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WALK-A-PULLER SPECIFICATION SHEET

Portable Battery Changers

Model WBP-44 WBP-50



WE PROVIDE SOLUTIONS.



WBP Control Pod

OPTIONS:



Magnet Assembly



Vacuum Cup Assembly

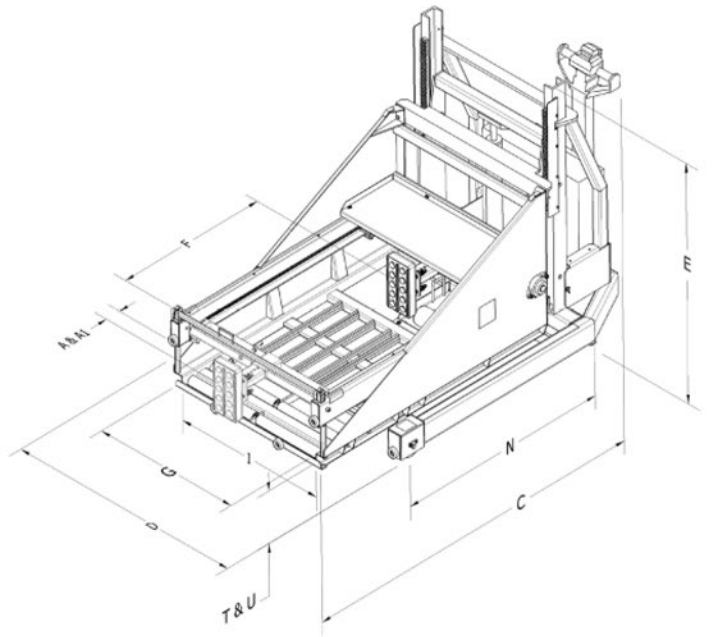
FEATURES:

MTC's Walk-A-Puller is a low cost, versatile battery changer that is designed for a fleet size of twenty five trucks or less. Its universal design allows operators of lift trucks with side removal battery compartments to replace discharged batteries with ones fully charged. Its lowered height benefits small pallet trucks and low profile reach trucks while also handling the large sit down rider batteries with compartments that are much higher from the ground.

The MTC Walk-A-Puller uses the proven pallet truck power head design for a tight turning radius and smooth electric drive motor control, while maintaining its raise lower strength from a hydraulic power pack. The exclusive MTC carriage design uses both UHMW slide strips and rollers to allow for safe transfer of batteries while maintaining the load in the travel state. The DC powered battery pack can be replaced with an industrial lead acid battery for high volume applications. The Walk-A-Puller's hydraulic driven push pull mechanism uses either a vacuum or magnet battery attachment to extract and return the batteries from the lift trucks and the battery racks.

The Walk-A-Puller's safety features include variable high frequency travel speeds for precise alignment with lift trucks and auto reversing control switch to prevent operators from potential injury when in reverse travel.

WBP-40-M Magnet Dimensions
(See Chart)



PLEASE REFERENCE THE DIMENSIONAL DATA CHART ON PAGE 3 TO MATCH THE LETTERS TO THE CORRESPONDING SPECIFICATIONS.

GENERAL INFORMATION		WBP-40-44		WBP-40-50	
1	Maximum Load Capacity (lbs/kg)	4,000 lbs	1815 kgs	3,500 lbs	1588 kgs
2	Hydraulic Pump Type	Gear			
3	Power Unit (Battery) Type	Lead Acid			
4	Battery Attachment Mechanism	Magnet or Vacuum Cup			
5	System Voltage	24 Volt			
6	Standard Model Color (Optional Colors available)	Yellow			
7	Roller Diameter (inches/mm)	2.50 in	64 mm	2.50 in	64 mm
8	Roller Shaft Size (inches/mm)	0.69 in	18 mm	0.69 in	18 mm
9	Push/Pull Drive Chain Size	#50			
10	Minimum Service Aisle Width Required (feet/m)	14 ft	4268 mm	14 ft	4268 mm
REACH INFORMATION					
A	Magnet Reach (draw bar fully extended) (in/mm)	5.75 in	146 mm	5.75 in	146 mm
A1	Vacuum Cup Reach (draw bar fully extended) (in/mm)	3.50 in	89 mm	3.50 in	89 mm
BASIC DIMENSIONS					
B	Vacuum Cup Size (Standard/Optional)	10" round/7" X 12"			
C	Overall Length (inches/mm)	108.50 in	2756 mm	117.25 in	2979 mm
D	Overall Width (inches/mm)	56.56 in	1437 mm	56.56 in	1437 mm
E	Overall Height (inches/mm)	68.00 in	1727 mm	70.50 in	1791 mm
F	Maximum Compartment Depth (draw bar fully extended) (inches/mm)	48.00 in	1219 mm	50.25 in	1276 mm
G	Battery Compartment Width (inches/mm)	40.50 in	1029 mm	40.50 in	1029 mm
H	Maximum Battery Length (inches/mm)	47.50 in	1207 mm	50.00 in	1270 mm
I	Maximum Battery Width (inches/mm)	40.00 in	1016 mm	40.00 in	1016 mm
J	Maximum Battery Height (inches/mm)	35.00 in	889 mm	35.00 in	889 mm
K	Minimum Battery Length (inches/mm)	14.00 in	356 mm	14.00 in	356 mm
L	Minimum Battery Width (inches/mm)	18.00 in	457 mm	18.00 in	457 mm
M	Minimum Battery Height (inches/mm)	18.00 in	457 mm	18.00 in	457 mm
N	Wheelbase (inches/mm)	75.00 in	1905 mm	77.00 in	1956 mm
P	Ground Clearance (Carriage Elevated 1")	1.50 in	38 mm	1.50 in	38 mm
R	Grade Clearance	10%			
S	Turning Radius (inches/mm)	84.00 in	2134 mm	90.00 in	2286 mm
T	Minimum Floor-to-Roller Height (inches/mm)	3.38 in	86 mm	3.38 in	86 mm
U	Maximum floor-to-Roller Height (inches/mm)	27.50 in	699 mm	27.50 in	699 mm
WEIGHTS					
V	Service Weight (unloaded, including power pack)	2,800 lbs	1270 kgs	3,000 lbs	1361 kgs
PERFORMANCE					
W	Maximum travel Speed (unloaded/loaded)	240 fpm/180 fpm [1.2 m/sec -.9 m/sec]			
X	Carriage Raise/Lower Speed	8 fpm	.041 m/sec	8 fpm	.041 m/sec
Y	Vacuum Arm Travel Speed	22 fpm	.112 m/sec	22 fpm	.112 m/sec
Z	Rated Draw Bar Pull	900 lbs.	408 kgs	900 lbs.	408 kgs

- NOTES**
- Both models available with magnet or vacuum cup attachment per customer request.
 - Both models available without battery pack per customer request.
 - Draw bar extension and retraction will affect battery compartment depth (See specification items G and H).
 - Equipment can be modified for lower battery heights per request.
 - Performance may vary +/-5% due to system efficiency tolerance. The performance shown represents nominal values obtained under typical operating conditions.

WBP Features and Benefits



Walk-A-Puller™

Features

- Portable, Self Contained Battery Puller Unit
- Lift Height Adjusts from 4in/90mm to 27in/700mm
- Adjustable Arm (magnet or vacuum)
- Variable Speed Motor Controller
- Ease of Operation

Benefits

- Enables battery changing at various locations
- Capable of reaching virtually all lift truck battery compartments
- Allows for battery attachment over wide outriggers
- Allows operator to choose the safest speed at which to retrieve and transport each lift truck battery
- Allows lift truck operator to safely change battery



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