

Mobile Power Solutions

Product Overview

Outstanding Benefits

Newcastle Systems' commitment is to provide innovative solutions that help to make Auto-ID Technology and other hardware truly mobile and information more readily available across an entire enterprise.

Our full line of mobile workstations with integrated power supply have been designed to hold and power your laptops, PCs, barcode printers, scanners, scales and other electronic equipment for 8-12+ hours at a time. At the end of your shift, simply plug the workstation into a wall outlet to recharge.

- Eliminate walking back & forth to deskbound printers, computers and more
- Print on-demand (including thermal transfer labels) and reduce costly mis-labeling errors
- Have continual full screen access to real-time information ANYWHERE in your facility
- Maximize your wireless infrastructure
- See your ROI in about 4 to 6 months

www.newcastlesys.com/ROI



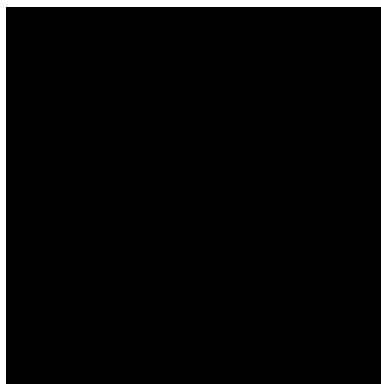
Create Your Own Mobile Station

An "On-Demand" Label Printing / PC Station provides a simple way to implement mobility in your facility.

A popular station configuration consists of:

- 1 Your High-Volume Label Printer
- 2 Your WMS / PC or Laptop / LCD
- 3 A Mobile Powered Workstation

Eliminate those costly footsteps and increase productivity immediately!



Proven Applications

Our workstations provide an economical way to make your Auto-ID technology and other hardware completely mobile anywhere in your facility.

A High-Volume Mobile Printing / PC Station will improve efficiencies for a variety of tasks:

- Shipping/Receiving & Cross-Docking
- Inventory Management
- Cycle/Piece Counting
- Order Fulfillment
- RFID Tagging
- Asset Tracking
- Process & Quality Control



Markets Served

With thousands of installations worldwide, our mobile powered solutions can increase productivity for a wide variety of industries.

Warehousing/Distribution

Maximizing supply chain efficiencies are on-going goals of progressive organizations. Mobile workstations deployed in a facility can help support ERP and WMS systems to achieve higher productivity.



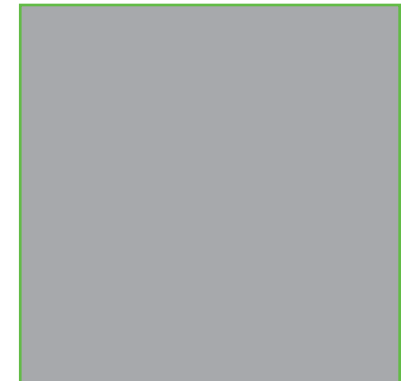
Manufacturing

Mobile workstations support lean manufacturing principles that require greater operational flexibility. Our wireless workstations can be deployed throughout a facility including production, QA, shipping and warehouse.



Retail

Our workstations are ideal for point-of-sale, product & shelf labeling, printing on demand, mark downs & price changes, as well as line busting.



Healthcare

Improve patient care by ensuring the medical professional has the most up to date patient information. The use of a computer or thin client on a mobile workstation facilitates electronic charting and more.

Economical RC Series

Mobile Powered Workstations

The RC Series is our most economical, compact workstation. Its small 18.5" x 22" footprint makes it perfect for narrow aisles and small spaces. Constructed with 11 gauge steel and fully reinforced surfaces, it has been designed to handle rough treatment over time.

Features include:

Integrated Power – seamless rechargeable power makes the RC Series ideal for powering a laptop or thin client, thermal barcode printer and scanner for about 8+ hours of normal use

Modular – A number of optional accessories are available and can be easily integrated in seconds to create a highly versatile workstation. (See page 8)



Powered version w/optional middle shelf, keyboard tray, scanner holder, LCD holder and shelf lip



Standard storage compartment



Optional middle shelf easily adjustable

Model Configurations

All RC Series models listed below are 18.5" W x 22" L x 39" H and come standard with top shelf, 5" locking swivel casters, push handle, 18" storage compartment, integrated power system, and cord reel holder.

