



30-35T

IDF320

IALUTA
DIESEL
FORKLIFT

X series



EFFICIENT HYDRAULICS

Dual-pump system boosts lifting speed and work efficiency.

POWERFUL ENGINE

Low-speed, high-torque diesel engine meets US and EU emission standards.

SMART GEARBOX

Automatically adjusts shifting for easier, safer operation.

RELIABLE BRAKES

Oil-cooled wet brakes ensure long-lasting performance.

PRECISE STEERING

Horizontal steering axle offers accurate control in tough conditions.

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Anatomy Of Internal Combustion Forklift



High-mounted exhaust system

The high-mounted exhaust system ensures safety by directing harmful fumes away from operators and reducing the risk of ground-level damage, while the efficient oil filter extends engine life by removing impurities and minimizing wear



Comfortable Seat

The Toyota forklift seat offers ergonomic support with adjustable lumbar and suspension systems for comfort, plus safety features like a retractable belt and side bolsters



Control levers

The control levers are ergonomically designed for easy access and precise operation, enhancing efficiency and reducing operator fatigue.



WEICHAI WP10G240

Weichai engine features of ample power, excellent fuel efficiency, low vibration and emission, high reliability, Compact in design, light in weight.



Driver's Cabin

The driver's cabin offers comfort and efficiency with ergonomic controls, a clear dashboard, and a spacious design. The cushioned, adjustable seat ensures comfort, while air conditioning and ventilation enhance working conditions.



Electrical System H-layout

The harness layout is neat and beautiful, and the maintenance is convenient; The vehicle body at both sides of the electrical parts is fixed and balanced firmly, The harness is shorter, without unnecessary bending, and the conductivity is higher.

BASIC TECHNICAL PARAMETERS				
Model		IDF300	IDF320	IDF350
Power type		diesel	diesel	diesel
Lift capacity	(kg)	30 000	32 000	35 000
Load center distance	(mm)	1250	1250	1250
Min.ground clearance	(mm)	400	400	400
Wheel base	(mm)	4800	4800	4800
PERFORMANCE PARAMETERS				
Max.lift height	(mm)	4000	4000	4000
Mast tilt angle(front/rear)	(°)	6/12	6/12	6/12
Max.lift speed(full load/no load)	(mm/s)	260/280	260/280	260/280
Max.travelling speed(full load/no load)	(km/h)	25/28	25/28	25/28
Min.turning radius	(mm)	6900	6900	6900
Gradeability (full load/no load)	(%)	20/20	20/20	20/20
Max.traction force	(KN)	200	200	200
Overweight	(kg)	38 000	40 000	42 000
DIMENSIONS				
Length(without fork)	(mm)	7360	7360	7360
Width	(mm)	3360	3360	3360
Height of mast	(mm)	4150	4150	4150
Overall height (overhead guard)	(mm)	3460	3460	3460
Overall height at max.lift	(mm)	9760	9760	9760
Front wheel tread	(mm)	2430	2430	2430
Rear wheel tread	(mm)	2230	2230	2230
OTHER PARAMETERS				
Front tires		14.00-24-32PR	14.00-24-32PR	16.00-2
Rear tires		14.00-24-32PR	14.00-24-32PR	16.00-25
Tires Qty (Front/rear)		4/2	4/2	4/2
Fork size(L*W*H)	(mm)	3400×320×120	2200×220×100	2400×300×100
Driving Brake		Hydraulic clamp disc	Hydraulic clamp disc	Hydraulic clamp disc
Transimission gears (Front/rear)		2/1	2/1	2/1
ENGINES				
Engine model		WEICHAI WP10G240	WEICHAI WP10G240	WEICHAI WP10G240
Rated power	(kW/r)	178/2200	178/2200	178/2200
Rated torque	(N.m/r)	1100/1400-1600	1100/1400-1600	1100/1400-1600
Number of cylinders		6	6	6
Displacement	(cc)	9726	9726	9726