

Ficha Técnica



CPYD 25/30

Grúa Horquilla a Combustión (2,500/3,000 kg)

Diseñada para un uso versátil, nuestras grúas horquillas contrabalanceadas Ameise le entregan un rendimiento y productividad consistente en todas tus operaciones a la intemperie. Sus motores Nissan –probados en el mundo entero– han sido diseñados exclusivamente para su uso en grúas horquilla. Esto garantiza un alto nivel de seguridad. El lugar de trabajo del operador es funcional y está diseñado para las necesidades del operados. En combinación con la posibilidad de abordar el vehículo por ambos lados, permite la concentración y comodidad durante todo el turno.

Technical data in line with VDI 2198¹⁾

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Identification	1.2	Model		CPYD 25	CPYD 30
	1.3	Drive		LPG	LPG
	1.4	Manual, pedestrian, stand-on, seated, order picker operation		seat	seat
	1.5	Load capacity/rated load	Q t	2.5	3
	1.6	Load centre distance	c mm	500	500
	1.8	Load distance	x mm	475	480
	1.9	Wheelbase	y mm	1,600	1,700
Weights	2.1	Service weight	kg	3,800	4,400
	2.2	Axle load, w. load, front/rear	kg	5,607/693	6,500/900
	2.3	Axle load, w.o. load, front/rear	kg	1,520/2,280	1,760/2,640
Wheels/frame	3.1	Tyres		Solid (SE)	Solid (SE)
	3.2	Tyre size, front	mm	7.00-12	28x9-15
	3.3	Tyre size, rear	mm	6.00-9	6.50-10
	3.5	Wheels, number front/rear (x = driven wheels)		2x/2	2x/2
	3.6	Tread width, front	b10 mm	970	1000
	3.7	Tread width, rear	b11 mm	970	970
	Basic dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β °	6/12
4.2		Mast height (lowered)	h1 mm	2,000/2,550/2,160	2,070/2,620/2,180
4.3		Free lift	h2 mm	140/140/1,150	145/145/990
4.4		Lift	h3 mm	3,000/4,000/4,700	3,000/4,000/4,350
4.5		Extended mast height	h4 mm	4,034/5,034/5,734	4,217/5,217/5,565
4.7		Height of overhead guard	h6 mm	2,140	2,170
4.8		Seat height/stand height	h7 mm	1,085	1,105
4.12		Coupling height	h10 mm	245	250
4.19		Overall length	l1 mm	3,650	3,770
4.20		Length to face of forks	l2 mm	2,580	2,700
4.21		Overall width	b1/b2 mm	1,150	1,225
4.22		Fork dimensions	s/e/l mm	40/122/1,070	45/125/1,070
4.23		Fork carriage ISO 2328, class/type A, B		2A	3A
4.24		Fork carriage width	b3 mm	1,038	1,100
4.31		Floor clearance with load under mast	m1 mm	110	135
4.32		Floor clearance centre wheelbase	m2 mm	110	120
4.33		Aisle width for pallets 1000 x 1200 sideways	Ast mm	3,985	4,150
4.34		Aisle width for pallets 800 x 1200 lengthways	Ast mm	4,115	4,280
4.35	Turning radius	Wa mm	2,240	2,400	
4.36	Smallest pivot point distance	b13 mm	735	813	
Performance data	5.1	Travel speed, w./w.o. load	km/h	18/19	18/19
	5.2	Lift speed, w./w.o. load	m/s	0.51/0.60	0.47/0.55
	5.3	Lowering speed, w./w.o. load	m/s	0.45/0.45	0.45/0.45
	5.5	Drawbar pull w./w.o. load	N	16,400/8,300	14,500/9,800
	5.7	Gradeability laden/unladen	%	18/17	18/19
	5.9.2	Acceleration laden/unladen to 15 m	S	5.4/4.7	5.8/5.0
	5.10	Service brake		Hydraulic	Hydraulic
5.11	Parking brake		Mechanic	Mechanic	
Combustion engine	7.1	Engine manufacturer/type		Nissan K25	Nissan K25
	7.2	Engine output according to ISO 1585	kW	35	35
	7.3	Rated revolutions per minute	/min	2,400	2,400
	7.4	No. of cylinders		4	4
	7.4.1	Cubic capacity	cm ³	2,488	2,488
	7.5	Fuel consumption acc. to VDI cycle	kg/h	4.0	4.5
	Misc.	8.1	Type of drive control		hydrodynamic
8.2		Working pressure for attachments, w./w.o. overload protection	bar	140 (+10.0)/210 (+5.0)	
8.3		Oil flow for attachments	l/min	max. 50	max. 50
8.6		Steering		Hydraulic	Hydraulic

1) All data in the spec sheet are based on the standard 3000 mm ZT mast.