

TAVOL Diesel Forklift CPCD-35H Technical Specifications

summary	1	Manufacturer				TAVOL
	2	Model				CPCD35-00
	3	Powertrain type				diesel
	4	Rated load			Kg	3500
	5	Load center			mm	500
dimensions	6	Lifting height	H	mm		4000
	7	Free lift height	H7	mm		80
	8	Fork dimensions	L4×W4×H6	mm		1220×122×50
	9	Mast tilt angle	front/rear	deg		6/12
	10	Front overhang	L2	mm		480
	11	Rear overhang	L3	mm		540
	12	Overall dimensions	Overall vehicle length (excluding forks)		mm	2720
	13		Overall vehicle width	W1	mm	1230
	14		The height of the mast when not raised	H1	mm	2615
	15		Overhead guard height	H3	mm	2125
	16	Minimum turning radius		R	mm	2400
	17	Minimum right-angle aisle width (1000×1200 pallet)		Ast	mm	4155
performance	18	speed	Travel speed (fully loaded)		Km/h	18/20
	19		Lifting speed (full load)		mm/sec	450
	20		Descent speed (full load)		mm/sec	400
	21	Maximum Tractive Force (Fully Loaded)			N	21500
	22	Maximum gradeability (fully loaded/unloaded)			%	15/20
底盘	23	Tire specifications	Front wheel		mm	28×9-15-12PR
	24		rear wheel		mm	6.50-10-10PR
	25	Track width	Front wheel	W2	mm	1000

	26		rear wheel	W3	mm	970
	27	Wheelbase		L1	mm	1700
	28	Ground clearance	At the gantry	H4		130
	29		At the frame	H5		140
weight	30	weight			Kg	4650
Powertrain and Drivetrain	31	Storage battery		Voltage/Capacity	V/Ah	12/80
	32			brand		QUANCHAI
	33	engine	model	chinaIV		4D29V41/V29-V034
	34			china II		QC490GP/C02-C009
	35		Rated Power/Speed (China IV)		kw	36.8/2500
	36		Rated Power/Speed (China II)		kw	36.8/2650
	37		Engine displacement		L	2.9 (chinaIV) /2.7(china II)
	38		Rated torque/speed		N.m	160/1800
	39		Fuel consumption		L/H	4.7
	40		Number of cylinders			4
	41		Fuel tank capacity		L	70
	42	Transmission	type			Manual hydraulic gear shifting
	43		Gear / Gear position	Forward/Backward		1/1
	44	Work-related stress			Mpa	18