WINDING AND AUTOMATION

We can wind it. From microscopic chip inductors to huge armatures. Nittoku is the most diversified winding machine maker, but at the same time also highly specialized in each category.
01 MOTOR WINDING
Armature Winding
  Single Flyer Distributed
  Double Flyer Distributed
  Single Flyer Concentrated
  Double Nozzle Concentrated
Solid Core Outer Winding
  Single Flyer Distributed
  Link Nozzle Concentrated
  Single Flyer Concentrated
  Single Flyer Concentrated (with Former)
  Single Nozzle Concentrated
  Double Nozzle Concentrated
Solid Core Inner Winding
  Single Nozzle Concentrated
  Triple Nozzle Concentrated
  Multi-Wire Nozzle
Segmented Core Winding
  Single Tooth Spindle
  Sequenced 4 Spindle
  Bifilar Spindle
  Flat Wire Spindle
Open Core Winding
  Single Flyer
  Tripple Nozzle
Coil Inserter Method
  Concentric Winding
  Inserter

02 COIL WINDING
Bobbin Less Winding
Bobbin Winding
  Round Wire
  Flat Wire
Chip Winding
  Power Inductor

03 SPECIALIZED WINDING
Flat Wire Edgewise
Customer Specific Winding Solutions

04 TENSIONERS & ACCESSORIES
Mechanical Tensioners
Electrical Tensioners
Magnetical Tensioners
Powder Brake Tensioners
Pulse Servo Tensioners
Servo Tensioners
Nozzles

NITTOKU WINDING
Since 1972 Nittoku Engineering is continuing to develop new and innovative winding methods, which are used in our advanced and fully automated winding machines.
Involving the Nittoku R&D team in the early stages of the product development ensures that products and manufacturing equipment are developed hand in hand. Based on our experience, this is crucial when it’s about developing the next generation of cutting-edge technologies.

In our winding laboratory we provide trial winding services for product prototypes or sometimes even run a small volume production of sample parts for our customers.
ENGINEERING
Accepting the challenge. Striving for the eco-technical optimum. Considering project specific boundary conditions. State of the art Engineering software creates the preconditions for an economic design and software development process.

MANUFACTURING
All key components are manufactured in-house. The quick availability of manufacturing parts is fundamental, when it comes to project business.

ASSEMBLY
From small trial winding tools to fully automated lines. Nittoku’s assembly department covers the entire range: Assembling, wiring, piping, adjustments.

AFTER SALES SERVICE
Spare parts, machine upgrades, software modifications, machine conversions, application support. Our service engineers are delighted to support our customers.
NITTOKU AUTOMATION

Nittoku stands for „Economical Automation“. Depending on type and variety of products, volume over time, quality requirements and complexity we will select the right automation approach in a dialog with our customers.

TRANSFER SYSTEMS

What’s the best Transfer System for your project?

- LITs/SHUTTLE
- FREE FLOW
- CMP

FLEXIBILITY

SPEED

NITTOKU HAS A COMPREHENSIVE PORTFOLIO OF STANDARD PROCESSES:

- FEEDING
- SCREWING
- TESTING
- PUNCHING
- WELDING
- TRACING
- BENDING
- DISPENSING
- PACKAGING
- FORMING
- BONDING
- SOLDERING
- PRESSING
COMPANY PROFILE NITTOKU EUROPE

In May 2015 Nittoku Engineering established its new European Headquarters in Austria, which is the only Nittoku factory outside of Asia. Nittoku is just around the corner for most European customers, which makes daily business a lot easier.

SHORT FACTS:

Nittoku Europe GmbH
European Headquarters
Founded in May 2015
Winding and Automation
R&D Center, Factory

GET IN TOUCH

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PART OF THE GLOBAL NITTOKU NETWORK

Think global – act local.
Nittoku: Always close to the customer.

www.nittoku.eu

HEAD OFFICE
FACTORY (6)
AGENCY, SUBSIDIARY, REP. OFFICE (15)