	Model	Model	Model
Power System Components:	RC350	RC380	RC430
Battery: (Sealed Lead Acid)	40 AH	100 AH	100 AH
Inverter/Charger Package:	Small	Small	Standard
*Typical Charge Time:	2 - 4 hrs.	8 - 10 hrs.	3 - 5 hrs.
Overall Weight:	125 lbs.	165 lbs.	167 lbs.
Typical Hardware & Run Time:	Laptop or small printer for 8+ hrs.	Laptop & small printer for 8+ hrs.	Laptop & large printer for 8+ hrs.

*Recharge time will be shorter if only discharged a little; a full recharge is NOT required to operate



RC200 non-powered version with optional middle shelf

Mid-Range NB Series Mobile Powered Workstations

The **Patented NB Series Mobile Powered Workstation** was designed to make Auto-ID technology and other hardware truly mobile within a facility. With a compact 24" x 26" footprint, this ergonomically designed unit can be positioned into the most remote corners. Each adjustable shelf is secured to a slotted upright system and can be repositioned in seconds to suit the operator's needs.

- Ideal for powering barcode printers, computers, scanners, scales, and other hardware for about 8-12+ hours
- A number of optional accessories are available and can be easily integrated in seconds for a highly versatile workstation. (See page 8)

Features include:



Integrated power system



Remote power system status meter



Built-in powerstrip to plug in hardware



NB Series with optional accessories

Model Configurations

US Patent No. D553,324

All NB Series models listed below are 24" W x 26" L x 43" H and come standard with (one) adjustable height laminated shelf, 5" locking swivel casters, adjustable push handle, integrated power system, built-in powerstrip and cord reel holder.

	Model	Model	Model	Model
Power System Components:	NB350	NB380	NB430	NB440
Battery: (Sealed Lead Acid)	40 AH	100 AH	100 AH	200 AH
Inverter/Charger Package:	Small	Small	Standard (UL & CSA Approved)	Standard (UL & CSA Approved)
*Typical Charge Time:	2 - 4 hrs.	8 - 10 hrs.	3 - 5 hrs.	8 - 10 hrs.
Overall Weight:	165 lbs.	200 lbs.	193 lbs.	268 lbs.
Typical Hardware & Run Time:	Laptop or small printer for 8+ hrs.	Laptop & small printer for 8+ hrs.	Laptop & large printer for 8+ hrs.	Desktop PC & large printer for 8+ hrs.

*Recharge time will be shorter if only discharged a little; a full recharge is NOT required to operate



NB300 non-powered version with optional accessories



Mobile "on-demand" label printing station

Heavy-Duty PC Series Mobile Powered Workstations

The **PC Series Mobile Powered Workstation** offers many of the same standard features as the NB Series. It has been designed to power a variety of hardware (including a laser printer), yet offers more space to hold inventory.

The PC Series offers 30" or 48" deep workstations that are designed for ease of mobility. With high performance 6" rubber casters and narrow profile they can be moved and positioned with minimal effort ensuring operator usage throughout a facility. Non-powered versions, **PC490** (30") and **PC495** (48") are also available.

A number of optional accessories are available and can be easily integrated in seconds for a highly versatile workstation. (See page 8).



Model Configurations

All PC Series models listed below are available in a 30" (26" W x 35.5" L x 43" H) or 48" (26" W x 54" L x 43" H) version. Unit comes standard with (one) adjustable height shelf, 6" locking swivel casters, adjustable push handle, integrated power system, built-in powerstrip and cord reel holder.

