NEW CONSTRUCTION
THE CONSTRUCTION SITE IN YOUR HANDS

The needs on construction sites are changing: management costs must be reduced, the vehicles productivity must be continuously improved. And Dieci meets its customers new requirements, evolving its own Product Offering with a new proposal of models that completes the Construction range.

More versatile vehicles - to perform different jobs - more compact, more reliable, easy and intuitive to use, while guaranteeing the maximum safety of all times. Maintenance is very easy thanks to durable components and materials that require replacement after several hundred hours of use. Modern vehicle, even in the lines, with the new Giugiaro Design cab enriched with materials derived from Truck and Automotive sectors that enhance its interiors.

The DEDALUS models, with 2.9 to 3.0 ton load capacity and 7 to 9 meter lifting height, are particularly suitable to be used in road maintenance works, in town centers and in narrow passageways where agility is essential. The strengths of these compact and dynamic vehicles are their manageability and speed of movement. The wide range of equipment available allows to carry out various operations: with a telehandler, you have the whole construction site in your hands.
AGILE AND RESPONSIVE

WORK FAST
- Easy and intuitive to use: the boom, forward and reverse movements are controlled by a single joystick, in a precise and proportional way independent from the load, that allows you to work faster.
- Joystick with integrated PNV, with capacitive sensor to automatically detect the operator's presence.
- Extremely compact and dynamic vehicles in all operating conditions, with boom retracted or extended.
- High-performance Kubota engines: quick vehicle and responsive at every command.
- High efficiency pump: reactive boom always ready, precise and fast movements even at high power.

DEDALUS 28.7
- Height 6.25 m
- Capacity 2900 kg
- Power 79.5 kW@2200 rpm
- Mass 6500 kg

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DEDALUS 30.7
- Height 8.65 m
- Capacity 3000 kg
- Power 79.5 kW@2200 rpm
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EASY AND VERSATILE

INTELLIGENT COMMANDS
- Vehicle information and diagnostic menu browsable in the 3.5” display
- Combined with clear instrument panel and well-distributed controls
- Automatic equipment recognition: the vehicle configures itself automatically recognizing the equipment attached

WIDE RANGE OF EQUIPMENT
- The new Dedalus vehicles have been designed to use the various equipment needed to carry out all the work required by a construction site: forks, loaders, lifting hooks, jibs with winches, grippers, material baskets, mixing buckets, concrete ladles, sweepers, salt spreader, snowplow blades
- Pre-arrangement for man basket: the new CAN BUS keypad allows the operator to operate the boom and the aerial platform directly from the basket, in total autonomy and full safety (complies with the EN 280 standard)
**PRACTICAL AND RELIABLE**

**FACILITATED DRIVING AND MAINTENANCE**

- Four driving wheels and four steering wheels
- Three steering modes which can be selected by the operator: concentric, front and crab
- Hydraulics oil change every 2000 hours
- Easy to reach filters in the engine compartment
- Sturdy and durable boom assembly: tested reliability for years of multiple applications and uses
- Standard battery isolation switch, well protected and quickly accessible from the engine compartment

**STABLE AND SAFE**

- EN15000 anti-tipping system: aggravating movements blocked in the event of overload and load level always in evidence
- Arm too high function: forward movement speed limited automatically when the boom is raised
- Increased lateral stability: more rigid chassis and new tires
- ROPS and FOPS Cab: operator protection guaranteed thanks to the dimensional stability of the cab
- Automatic electric parking brake, even with the engine off: hill-start assist always available
- Microswitch Sensor under the seat: running only with driver on board

**ARM TOO HIGH**

**ROPS - FOPS**
TECHNOLOGICAL EFFICIENCY

DIECI HARDWARE AND SOFTWARE
• New control software developed by the Dieci R&D department: advanced boom, vehicle, engine, transmission and exhaust treatment control
• Hydrostatic transmission with fully electronic control
• Low consumption, high efficiency, optimized yield and maximum safety in all the vehicle conditions of use
• ECO function: maximum speed already at 1900 rpm, automatically managed by the control unit according to the power required by the operator
• High-strength steel structures produced internally by Dieci: top market performance

NEW SOFTWARE

LOW CONSUMPTION

COMFORT AND CONTROL

NEW GIUGIARO DESIGN
• New Giugiaro Design cab: fine interiors derived from the Truck and Automotive sectors
• More space for the operator’s legs
• Three seat suspension systems to choose from: mechanical, pneumatic and low frequency pneumatic
• Soundproofing roof, dashboard and mat
• Large windshields
• Integrated LED work lights for maximum visibility even at night: on the cab, boom and perimeter
• Rear-view mirrors that allow all-round visibility and optional cameras
• Direction of travel and boom controlled by the new ergonomic joystick
# TECHNICAL DATA

## ENGINE
- **Performance:**
  - Hydraulic pump type: Gear pump for power steering
  - Maximum speed (referred to permitted diameter): 40 km/h (24.9 mph)
  - Nominal power: 79.5 kW (107 HP)
  - Maximum lifting height: 6.35 m (20.8 ft)
  - Maximum capacity: 2900 kg (6393 lb)
  - Unladen weight: 6500 kg (14330 lb)
  - Maximum climb angle: 40%

## TRANSMISSION
- **Gearbox:**
  - Inching: Servo-controlled 2-speed movement with electronic pedal for controlled forward function
  - Reversal: With electronic control operated with vehicle adjustment

## DIMENSIONS
- **Maximum:**
  - Length: 8900 mm (350.4 in)
  - Width: 3289 mm (129.5 in)
  - Height: 5090 mm (200.4 in)
  - Wheelbase: 120 mm (4.7 in)

## HYDRAULIC SYSTEM
- **Hydraulic pump type:**
  - Direct drive to power steering

## Technical notes:
- The technical data is subject to change without prior notice and without prior consultation. It is provided for information and planning purposes only. The vehicle manufacturer reserves the right to change the specifications at any time without consulting the customer. The technical data is based on the latest information available. It is intended for planning purposes only and should not be considered to be a contractual specification.

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## Transmission
- Gearbox:
  - Type: Servo-controlled 2-speed
  - Movement:
    - Inching
      - Servo-controlled
    - Reversal
      - Electronically controlled

## Dimensions
- **Maximum:**
  - Length: 8900 mm (350.4 in)
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DIECI SERVICE

ASSISTANCE SERVICE ALWAYS AND EVERYWHERE

General headquarters in Emilia (Italy) - over 190,000 square meters and about 400 people employed - and 3 branches in Germany, United Kingdom, France. Dieci is present in over 70 Countries with an extensive network of over 400 dealers and authorized service centers.

Dieci Service, our global technical assistance service, is developed on this basis: our customers are assisted directly by specialized technicians and every request is satisfied in a very short time. Dieci Service, within a few hours, can provide interventions and spare parts all over the world.

Visit [www.dieci.com](http://www.dieci.com) to find the dealer closest to you.