

# Presentation

Nicoletti International Presentation - English Version - ENG | 06 | 2023 ©Nicoletti-International S.r.I.

# Construction Machinery and Equipment







### About us Riguardo noi Acerca de Nosotros

#### Facciamo parte di Nicoletti-International

Con sede centrale e stabilimenti in ITALIA e vendite in Europa, America, Africa, Medio Oriente e Oceania.

#### Somos parte de Nicoletti-International

Con Oficina Central y Fábricas en ITALIA y ventas en América, Europa, África, Medio Oriente y Oceanía.

#### We are part of Nicoletti-International

With Central Office and Factories in ITALY and sales in America, Europe, Africa, the Middle East and Oceania.



**Riguardo noi.** I nostri macchinari e attrezzature per l'edilizia sono fabbricati al 100% in ITALIA e soddisfano tutti gli standard europei.

Abbiamo ridotto la catena commerciale, la nostra è una **vendita diretta dalla fabbrica**, e possiamo trasferire ai nostri clienti un prezzo più competitivo con qualità europea.

Le nostre attrezzature sono prodotte da Nicoletti & Associati in Italia, in modo da poter personalizzare le esigenze dei nostri clienti.

Intendiamo rafforzare il settore delle costruzioni attraverso nuove tecnologie con **qualità europea a prezzo di fabbrica**.

Offriamo il servizio di **progettazione e consulenza** affinché i nostri clienti raggiungano la massima efficienza, qualità e sicurezza. Acerca de nosotros. Nuestra Maquinaria y Equipo para Construcción es Fabricado 100% en ITALIA y cumple con todos los Estándares Europeas.

Hemos reducido la cadena comercial, la nuestra es una **Venta Directo de Fábrica** y podemos trasladar a nuestro cliente un precio mas competitivo con Calidad Europea.

Nuestros equipos son fabricados por Nicoletti & Asociados en Italia, por esto podemos Personalizar las Necesidades de nuestros clientes.

Nos proponemos reforzar la industria de la construcción a través de nuevas tecnologías con Calidad Europea a Precio de Fábrica.

Ofrecemos el Servicio de **Diseño y Aseso**ría para que nuestros clientes alcancen la máxima eficiencia, con calidad y seguridad. About US. Our Construction Equipment is Manufactured 100% in ITALY and meets all European Standards.

We have reduced the commercial chain, with our **Factory Direct Sale**, we can offer to our customers a competitive price with European Quality.

Our equipment is manufactured by **Nicoletti &** Associates in Italy, that is why we can customize customers requirements.

We intend to strengthen the construction industry through new technologies with **Europe**an Quality at Factory Price.

We offer the **Design and Consulting Service** so that our clients can achieve maximum efficiency, with quality and safety.





## Graphic index









### MONOBLOCK NIC | EUR | CONTAINER

Modular construction system for offices, sales points, dormitories, warehouses & more

**MONOBLOCK NIC | EUR**: Modular systems, separated or joined together for larger spaces. NIC15 for 1 level. NIC20 and EUR50 allow more than 1 level.

**Technical Characteristics**. Thermal insulation: Wall K=0.58 Watts/m<sup>2</sup>-K. Ceiling K=0.56 Watts/m<sup>2</sup>-K. Payload from: Roof 130 to 300 kg/m<sup>2</sup>. Floor: 200 kg/m<sup>2</sup>. Structure: Steel Fe 360 B, EN 10025 hot-dip galvanized, e=1.5 to 3.0 mm. Floor: Waterproof wood or 18mm fibber cement + linoleum. Roof and Walls: Multi-panel Galvanized sheet UNI EN 10147 and painted Coil Coating + Rigid expanded polyurethane insulation, self-extinguishing (PUR), non-polluting, from e= 40mm, density 40kg/m<sup>3</sup>.

CONTAINER MONOBLOCK built in galvanized sheet without insulation.

\* Only Model NIC15 5.90x2.20m x H2.20m





### MONOBLOCK HOME

Modular system for homes and general building construction







### **REBAR SHEAR MACHINES**

The professional equipment series to cut construction steel rods

**NIC Cantiere Series:** To work construction rebars. Developed to operate on construction site; are light and super solid. Their reduced weight makes them easy to move. The perfect tool for companies seeking low costs without compromising quality.

**NIC Professional Series:** For construction companies that need high quality equipment and unmatched longevity; who cut large quantities of iron, enduring any weather and working all day.





