



FORKLIFT TRUCK DS 20



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Technical data		
Manufacturer		POBEDA-MASINAC
Model designation		DS 20
Load capacity, Q	kg	2000
Load centre, c	mm	500
Power unit		diesel
Operation		seated
Wheels:		
number, front/rear		2/2
tyres, front/rear		pneumatic/pneumatic
size, front/rear		680x180x15"/560x165x11"
Track width, front/rear	mm	997/977
Two-stage mast, lift, h3	mm	3300
Tilt of mast, forward α / backward β		5°/10°
Fork, s·e·l	mm	40x120x1000
Overall dimensions:		
length of fork face, l2	mm	2636
width, B	mm	1204
height of mast, lowered, h1	mm	2390
height of mast, extended, h4	mm	4040
Turning radius, Wa	mm	2310
Axle center to fork face, x	mm	508
Aisle width with pallet 1000x1200 across forks, Ast	mm	3818
Aisle width with pallet 800x1200 along forks, Ast	mm	4018
Stability according to JUS/ISO 1074, yes/no		yes
Speed:		
travel, with/without load	km/h	18/19
lifting, with/without load	m/s	0.5/0.55
lowering, with/without load	m/s	0.4/0.4
Tractive force, with/without load	N	15000/9000
Climbing ability, with/without load	%	22/23
Service weight	kg	4000
Axle load with load, front/rear	N	53000/7000
Wheelbase, y	mm	1695
Ground clearance, mast/center of wheelbase	mm	120/140
Brakes:		
service/parking, foot/hand operated		foot/hand
hydraulic/mechanical		hydraulic/mechanical
Battery:		
type		lead
Volts/Ampere hrs	V/Ah	12/98
Internal combustion engine:		
manufacturer/type		IMR DM33/I
performance according to ISO 1585	kW	35
rated speed	min ⁻¹	2250
displacement	cm ³	2500
number of strokes/number of cylinders		4/3
Transmission:		
type		hydrodynamic
speeds, forward/reverse		1/1
Clutch:		
type		torque converter
Operating pressure for attachments	bar	160

