

# Technical Data Sheet



## STAND UP OPERATION Manipulator Transporter

### RMP21C

<b>General Information</b>			
1	Manufacturer		Vetex
2	Model	Manufacturer's Designation	RMP21C
3	Load Capacity	lbs (kg)	450 (202)
4	Load Center	Past side of vehicle while stationary in (mm)	38 (965)
5	Power	Electric	48 Volt
6	Operator Type		Stand Up Rider
7	Tire Type	Omni-Directional	Cushion
8	Wheels (x=driven)	Front/Rear	2x/2x
<b>Dimensions</b>			
9	Upright	Maximum Lift Height (Center of Tube) in (mm)	80 (2032)
10		Minimum Lift Height (Center of Tube) in (mm)	12 (305)
15	Head length	Length not including Manipulator in (mm)	93.5 (2375)
16	Width	Overall not including Manipulator in (mm)	48 (1220)
17	Height	Including Mast in (mm)	130 (3300)
19	Turning Radius	Minimum Outside in (mm)	50.5 (1283)
20	Load Distance	Center of Load to vehicle side in (mm)	38 (965)
<b>Performance</b>			
24	Speeds	Travel mph (km/h)	4.0 (6.4)
25		Lift - Empty/Loaded ft/min (m/s)	93/63 (.47/.32)
26		Lowering - Empty/Loaded ft/min (m/s)	70/95 (.36/.48)
<b>Weight</b>			
28	Total Weight	Standard Truck Weight w/ Batteries lb/kg	8316 (3780)
29	Axle Weight	Static- Front/Rear w/o Load lb/kg	4400/3916 (2000/1780)
<b>Chassis</b>			
30	Wheelbase	Distance Front Axle to Rear Axle in (mm)	62 (1575)
31	Track Width	Center of Wheels in (mm)	35.5 (902)
32	Ground Clearance	Lowest Point in (mm)	3 (76.2)
33		Empty at Center of Wheel Base in (mm)	3 (76.2)
34	Grade Clearance	%	14
35	Brakes	Service - Regenerative	Hand/Auto
36		Parking - 4 Wheel Disc-Spring App. Elec. Rel.	Auto
<b>Battery</b>			
37	Battery	Type	12 V Sealed AGM
38		Ampere Hours - Max. (4) 20 Hr Rating amp/hr	198
39		Minimum Weight Each lb/kg	129 (58.6)
40	Battery Dimension	Width in (mm)	8.5 (216)
41		Length in (mm)	20.75 (527)
42		Height in (mm)	10 (254)
43	Battery Compartment	Width in (mm)	48 (1219)
44		Length in (mm)	26 (660)
45		Height in (mm)	12 (305)
<b>Control</b>			
46	Operator Control	Joystick - Traction, Direction, Horn, Brakes	Right Hand
47	Electric Control	Traction Motor Super Drives vdc/vac	Transistor
48	Operator Control	Joystick - Manipulator Functions	Left Hand
51	Electric Motors	Traction A/C Motors Cont. Rating hp (kw)	5 (3.7)

All Specifications are preliminary and are subject to change during the course of final design.