### REBAR BENDING MACHINES

The professional equipment series to bend construction steel rods

**NIC Cantiere Series**: For preparing rebar on the construction site; light and super solid. Their reduced weight makes them easy to move. The perfect tool for companies that want to keep costs low without compromising quality.

**NIC Professional:** Designed for construction companies that need high -quality equipment and longevity, to bend large amounts of rebar, withstanding any weather and working all day.





### COMBINED REBAR MACHINES

The professional combined machine series to cut & bend construction steel rods

**Combined Cutting and Bending:** With the same advantages of the NIC Cantiere & NIC Professional equipment. Combine cutting and bending in one unit. For projects that require multipurpose equipment and optimize your investment.











### NIC-10 Wall & Columns Clamp Forming System

**Formwork for walls and columns:** Patented profile & 18mm Finnish Plywood. Longer duration of the plywood, thanks to the patented profile for the passage of the brace, avoiding water absorption points. The edge on the outside of the panels allows a precise and perfectly aligned union.

Calculated for a pressure of **70kN/m2** over the entire surface, according to DIN regulations. Panels from 5cm to 2.00m wide and 3.00 and 1.50m high; They can be used horizontally and vertically.

**Options:** Galvanized steel and aluminium frame, PVC contact surface, other heights available, NIC-ROUND and circular columns, climbing accessories Earth Ground System (One side) and wide availability accessories.



#### MULTI-DECK Universal Slab Forming System

High load capacity, simple, light, modular and efficient; to formwork any slab and remove in advance until in 3 days<sup>(1)</sup>.

Five solutions adapted to project requirements and budget. Frames: 120x120cm, 120x160cm, 120x240cm, 160x160cm and 160x240cm, with: Aluminium or Steel Primary Beams, Steel/Wood Secondary Beams and Steel/ Wood Compensation Beams, Drophead® allows remove equipment in advance in two directions. Works perfectly with F Series & Class D Props, VIGA-FLEX and SAFE Systems.

**Optional**: Steel grids. Plastic or fibber glass coffer. Available Steel/Plywood panel. Timber on steel beams can be supplied by the customer.











#### BEAM-FLEX Under Slab Beams Forming System

Combines perfectly with **MULTI-DECK**. Is simple, lightweight, modular and efficient; allows to enclose any type of beam under the slab, with height from 20cm to 80cm and unlimited widths.

Edge beams accessories available. Efficient for post-tensioned slabs. BEAM-FLEX accessories attach to MULTI-DECK joists and uses the same F Series or Classes B/C/D Props. Compatible with SAFE system.

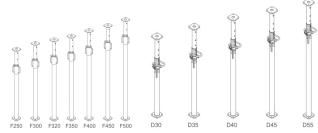
Design and technical support available.



### F SERIES & CLASSES B/C/D PROPS Certified CE-UNI EN 1065

Galvanized or painted finish; customizable colour. Wide range of classes and sizes. **F Series**: Height up to 5.00m, excellent value for money. Heavy **Props Classes B/C/D**: Height up to 5.50m, maximum quality, load capacity and durability. Factory price per volume sales.





### FORMWORK & SHORING ACCESSORIES | SAFE SYSTEM





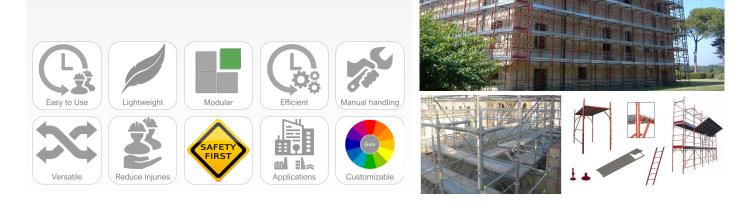


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### SCAFFOLDING

Building Scaffolding & Multidirectional Scaffolding Systems

**European scaffolding system for facades:** Maximum safety and speed for work on facades, base measurements of 1.05 x 1.80 m. **European multidirectional scaffolding system:** Maximum safety and versatility for industrial works, Oil & Gas, assembly of events, fairs and construction works.





## ELECTRIC GENERATORS

From 30 to 2000kW | 50Hz/60Hz | Single-phase and three-phase

**Diesel EURO6 Engines**: Low consumption and maintenance. **Alternator**: Self-regulated, self-exited, brushless, digital automatic voltage regulation, Class H insulation and IP 23 protection. **Generator Set**: Mounted on a steel base and anti-vibration bearings built-in fuel tank can be customized, **Supersilenced** CEE standard 60/64 dB(A) at 3m, residential type exhaust. **Eco-friendly:** KPR collects losses, with a sensor and a manual pump for oil extraction. **Control**: Manual and automatic operation without contact change, advanced integrated panel, instrumentation and protection for engine and alternator automatic control and monitoring, thermomagnetic switch, differential protection, automatic battery charging.







