## Technical Data Sheet



## STAND UP OPERATION Manipulator Transporter

## RMP21C

General Information				
1	Manufacturer			Vetex
2	Model	Manufacturer's Designation		RMP21C
3	Load Capacity	a.i.a.aaaa.a.a.a.aaaag.i.aai.a.i.	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
Dimensions				
9	Upright	Maximum Lift Height (Center of Tube)	in (mm)	80 (2032)
10	. 3	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)
Peri	formance			` '
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)
Wei	iaht	<u> </u>		
	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)
Chassis				
30	Wheelbase	Distance Front Axle to Rear Axle	in (mm)	62 (1575)
31	Track Width	Center of Wheels	in (mm)	
32	TT GOK VVIGOTI	Center of Wineers	()	35.5 (902)
1 32	Ground Clearance	Lowest Point	in (mm)	35.5 (902) 3 (76.2)
33				` '
33 34		Lowest Point	in (mm)	3 (76.2) 3 (76.2) 14
33 34 35	Ground Clearance	Lowest Point Empty at Center of Wheel Base Service - Regenerative	in (mm) in (mm) %	3 (76.2) 3 (76.2)
33 34	Ground Clearance Grade Clearance	Lowest Point Empty at Center of Wheel Base	in (mm) in (mm) %	3 (76.2) 3 (76.2) 14
33 34 35 36	Ground Clearance Grade Clearance Brakes	Lowest Point Empty at Center of Wheel Base Service - Regenerative	in (mm) in (mm) %	3 (76.2) 3 (76.2) 14 Hand/Auto
33 34 35 36 <i>Bat</i> 37	Ground Clearance Grade Clearance Brakes	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type	in (mm) in (mm) %	3 (76.2) 3 (76.2) 14 Hand/Auto Auto
33 34 35 36 <i>Bat</i> 37 38	Ground Clearance Grade Clearance Brakes	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. (4) 20 Hr Rating	in (mm) in (mm) %  amp/hr	3 (76.2) 3 (76.2) 14 Hand/Auto Auto 12 V Sealed AGM 198
33 34 35 36 <i>Bat</i> 37 38 39	Ground Clearance Grade Clearance Brakes  tery Battery	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. [4] 20 Hr Rating Minimum Weight Each	in (mm) in (mm) %  amp/hr lb/kg	3 (76.2) 3 (76.2) 14 Hand/Auto Auto 12 V Sealed AGM 198 129 (58.6)
33 34 35 36 <i>Batt</i> 37 38 39 40	Ground Clearance Grade Clearance Brakes	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. [4] 20 Hr Rating Minimum Weight Each Width	in (mm) in (mm) %  amp/hr lb/kg in (mm)	3 [76.2] 3 [76.2] 14 Hand/Auto Auto  12 V Sealed AGM 198 129 [58.6] 8.5 [216]
33 34 35 36 <i>Batt</i> 37 38 39 40	Ground Clearance Grade Clearance Brakes  tery Battery	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. [4] 20 Hr Rating Minimum Weight Each Width Length	in (mm) in (mm) %  amp/hr lb/kg in (mm) in (mm)	3 [76.2] 3 (76.2) 14 Hand/Auto Auto  12 V Sealed AGM 198 129 [58.6] 8.5 [216] 20.75 [527]
33 34 35 36 <i>Batt</i> 37 38 39 40 41 42	Ground Clearance Grade Clearance Brakes  tery Battery  Battery Dimension	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. [4] 20 Hr Rating Minimum Weight Each Width Length Height	in (mm) in (mm) %  amp/hr lb/kg in (mm) in (mm) in (mm)	3 [76.2] 3 [76.2] 14 Hand/Auto Auto  12 V Sealed AGM 198 129 [58.6] 8.5 [216] 20.75 [527] 10 [254]
33 34 35 36 <i>Batt</i> 37 38 39 40 41 42 43	Ground Clearance Grade Clearance Brakes  tery Battery	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. [4] 20 Hr Rating Minimum Weight Each Width Length Height Width	in (mm) in (mm) %  amp/hr lb/kg in (mm) in (mm) in (mm)	3 [76.2] 3 [76.2] 14 Hand/Auto Auto  12 V Sealed AGM 198 129 [58.6] 8.5 [216] 20.75 [527] 10 [254] 48 [1219]
