

WHY CONSIDER POWERED CARTS?

Newcastle Systems is the world's #1 provider of mobile powered workstations. Our customers are a who's who list of successful companies who are passionate about removing waste and being as efficient as possible. Our customers have reported incredible increases in efficiencies and worker utilization rates making them more competitive and profitable.

WHAT PROBLEMS DO POWERED CARTS SOLVE?



ACCURACY

Reduce mislabeled products by 90%



CAPACITY

Increase by 30-50%



POOR FLOW

Improve order cycle times by 50%



FATIGUE

Reduce walking up to 50%



SAFETY

Ensure employee spacing/avoid cross traffic

ROI/IMPACT

+50%
FASTER
DOCK TO STOCK

-90%
LABELING ERRORS

-\$7500
LABOR COSTS
PER OPERATOR

+SAFETY
ENSURE SAFE
WORK DISTANCES



TYPICAL ROI CALCULATION

Based on 40 hour week, \$20/hour + benefits. Mobile workstation includes NB Series with PowerSwap Lithium, ZT230 printer and DS3678 scanner.

	1 USER	50 USERS
DOLLARS SAVED/YEAR	\$10,400	\$520,000
HOURS SAVED/YEAR	520	26,000
MONTHS TO PAYBACK	6.1	6.1

THE SOLUTION: MOBILE POWER



**REMOVE WASTED MOTION WALKING
TO FIXED DEVICES**

OFTEN 50% OF A PROCESS

**CALCULATE YOUR OWN ROI OR PERFORM A TIME STUDY
WITH OUR FREE MOBILE APP**



DOWNLOAD OUR APP

GET IT ON
Google Play

Download on the
App Store

NEWCASTLESYS.COM/ROI
NEWCASTLESYS.COM/MOTIONMETER

THE MOST POPULAR USES FOR POWERED CARTS



Inbound Labeling/
Receiving



Cycle
Counting



Batch
Picking



Manufacturing Work
Instructions/Drawings



Shipping
Document Control



Labeling & Data
Entry (ERP)



Quality
Control












Supervisor
Stations

SOME OF OUR BIGGEST FANS



POWERED CARTS & PORTABLE POWER SYSTEMS

Category	Mobile Workstations					PowerSwap Systems		Portable Power Systems	
Product	EcoCart Series	NB Series	Apex Series	PC Series	CheckMate Series	PowerSwap Nucleus CLASSIC	PowerSwap Nucleus MINI	PowerPack Ultra	PowerPack Mega
									
Common Configurations	EC380 (100ah) B423 Middle Shelf	NB430 (100ah) or NB440 (200ah) B124 Middle Shelf	Apex1000 non power workstation AP207NU2-S Apex 1000 Lithium workstation, 2 batteries, 1 x PWC2C AP207NU4-S Apex 1000 Lithium workstation, 4 batteries, 1 x PWC2C	PC536 (200ah) 30" PC556 (220ah) 48" B127 30" Middle Shelf B143 48" Middle Shelf	CM1000 non-powered PS102NU2M Nucleus Mini Battery System or PP2.0-LI Fixed Lithium Battery System B430CM 2nd Fold-Out Shelf	PPNU2 Stand Alone PP w/2 x 3.6 battery PWC2 2-bay PowerCharge charging strn PWD2 2 Bay PowerDockDual docking strn PSNU3.6 Lithium Iron Phosphate 36ah battery NB300NU2 Nucleus NB Series Lithium Iron 2 batteries NB300NU4 Nucleus NB Series Lithium Iron 4 batteries PC490NU2 Nucleus PC 30" Series Lithium Iron Workstation with 2 batteries PC490NU4 Nucleus PC 30" Series Lithium Iron Workstation with 4 batteries PC495NU2 Nucleus PC 48" Series Lithium Iron Workstation with 2 batteries PC495NU4 Nucleus PC 48" Series Lithium Iron Workstation with 4 batteries	PS102NU1M Nucleus MINI stand alone power package w/ 1 x PSNU1.8M battery, PWD1M PS102NU2M Nucleus MINI stand alone power package w/ 2 x PSNU1.8M battery, PWD1M PWD1M 1 Bay MINI Power-Dock docking station PWC1M 1 Bay MINI Power-Charge charging station PSNU1.8M Lithium Iron Phosphate 230Wh battery, compatible with Mini NU PWD1M EC Series w/ Single Lithium EC Series w/ Dual Lithium	PP2.6 (26ah)	PP42 (100ah) PP45 (200ah)
Accessories (Optional)	B112 Laptop Holder B407 Keyboard Tray B266 LCD Post	B112 Laptop Holder B107 Keyboard Tray B266 LCD Post	B300 Keyboard Tray B132 Scanner Holder B311 Hanging Printer Shelf	B112 Laptop Holder B107 Keyboard Tray B266 LCD Post	B407 Keyboard Tray B128QC Additional Lockable Drawer C209 Wastebasket & Holder	B112 Laptop Holder B107 Keyboard Tray B266 LCD Post	B423 ECO Middle Shelf B112 Laptop/Tablet Holder B266 Single Monitor Holder		
Application	Receiving/labeling, QA, cycle counts	Receiving/labeling, QA, cycle counts	Shop floor applications: track/trace, MES, lot control, QA, supervisor cart, training, work instructions, drawings	Receiving/labeling, QA, cycle counts, picking, shipping	Retail store operations: line busting, garden centers, fitting rooms, side-walk sales, returns, shelf labeling, markdowns	24-7 receiving, labeling	Receiving, picking carts, QA, cycle counts, supervisor stations	QA carts, retail markdowns, cycle counts	Receiving/labeling, QA, cycle counts, on customer's own cart
Powers	Laptops, desktop & mid-range label printers, NO lasers	Small PCs, laptops, desktop & mid-range label printers	Laptop/thin client, LCDs, barcode printer & scanner	Small PCs, laptops, desktop & mid-range, industrial label printers & laser printers	POS systems, receipt printers, scanners, desktop thermal printers & laptops	Laptops, small PCs, tablets & any thermal printers - NO lasers	Laptops, desktop printers, some tabletop printers, scanners, tablets, thin clients	Laptops, tablets & desktop thermal printers	Laptops, PCs & thermal printers
Run Time	4-8+ hours	4-8+ hours	8-24 hours	4-8+ hours	8-24 hours	24-7 (6-8 hours per battery pack)	4-8 hours	4-12 hours	4-12 hours