### QUICK ASSEMBLY HYDRAULIC CRANES

Simple, Reliable, Safe & Self-Deployable | New & Used



### TOWER CRANE

Hammerhead, Topless & Luffing Tower Cranes | New and used

Heavy lifting machinery with the right balance of performance, productivity, durability, longevity and cost.

Designed according to the Class A4 FEM1001 standard. Class A4 corresponds to the life cycle, which is double that of Class A3. The highest level of security in accordance with the most recent European standard EN14439. Design focused on comfort, maximum performance and operator safety.

Designed and built 100% in Italy for more than 150 years. Wide range of equipment and accessories available.



A4 EN 14439 C25 D25 - FEM 1.001







### CONCRETE PRODUCTION

Concrete Mixers and Concrete Batching Plants

**BAB Tipping Drum Concrete Mixers**: Effective production from 110 to 435 litres/batch. Compact, lightweight, low cost and low maintenance. Electric, Gasoline & Diesel engines. Optimum concrete quality production. Low acquisition & operation costs.

**IDR & HHR Reverse Gear Concrete Mixers**: Production from 9.0 to 25 m<sup>3</sup>/hr for small and medium-sized works. Simple and easy operation, fast production cycle and low maintenance. Separate introduction of materials, produce homogeneous and high quality concrete. Electric & Diesel engines.

TTM, TOWER & RBX Batching Plants: Production from 12 to 34 m<sup>3</sup>/hr, for small and medium housing projects, buildings, precast concrete plants and infrastructure with horizontal and planetary mixer. Easy installation, operation and maintenance.

HORIZONTAL & VERTICAL Batching Plants: 100% Automated. For large precast concrete plants, concrete supply and large infrastructure and building projects, with high production volumes from 40 to 300 m<sup>3</sup>/hr.





Concrete Batching Plants

Medium Size Concrete Production Equipment





Concrete Mixers

Concrete Batching Plants Vertical & Horizontal Concrete Plants

### MORTAR MACHINES

Mortar Mix, Pump, Plaster, Spray & Injection

**MT89 Floor Topping Machine**: Mixing and pumping machine for floor topping casting. Produces perfectly homogeneous mixtures. With a scraping shovel and self loading hopper, mixes and transfers direct to the workplace, materials as: Dry and semi-dry mortar, 15mm maximum granulometry sand, gypsum flooring materials, and clay materials. Produces up to: 4 m<sup>3</sup>/hr. Max pump height: 70m.

**B1 Mortar Machine**: Piston pumping machine for: Controlled pressure injections, wall and ceiling plastering/spraying, wall cells filling and self-consolidation wall system filling. Capacity: 1500 litters/hr. Max pump height: 30m. Granulometry Max: 6mm.

**P11 Mortar Machine**: Peristaltic pumping machine for: Regular mortar plastering, fibber insulating mortar spraying, cellular mortar plastering, self-levelling mortars pumping and cement plaster injections under controlled pressure. Capacity: up to 1.5 m<sup>3</sup>/hr. Max pump height: 15m. Granulometry Max: 6mm.













#### SELF LOADING CONCRETE MIXERS DB Series

Reduced Size

Autonomy & Mobility

**DB Series - Self Loading Concrete Mixers:** Mechanical and Hydrostatic with volumetric capacities from 1.00 to 4.00m<sup>3</sup>. Easy operation and maintenance. Increase production and reduce costs, in all types of construction projects.

Durable

30°

All terrain











Versatile

Diesel



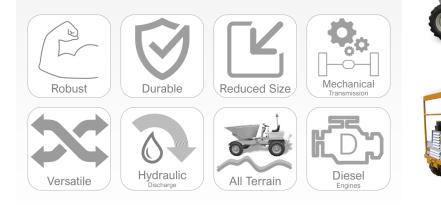
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Robust

Optimum Quality

Concre

**DM Series - Dump Trucks:** 4x2 and 4x4, articulated and rigid, capacity from 1,800 to 10,000kg. Models with front unloading, 180° unloading and self-loading shovel. Robust diesel engines for work in difficult conditions. Easy operation and maintenance. Increase production and reduce costs, in all types of construction works.











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