



VMAXUSA is a heavy equipment import company representing the best new technology in emissions free equipment. We are a USA owned and operated company, National Headquarters located in Butte, Montana. VMAXUSA provides customers with new options in heavy electric machinery. forklifts, scissor lifts, track scissor lifts, wheeled front loaders, excavators, mini front loaders, skid steers and more. Check out our new line of 2024 products for your lifting needs.



ManuFacter's Data and Design Characteristics

Characteristics			
1.01	Manufacturer		
1.02	Model		CPD20 (Triplex mast)
1.03	Power type		Battery
1.04	Operation type		Stand-on
1.05	Rated capacity	Q(kg)	2000
1.06	Load center	C(mm)	500
1.07	Front overhang	x(mm)	130
1.08	Wheelbase	y(mm)	≤1680
Wheel			
2.01	Wheel type		PU
2.02	Load wheel	mm	φ210×85
2.03	Drive wheel	mm	φ230×75
2.04	Auxiliary wheel	mm	φ150×50
2.05	Number of wheels, front/rear(X=drive wheel)		2/1x+2
2.06	Wheel tread, drive side	b10(mm)	678
2.07	Wheel tread, load side	b11(mm)	1015
Size			
3.01	Fork tilting	$\alpha/\beta(^{\circ})$	/
3.02	Mast closed height	h1(mm)	2090
3.03	Free lift height	h2(mm)	2550
3.04	Lift height	h3(mm)	1600
3.05	Mast extended height with load-backrest	h4(mm)	2500
3.06	Pedal height	h7(mm)	170
3.07	Inner leg width	b4(mm)	822
3.08	Support leg height	h8(mm)	245
3.09	Overall length(pedal off/on)	L1(mm)	≤2600*
3.10	Overall width	b1/b2(mm)	900/1105
3.11	Fork size	l/e/s(mm)	1070/122/40
3.12	Installation class		2A
3.13	Fork outside width	b5(mm)	264-732
3.14	Reach stroke	l4(mm)	≤685
3.15	Mast ground clearance	m1(mm)	50
3.16	Aisle width for pallet 1000*1200mm	Ast(mm)	2815*
3.17	Aisle width for pallet 800*1200mm	Ast(mm)	2840*
3.18	Turning radius	Wa(mm)	1950*



Weight

4.01	Service weight(incl.battery)	kg	2250
Function			
5.01	Driving speed(load/unload)	km/h	5.5/6
5.02	Lifting speed(load/unload)	mm/s	95/150
5.03	Lowering speed(load/unload)	mm/s	100/95
5.04	Max gradeability(load/unload)(S2-5min)	%(tanθ)	6/8
5.05	Brake type		Electromagnetic
Drive			
6.01	Driving motor(S2-60min)	kw	1.5
6.02	Lifting motor(S3-10%)	kw	3
6.03	Battery voltage/capacity	V/Ah	24/210 (270AH optional)
6.04	Battery weight	kg	175
6.05	Steering system		EPS
Note:The standard model data would vary according to different configuration.			
*When pedal on,overall length,aisle width,turning radius of stacker will beincreased 450mm accordingly.			
MFA20 with single cylinder & duplex mast can optional fork tilt.			
MFA20 with double cylinders & duplex mast can optionai fork tilt.			
MFA20 with triplex mast can optional fork tilt.			

