

**DO NO HARM™**



# Building Green MACHINES



NSS has always been driven by a belief that the act of cleaning should “do no harm” to the environment or our customer-operators.

## NSS PRODUCT DESIGN = GREEN RESULTS

NSS is pleased to offer insight into our longstanding and ongoing adherence to the concept of “Do No Harm.” Many members of the NSS Product Development Team are probably on your payroll. That’s because we listen to operators and believe in product evolution, as well as revolution. Certainly we’ve developed breakthrough products over the years, but our process doesn’t start at some secret skunkworks. Our approach is simple: we listen to customers who use our equipment, evaluate their needs, and constantly improve or re-invent.

At NSS, each and every new product design begins with what might be called our product mantra—“Enduring quality.” You may find it amazing that NSS products typically have 30% fewer parts than competitors. The simple truth is that fewer parts cost less to maintain, to repair, or replace.

Durability, longevity, and flexibility are designed into every piece of NSS equipment. It takes an incredible amount of engineering savvy to achieve this, but that has always been our goal. Because our products are built to last, you’ll find NSS equipment hard at work for years—and even decades—after competitors’ products have failed and made the trip to a landfill.

## CLEAN AND GREEN

NSS has always been driven by a company culture that respects the environment as well as the safety of our customer-operators. There is no doubt that the cumulative effects of the industrial revolution are having an unsettling effect on our world. New scientific evidence is emerging with great regularity, confirming that each step taken to reduce the effects of pollution and global warming is a step in the right direction.

We treasure our customers as well as our employees. And we firmly believe that in today’s global marketplace “If a manufacturer is not part of the solution, it’s part of the problem.”

## PRODUCT GREEN FEATURES

100% of raw component shipping materials are reused

100% of NSS batteries are recycled and recyclable

100% of steel used in product frames is recyclable

NSS filter bags contain 90% recycled paper

NSS offers high efficiency HEPA filters

NSS features adjustable water flow for conservation

## CASE STUDY:

### If Only This “Pig” Could Talk

Back in 1940, NSS introduced the now-famous “Pig” vacuum cleaner, an early ancestor of today’s M-1. Its design was revolutionary and simplicity itself—a very high quality motor enclosed in a rugged cast alloy body with a protective “trap” in the front for long-term durability.

The rest of the story: We re-discovered this “Pig” in 1995 at a movie theatre in Indianapolis. It was still being used every day to suck up popcorn and dropped candy—a full fifty years after it was purchased. And we wouldn’t be surprised to learn about other early “Pigs” still hard at work. The bottom line: product durability is one of the most environmentally friendly attributes. Because NSS machines last and last, you won’t find them in landfills anytime soon, so the environmental impact is minimal.

This one Pig, for example, saved over 400 pounds of landfill content. Considering the thousands of NSS machines in use worldwide, landfill density is probably reduced by hundreds of tons each year.

1940 “Pig” vacuum cleaner, an early ancestor of today’s M-1



# Operator-Friendly ERGONOMICS

The concept of “Do No Harm” dates to Hippocrates and ancient Greece, but it remains as relevant today, not only for the healthcare profession, but for all professions and all business enterprises.

While it is true that this concept describes the environmental movement, the business reality is that a concern for environmental impact and worker health has always made solid, long-term economic sense.

NSS knows that quality ergonomic design pays off by enhancing value with the economic benefits of improved productivity and greater worker satisfaction. Among the principal ergonomic features of NSS machines:

- Handles adjust to match any operator height
- Padded handles increase operator comfort
- All machines are designed to be compact and easy to maneuver
- Carrying handles on vacuums for safe, easy transport
- Flip-up pad drivers make pad replacement easier on the operator's back

Creating high performance cleaning machines that “do no harm” entails more than just building equipment with straight-line speed, efficiency, flexibility, power, and/or holding capacity. That's why at NSS, our products are first “human engineered” with features to protect the health and safety of the operator.

## HEALTHY SIDE BENEFITS

NSS cleaning equipment is designed to perform safely and efficiently with a high degree of user comfort. Like our customer partners, we understand work injuries and subsequent medical expenses and lost time are a huge—and often avoidable—expense.



## CASE STUDY:

### The Amazing Battery Burnisher

There's nothing like a burnisher to create a spectacularly high-gloss floor. Traditionally, larger burnishers have been powered by propane, which has undesirable side effects including exhaust fumes, noise, heat, and vibration. For years, the end result seemed to justify the means. But was there a better, safer way to burnish?

NSS worked on a better idea and the result is the revolutionary Charger 2717 DB, a high performance battery-powered burnisher with a host of user-friendly ergonomic features. With a wide 27-inch path it's a real performer, its six batteries providing up to three hours of burnishing time. The unique flip-up pad driver makes changing pads a snap while Vac-Trac, our most effective dust control system ever on a burnisher, keeps the air clean. It's an industry leader, invented by NSS.



The Charger 2717 DB Battery Burnisher



**CASE STUDY:**

**Keeping It Clean & Green**

Like all NSS products, the Pacer 112 UE upright vacuum is designed for reliability, durability, and ease of use. When equipped with the HEPA filter, the Pacer removes 99.97% of airborne particles 0.3 microns or greater in diameter resulting in extraordinarily clean air. Additionally, all four Pacer upright vacuums have received the CRI green label certification.



**CASE STUDY:**

**Productivity Recycled**

The battery-powered NSS Wrangler 3300 DB autoscrubber is a champ when it comes to cleaning large areas, but it's also an environmental champ. The adjustable water flow helps conserve water use. Its frame is made from recycled steel, its batteries from recycled materials; both are recyclable. It's a great example of the NSS commitment to green thinking.

**CASE STUDY:**

**Quiet, Safe, Clean, and Recycled**

The flexible, quiet performance of the cordless Colt 800 PB and Pacer PB have made these vacuums very popular. NSS customers find they are perfect for use in traffic areas during the day. In addition, their batteries are manufactured from recycled materials and are recyclable themselves. They are also available with HEPA filters for the ultimate in clean air cleaning.



**TWISTER APPROVED**

Twister pads are diamond coated pads that allow marble, granite, and terrazzo to be polished without leaving harsh residue. NSS is the only manufacturer of "Twister Approved" equipment.

## Here's How To Schedule a Demonstration, Place an Order, or Get More Information

To schedule a demonstration at your facility, or to place an order for NSS equipment, contact your local NSS Distributor. To find the distributor nearest you, call NSS at 800 677 1663.

The NSS Mission is to help people do good work by contributing to cleaner, healthier and more comfortable work places.



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