

# 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**

## POWERED CARTS ARE TYPICALLY USED FOR



Inbound Labeling/  
Receiving



Batch  
Picking



Shipping  
Document Control



Quality  
Control



Cycle  
Counting



Manufacturing Work  
Instructions/Drawings



Labeling & Data  
Entry (ERP)



Supervisor  
Stations

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



**DOWNLOAD OUR APP**














NEWCASTLESYS.COM/ROI  
NEWCASTLESYS.COM/MOTIONMETER



**NEWCASTLE  
SYSTEMS**

# OUR PRODUCTS

Category	Mobile Workstations							PowerSwap Systems		Portable Power Systems	
Product	EcoCart Series	LT Series	NB Series	Apex Series	QC Series	FH Series	PC Series	PowerSwap Nucleus CLASSIC	PowerSwap Nucleus MINI	PowerPack Ultra	PowerPack Mega
											
<b>Application:</b>	Receiving/labeling, QA, cycle counts	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	Quality testing, supervisor floor station, training, work instruction, maintenance station	Access data, print wrist bands, print labels, paperwork & more at outdoor testing sites & temporary health facilities	Receiving/labeling, QA, cycle counts, picking, shipping	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
<b>Powers:</b>	Laptops, desktop & mid-range label printers, NO lasers	Laptops, small thermal printers & scanners	Small PCs, laptops, desktop & mid-range label printers	Thin clients, small PCs, laptops, LCDs, small printers	Laptop/thin client, LCD, desktop printer & scanner	Laptop/thin client, LCD, scanner, small thermal printers & laser printers	Small PCs, laptops, desktop & mid-range, industrial label printers & laser printers	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
<b>Run Time:</b>	4-8+ hours	4-8+ hours	4-8+ hours	8-24 hours	8-12+ hours	8-12+ hours	4-8+ hours	24-7 (6-8 hours per battery pack)	4-8 hours	4-12 hours	4-12 hours
<b>Notes:</b>	<ul style="list-style-type: none"> <li>Eco 0 - Lower cost model</li> <li>475 w inverter not adjustable</li> <li>Can't charge and use at the same time</li> </ul>		<ul style="list-style-type: none"> <li>For lasers, quote NB470</li> <li>Adjustable</li> <li>1000w inverter</li> <li>Can add a 2nd battery</li> <li>Can charge and use at the same time</li> </ul>	<ul style="list-style-type: none"> <li>Focus on manufacturing flexibility, paperless, real time visibility</li> </ul>				<ul style="list-style-type: none"> <li>5 year battery life</li> <li>Extremely light-weight</li> <li>Hot swappable - best in breed technology</li> </ul>	<ul style="list-style-type: none"> <li>5 year battery life</li> <li>3 year warranty</li> <li>Affordable technology</li> </ul>	<ul style="list-style-type: none"> <li>Very low cost</li> <li>Compact size</li> <li>Perfect for laptops</li> </ul>	<ul style="list-style-type: none"> <li>For those who want to use their own cart</li> </ul>

## CUSTOMERS WHO HAVE IMPROVED PROCESSES WITH POWERED CARTS



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**ADDITIONAL RESOURCES**

**Facebook:** facebook.com/newcastlesys  
**Twitter:** twitter.com/NewcastleSys  
**YouTube:** youtube.com/user/cwheeler2022  
**LinkedIn:** linkedin.com/company/newcastle-systems