

2-3.5T Diesel Forklift Truck

E-SERIES



Standard Configuration and Options

Standard Configuration

- | | | | |
|---------------------|-------------------------------------|-----------------------|--------------------------------------|
| ▶ Fork | ▶ Two-piece multi-way valve | ▶ Charging indication | ▶ Cable-type parking brake |
| ▶ Water thermometer | ▶ Transmission oil filter cartridge | ▶ Tool box | ▶ Hydraulic oil dipstick |
| ▶ Traction pin | ▶ Reversing buzzer | ▶ Oil pressure alarm | ▶ Preheating indication |
| ▶ Load backrest | ▶ Transmission oil dipstick | ▶ Turn signal lamp | ▶ Full hydraulic power steering |
| ▶ Overhead guard | ▶ Neutral safety switch | ▶ Wide-view mast | ▶ Lifting oil circuit governor valve |
| ▶ Electric horn | ▶ Overhead guard rain cover | ▶ Standard seat | ▶ Lifting and tilt lever |
| ▶ Stopwatch | ▶ Air intake device | ▶ Headlamp | ▶ Tornado air cleaner |
| ▶ Fuel gauge | ▶ Durable patterned tyre | ▶ Rear combined lamp | ▶ Tilt adjustable steering column |
| | | ▶ Shaped pedal pad | |

Optional Configuration (additionally charged)

- | | | | |
|--------------------------------------|--------------------------|----------------------------------|---------------------------|
| ▶ Double front wheels | ▶ Full free 2-stage mast | ▶ Side shifter | ▶ Xinchang A498BPG engine |
| ▶ Solid tyre | ▶ Full free 3-stage mast | ▶ Bucket | ▶ Isuzu C240 engine |
| ▶ Cab | ▶ Widened fork carrier | ▶ Paper roll clamp | |
| ▶ Heater | ▶ Special fork | ▶ Brick clamp | |
| ▶ High-mounted exhaust device | ▶ Fork sleeve | ▶ Sanitation tilting fork | |
| ▶ Auxiliary hydraulic valve assembly | | ▶ Bale clamp | |
| ▶ Secondary air filter | | ▶ Chemical hopper tilting device | |
| ▶ Windshield | | ▶ Boom | |
| | | ▶ Multi-purpose rigid arm clamp | |
| | | ▶ Cartoon clamp | |
| | | ▶ Drum clamp | |
| | | ▶ Rotator | |
| | | ▶ Push-puller | |
| | | ▶ Hose reel | |
| | | ▶ Fork positioner | |

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2-3.5T DIESEL FORKLIFT TRUCK

XGMA



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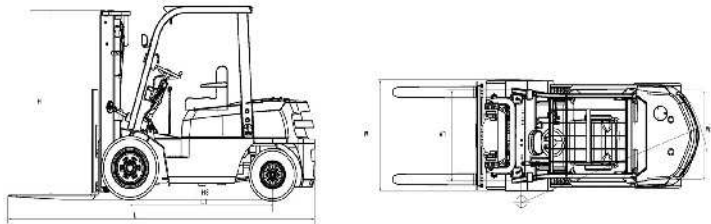
Courtesy of Crane.Market

2–3.5T Diesel Forklift Truck



Efficiency Pioneer Flexible Driving

The E-series 2-3.5T diesel forklift, since its birth, has been defined to be not only a tool to complete your work but also a new manner to enjoy your work and its human-oriented design will provide more convenience, joy and comfortable experience for you.



High Performance



Strong Powertrain System

The powerful engine, in combination with a stable high-efficiency transmission system, takes full advantage of its power and torque output to enhance the work efficiency.



Mature and Reliable Hydraulic Elements

All supporting components, such as the hydraulic system, employ the reliable, technically-mature, market-proven and high-quality hydraulic elements specially designed for various working conditions.



Industry-leading Radiation Technology

The large-capacity ribbon-tubular radiator with the optimized radiation channels enhances the forklift radiation capacity and ensures the reliable engine running.



Carrier of Safety Design Concept

All important parts have passed the strict reliability test, and the wide-view mast, high-strength overhead guard and optimized frame fully embody the safety design concept followed by XGMA.

Appearance and Comfort

Integrating the brisk exterior and the sedate interior, the E-series forklift conspicuously shows its elegant sports style, which is characteristic and refreshing.



V-shape counterweight, the smooth counterweight waist line, sharp air outlet and elaborate embossed XGMA logo highlight the manliness of E-series forklift to provide a more remarkable overall visual effect.



