



3.5T 4.5M

INTERNAL COMBUSTION FORKLIFT

In the world of logistics and transportation, not only strength matters, but also precision and reliability. The H35 3.5T 4.5M forklift is the perfect solution for companies focused on efficiency and workplace safety. Thanks to its robust construction, powerful engine, and modern technological solutions, this model meets the expectations of even the most demanding users.

Equipped with an efficient Xinchang engine delivering 36.8 kW at 2500 rpm, the H35 3.5T 3M ensures smooth and dynamic operation under all conditions. With a maximum torque of 190 Nm at 1600–1800 rpm, it provides the necessary power to lift and transport loads up to 3500 kg, making it ideal for use in warehouses, distribution centers, and construction sites. Its Triplex mast allows lifting loads up to a height of 4.5m, facilitating storage and transport on high-bay racking systems.

■ Specification

Model	H35 3.5T 4.5M
Lifting Capacity	3500 kg
Mast Type	triplex
Brake	Hydraulic pedal
Engine Model	Xinchang
Maximum Torque	190 Nm / 1600-1800 obr./min
Rated Power	36.8 kW / 2500 rpm
Displacement	2.85 L
Maximum Traction Force	28 kN
Weight	4500 kg (without load)
Lifting Height	4.5 m
Tire Type	Pneumatic
Maximum Torque	190 Nm / 1600–1800 rpm
Number of Cylinders	3
Fuel Tank Capacity	55 L
Battery (Voltage / Capacity)	12V / 80Ah
Working Pressure	18.5 Mpa
Piston Diameter × Stroke	93 × 105 mm

Minimum Turning Radius	2570 mm
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■ Dimensions

Overall Length (without forks)	2810 mm
Mast Height (fully lowered)	2075 mm
Wheelbase	1760 mm
Minimum Working Aisle Width	2770 mm
Overall Width	1210 mm
Fork Dimensions (Length × Width × Thickness)	1200 mm x 120 mm x 50 mm
Minimum Right-Angle Stacking Aisle Width	4250 mm

■ Operating Range

Axle Load Distribution (full load, front/rear)	7210 / 790 kg
Tires (Front)	28 × 9-15–14PR
Wheel Track (Front/Rear)	1005 / 984 mm
Maximum Travel Speed	19 km/h
Maximum Lifting Speed (full load)	430 mm/s
Mast Tilt Angle (Fwd/Rev)	8/10°
Ground Clearance at Center of Frame	130 mm
Axle Load Distribution (no load, front/rear)	1680 / 2820 kg
Tires (Rear)	6.50–10–10PR
Maximum Gradeability	20%
Maximum Lifting Speed (no load)	560 mm/s

