type aluminum radiator enhances the cooling performance remarkably. The coolant temperature is reduced by 15% compared with other trucks.

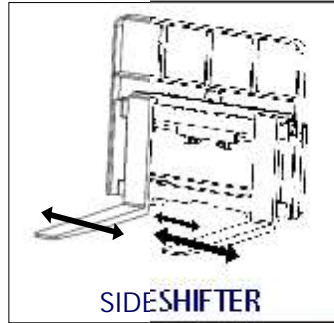
Safe

Special safety arrangements such as throttling devices in the pipe lines and special builtin hood lock device ensures extra safety to the equipment. These Fork Lift Trucks are simple and safe to use.



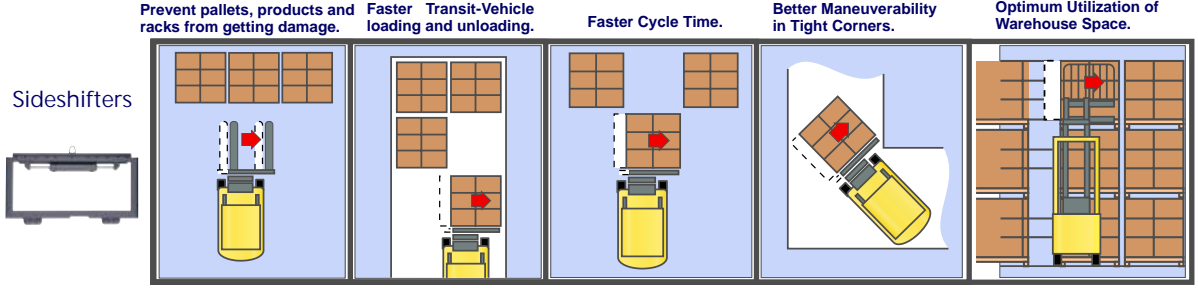
Standard Features

Wide view mast, Load backrest, ISG Class II carriage and Fork, Long life tires, Power Steering, Retaining rollers, Overhead guard, Suspension seat, Drawbar pin, Cyclopack air cleaner, Toggle type parking brake lever, Lift and tilt levers, 3- spool hydraulic valve, Dipstick for converter oil, Return hydraulic filter, Load check valve, Lift circuit cut off valve, Lift lock valve, Rear combination lights, Rear view mirrors, Back up lamp, Warning lamp, Electric horn, Deluxe floor mat, Cylinder type bonnet stay, Overhead air intake, Radiator reservoir, Tilt adjustable steering post, Asbestos free brake, Turn signal lights, Lamp guard, Full hydrostatic power steering, Hour meter, Water temperature meter, Fuel meter, Engine oil pressure warning indicator, Charge indicator, Glow indicator, Ignition key engine stop, Operator tool kit, Back up buzzer



LR4108G10Y Diesel Engine
Displacement
4580 cc
Rated output:
65 Kw/2400rpm
Rated torque:
300 N.m/1400~1600rpm

XINCHAI A490BPG



Use of Sideshifters permits the operator to shift the forks sideways instead of moving the complete fork lift, this ensures faster operation, better maneuverability in tight corners and optimum utilization of warehouse space permitting better storage density, resulting in well aligned stacking for efficient storage/retrieval and increase productivity.

Features :

Power transmission system, Overhead guard and truck frame all use due suspension structure, Which can weaken the vibration transferred from power system wheel, control lever and seat, thus making the operator feel more comfortable during operation.

This forklift truck is designed with high definition liquid crystal display device which not only provides convenience for operator to undersand the working condition of truck, but also broadens the visual field of operator.

This diesel forklift truck can be designed with two stage free lifting mast or three stage mast, luxurious and closed driving room, solid tire, sidershifter, roll clamps, clamp holder, and nonstandard forks etc, to meet your different needs.

SOLID OVERHEAD GUARD

Specially designed solid overhead guard provides additional security for the operator



WIDE-VIEW MAST

Wide-view mast gives the operator an enhanced forward visibility, which adds to the efficiency and safety of operator.



POWERFUL ENGINE

The powerful engine ensures the trucks' high handling performance and offers an intrinsical safety and efficient operation.



RELIABLE INSTRUMENTS

The instruments offer an easy access to the working condition of the truck, thus makes handling process more efficient and safe.



ADJUSTABLE SEAT

This popular feature allows operator to adjust seat to his preferred position of the operation, which makes operation comfortable and free.



LOW & NON-SLIP STEP

Super low and non-slip step make operating convenient and safe.



1	MODEL			CPCD30
2	Power Type			DIESEL
3	Rated Capacity		Kg	3000
4	Load Centre		mm	500
5	Lift Height		mm	3000
6	Fork Size	LxWxT	mm	1070X125X45
7	Mast Tilt Angle	F/R	Deg	6 / 12
8	Front Overhang (wheel Center to Fork Face)		mm	475
9	Ground Clearance (Bottom of Mast)		mm	120
10	Overall Dimension	Length to Face of Forks (Without Fork)	mm	2670
11		Overall Width	mm	1225
12		Mast Lowered Height	mm	2060
13		Mast Extended Height (With Backrest)	mm	4150
14	Overhead Guard Height		mm	2090
15	Turning Radius (Outside)		mm	2400
16	Min. Intersecting Aisle		mm	2110
17	Speed	Travel (Full Load)	Km/h	19
18		Lifting (Full Load)	mm/s	440
19	Max. Gradeability		%	20
20	Tyres	Front		28X9-15-12PR
21		Rear		6-50-10-10PR
22	Wheelbase		mm	1700
23	Self Weight		Kg	4390
24	Battery	Voltage / Capacity	V/Ah	12/90
25	Engine	Model		490 Bpg
26		Make		XINCHAI
27		Rated Output / R.P.M.	Kw/R.P.M.	37/2650
28		Rated Torque / R.P.M.	Nm/R.P.M.	148/1800-1900
29		No. of Cylinder		4
30		Bore x Stroke	mm	90x100
31	Displacement	cc	2540	
32	Fuel Tank Capacity		L	70
33	Transmission	Type		Auto / Mechanical
34	1 FWD / 1 RVS			
35	Operating Pressure for Attachment		Mpa	17.5