33 34 35 36 <i>Batt</i> 37 38 39 40 41 42 43	Ground Clearance Grade Clearance Brakes  tery Battery  Battery Dimension	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. [4] 20 Hr Rating Minimum Weight Each Width Length Height Width Length	in (mm) in (mm) %  amp/hr lb/kg in (mm) in (mm) in (mm) in (mm) in (mm)	3 [76.2] 3 [76.2] 14 Hand/Auto Auto  12 V Sealed AGM 198 129 [58.6] 8.5 [216] 20.75 [527] 10 [254] 48 [1219] 26 [660]
33 34 35 36 <b>Bat</b> 37 38 39 40 41 42 43 44	Ground Clearance Grade Clearance Brakes  tery Battery Battery Dimension Battery Compartment	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. [4] 20 Hr Rating Minimum Weight Each Width Length Height Width	in (mm) in (mm) %  amp/hr lb/kg in (mm) in (mm) in (mm)	3 [76.2] 3 [76.2] 14 Hand/Auto Auto  12 V Sealed AGM 198 129 [58.6] 8.5 [216] 20.75 [527] 10 [254] 48 [1219]
33 34 35 36 <i>Bat</i> 37 38 39 40 41 42 43 44 45 <i>Con</i>	Ground Clearance Grade Clearance Brakes  tery Battery  Battery Dimension  Battery Compartment	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. (4) 20 Hr Rating Minimum Weight Each Width Length Height Width Length Height Height	in (mm) in (mm) %  amp/hr lb/kg in (mm) in (mm) in (mm) in (mm) in (mm)	3 [76.2] 3 [76.2] 14 Hand/Auto Auto  12 V Sealed AGM 198 129 [58.6] 8.5 [216] 20.75 [527] 10 [254] 48 [1219] 26 [660] 12 [305]
33 34 35 36 <i>Bat</i> 37 38 39 40 41 42 43 44 45 <i>Con</i>	Ground Clearance  Grade Clearance Brakes  tery Battery  Battery Dimension  Battery Compartment  tro/ Operator Control	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. (4) 20 Hr Rating Minimum Weight Each Width Length Height Width Length Height Joystick - Traction, Direction, Horn, Brakes	in (mm) in (mm) %  amp/hr lb/kg in (mm) in (mm) in (mm) in (mm) in (mm)	3 [76.2] 3 [76.2] 14 Hand/Auto Auto  12 V Sealed AGM 198 129 [58.6] 8.5 [216] 20.75 [527] 10 [254] 48 [1219] 26 [660] 12 [305]  Right Hand
33 34 35 36 Bat; 37 38 39 40 41 42 43 44 45 Con 46	Ground Clearance  Grade Clearance  Brakes  tery  Battery  Battery Dimension  Battery Compartment  trol  Operator Control  Electric Control	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. (4) 20 Hr Rating Minimum Weight Each Width Length Height Width Length Height Joystick - Traction, Direction, Horn, Brakes Traction Motor Super Drives	in (mm) in (mm) %  amp/hr lb/kg in (mm) in (mm) in (mm) in (mm) in (mm)	3 [76.2] 3 [76.2] 14 Hand/Auto Auto  12 V Sealed AGM 198 129 [58.6] 8.5 [216] 20.75 [527] 10 [254] 48 [1219] 26 [660] 12 [305]  Right Hand Transistor
33 34 35 36 <i>Bat</i> 37 38 39 40 41 42 43 44 45 <i>Con</i>	Ground Clearance  Grade Clearance Brakes  tery Battery  Battery Dimension  Battery Compartment  tro/ Operator Control	Lowest Point Empty at Center of Wheel Base  Service - Regenerative Parking - 4 Wheel Disc-Spring App. Elec. Re  Type Ampere Hours - Max. (4) 20 Hr Rating Minimum Weight Each Width Length Height Width Length Height Joystick - Traction, Direction, Horn, Brakes	in (mm) in (mm) %  amp/hr lb/kg in (mm) in (mm) in (mm) in (mm) in (mm)	3 [76.2] 3 [76.2] 14 Hand/Auto Auto  12 V Sealed AGM 198 129 [58.6] 8.5 [216] 20.75 [527] 10 [254] 48 [1219] 26 [660] 12 [305]  Right Hand

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