	Model	Model	Model	Model
Power System Components:	PC505 (30") PC545 (48")	PC510 (30") PC550 (48")	PC520 (30") PC554 (48")	PC538 (30") PC558 (48")
Battery: (Sealed Lead Acid)	100 AH	100 AH	200 AH	300 AH
Inverter/Charger Package:	Small	Standard (UL & CSA Approved)	Standard (UL & CSA Approved)	Heavy-duty (UL & CSA Approved)
*Typical Charge Time:	8 - 10 hrs.	3 - 5 hrs.	8 - 10 hrs.	8 - 10 hrs.
Overall Weight:	250 lbs. (30") 275 lbs. (48")	243 lbs. (30") 268 lbs. (48")	313 lbs. (30") 338 lbs. (48")	388 lbs. (30") 413 lbs. (48")
Typical Hardware & Run Time:	Laptop & small printer for 8+ hrs.	Laptop & large printer for 8+ hrs.	Desktop PC & large printer for 8+ hrs.	Desktop PC & laser printer for 8+ hrs.

*Recharge time will be shorter if only discharged a little; a full recharge is NOT required to operate



Integrated power system



Optional slide-out printer shelf for quick and easy label changes

Portable PP Series Power Packages

PP8

Small power package w/40 amp hour battery

Battery Life: 8+ hrs for laptop or small printer

Weight: 65 lbs. (L x W x H): 16" x 16" x 12"

PP12

Small power package w/100 amp hour battery

Battery Life: 8+ hrs for laptop and small printer

Weight: 110 lbs. (L x W x H): 16" x 16" x 12"

PP22

Standard power package w/100 amp hour battery

Battery Life: 8+ hrs for laptop and high-volume thermal printer

Weight: 110 lbs. (L x W x H): 16" x 16" x 12"

UL & CSA Approved

PP25

Standard power package w/(2) 100 amp hour batteries

Battery Life: 8+ hrs for desktop computer and high-volume thermal printer

Weight: 180 lbs. (L x W x H): 16" x 16" x 12"

UL & CSA Approved

PP27 (International)

220V 50Hz, 750 watt, (2) 100 amp hour batteries

Battery Life: 8+ hrs for desktop computer and high-volume thermal printer

Weight: 180 lbs. (L x W x H): 16" x 16" x 12"

Power packages typically ship LTL.

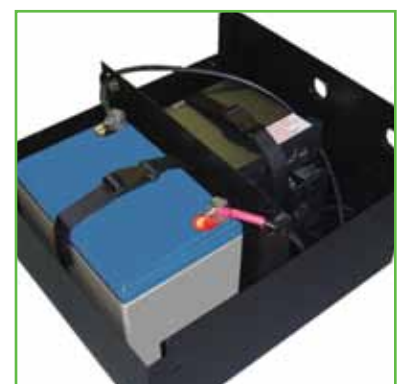
Looking for Portable Power? Newcastle Systems' PP Series Portable Power Packages provide consistent, reliable run time for virtually any application requiring "portable power".

It's ideal for indoor use wherever a powered device needs to be used in more than one location and/or where power may not be otherwise available (the far corners of warehouses, manufacturing facilities, loading docks, remote storage areas, etc.).

The PP Series is also an economical power solution for a non-powered industrial cart (shown below).



PP Series Power Package on base of cart



Newcastle Systems' line of accessories can be integrated with any product series in seconds to create a highly functional mobile workstation that is customized to your specific application.

Some accessories include:



Laptop/tablet holder for NB, PC & RC Series



Adjustable keyboard tray for NB & RC Series



Slide-out shelf for NB & RC Series



Cart cover for NB, PC & RC Series



Binder holder for NB & PC Series



LCD support for NB & PC Series

Partial list of organizations that have improved efficiencies with Newcastle Systems' Mobile Power Solutions:

- Amazon.com
- APC
- BAE Systems
- Cabela
- Cardinal Health
- Fed Ex Freight
- JC Penney
- Lockheed Martin
- McMaster Carr
- Raytheon
- Ross Stores
- Staples
- The Home Depot
- Tyco Electronics



Lockable drawer for NB, PC & RC Series



CPU holder for NB & PC Series



Laptop security bracket for NB & RC Series



Scanner holder for NB, PC & RC Series

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