The unique charm of XGMA forklift is materialized from various details, such as the smart streamline engine hood, compact flexible body and reliable firm overhead guard.



The roomy comfortable cab achieves the perfect ergonomics, and the advanced shock absorption technology is introduced to various forklift parts to greatly improve the overall shock absorption effect and ensure more comfortable drive.



The small-diameter steering wheel, convenient hydraulic control lever, clear display and luxurious seat bring an unparalleled drive experience to the operator.

Reliability and Maintainability

Its reliability is based on the first-class manufacturing technology of XGMA.



Under the scientific and reasonable design for the combination of hoses and pipes, the overall oil circuit and pipeline are orderly and clearly arranged to greatly enhance the maintainability.



The deliberate wide-view mast design focuses on the robustness and high interior quality to ensure safer operation and a wider front view.



The heat-insulating sound-absorbing materials and rubber sealers are installed in the sedan-style engine hood to remarkably reduce vibration and noise; the engine hood provides a wide opening angle to allow more convenient maintenance.



For the high-mounted intake system design, the air inlet is set above the overhead guard support and kept away from the dust produced by the running wheels, ensuring clean air into the engine and prolonging the engine lifetime.



Specification and Overall Dimensions

Feature	Manufacturer		XGMA							
	Model		CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35
	Name		XG520-D5	XG520-DT5	XG525-D5	XG525-DT5	XG530-D5	XG530-DT5	XG535-D5	XG535-DT5
	Power type		Diesel Engine							
Dimension	Rated load	kg	2000	2000	2500	2500	3000	3000	3500	3500
	Distance between load centers	mm	500	500	500	500	500	500	500	500
	Lifting height	mm	3000	3000	3000	3000	3000	3000	3000	3000
	Free lifting height	mm	140	140	140	140	145	145	150	150
	Tilt angle of mast	α/β	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12
	Total length (L)	mm	3650	3650	3650	3650	3820	3820	3860	3860
	Total width (W)	mm	1155	1155	1155	1155	1220	1220	1220	1220
	Height with mast not lifted (H)	mm	2070	2070	2070	2070	2100	2100	2160	2160
	Min. passage width for right-angle stacking (pallet 1000×1200)	mm	3875	3875	3935	3935	4075	4075	4100	4100
	Overhead guard height	mm	2120	2120	2120	2120	2150	2150	2150	2150
	Fork (L×W×H)	mm	1070x122x40	1070x122x40	1070x122x40	1070x122x40	1070x125x45	1070x125x45	1070x125x50	1070x125x50
	Front/rear suspension distance	mm	475/485	475/485	475/485	475/485	475/515	475/515	480/555	480/555
Performance	Wheel base (L1)	mm	1650	1650	1650	1650	1760	1760	1760	1760
	Min. turning radius (R)	mm	2200	2200	2260	2260	2400	2400	2420	2420
	Min ground clearance (H3)	mm	110	110	110	110	140	140	140	140
	Max. running speed (no load)	km/h	20	20	20	20	20	20	20	20
	Lifting speed (full load)	mm/s	530	530	530	530	450	450	360	360
	Max. traction force	KN	15	15	15	15	15	15	16	16
	Gradeability	%	20	20	20	20	20	20	20	20
Tyre	Deadweight	kg	3440	3440	3765	3765	4270	4270	4550	4550
	Front wheel size		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR
	Rear wheel size		6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	Wheel track	Front wheel (W1)	mm	965	965	965	965	1000	1000	1000
		Rear wheel (W2)	mm	980	980	980	980	980	980	980
Drive and Transmission Control Device	Engine type		C490BPG	C490BPG	C490BPG	C490BPG	C490BPG	C490BPG	C490BPG	C490BPG
	Rated engine power / speed		kw/r.p.m	40/2650	40/2650	40/2650	40/2650	40/2650	40/2650	40/2650
	Max. torque / speed		N.m/r.p.m	160/1800-2000	160/1800-2000	160/1800-2000	160/1800-2000	160/1800-2000	160/1800-2000	160/1800-2000
	Gear (F/R)			2/2	1/1	2/2	1/1	2/2	1/1	2/2
	Battery (Voltage/Capacity)		V/AH	12/80	12/80	12/80	12/80	12/80	12/80	12/80
	Fuel tank capacity		L	70	70	70	70	70	70	70
Hydraulic oil tank capacity		L	70	70	70	70	70	70	70	