

We THINK

We DO

We LIFT

DIECI

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DIECI

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D U E M I L A S E D I C I

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DIECI participates in the **EIMA 2016** presenting its best production of fixed boom telehandlers:

- Agri Pivot T90 - T80
- Mini Agri 25.6
- Agri Farmer 32.6 - 30.9
- Agri Star 40.7 EVO2
- Agri Max 65.8 VS EVO2
- Agri Plus 38.9 EVO2
- New accessories for **DIECI** vehicles





AGRI PIVOT T80 and T90

The AGRI PIVOT series is produced in 5 models (T40, T60, T70, T80 and T90) differentiated by increasing operating weight. AGRI PIVOT is a rubber-tired loader with articulated chassis and telescopic boom. The smallest of the series, with a capacity of 1800 kg, it is an extremely simple vehicle, compact and light, ideal for working in restricted areas, or when it is necessary to use a top performance vehicle with reasonable running costs. The engine (rear) is installed longitudinally for improved access during maintenance, with excellent lateral and rear visibility. All vital parts, such as the drive shaft and the extension cylinder, are in a protected position, pins and bushings are protected by "Long Life" seal gaskets. The Bosch Rexroth transmission is fully hydrostatic. All components are of high quality and reliability, as the power-assisted braking system and the "Inching" pedal, indispensable for full control of forward speed, even with the engine at maximum revs. The safety and lifting equipment provided include a load limiting device and the new DCS (Descent Control System), which guarantees maximum boom lowering speed, even with the engine running on minimum. The cab is one of the lowest above ground level in its category and is ROPS - FOPS approved. It is equipped with every safety device and has been designed to guarantee maximum comfort, with openable roof, enhanced climate control system, TFT color display and capacitive joystick with deadman sensor. We can equip the machine with an automatic weighing system on request.

AGRI PIVOT T90 is greater for weight, dimensions and performance, designed specifically for the great market demand of a robust and performing vehicle capable of carrying out particularly demanding tasks, with work performance decidedly superior to those of the other models. The Boom with 2 extensions has been significantly strengthened in proportion to the higher vehicle performance. It is possible to install various types of buckets, up to a capacity of 3 m³, it reaches a lifting height of 7 meters, and is equipped with boom with two telescopic sections, which allows it to keep small dimensions. The vehicle is fitted with a powerful and reliable 129 Kw FPT Stage4/Tier4 Final, Diesel Turbo Intercooler, liquid-cooled, common rail fuel injection engine.

AGRI PIVOT T80 is fitted with a powerful and reliable 105 Kw FPT Stage4/Tier4 Final, Diesel Turbo Intercooler, liquid-cooled, common rail fuel injection engine. The operating weight is 8000 kg, the maximum speed is 36 km/h and the bucket capacity (standard) is 1.20 cubic meters.



MINI AGRI 25.6

Mini Agri 25.6 is the “mini telehandler”, designed to meet the needs of “small works”: excellent for agriculture works, it is a vehicle that perfectly fits in tight and difficult spaces.

Featured by high versatility and excellent handling, **Mini Agri 25.6** can be fitted, in addition to the full range of accessories offered by the company (lifting hooks, grippers of various kinds, buckets for excavation and inert material), also with winches and baskets. The most spacious cab in its category, ROPS - FOPS approved, is designed to ensure a high level of comfort, thanks to the new doors in DSCS (Double Skin Composite System), an innovative lightweight composite material made by Dieci Research and Development center. The dual objective of significantly lightening the vehicle (improving its performance) and considerably increasing the thermal and acoustic insulation, comfort and roominess is obtained by using this material. **Mini Agri 25.6** has a maximum capacity of 2,500 kg, a maximum lifting height of 5.78 m, a total unladen weight of 4,900 kg and 4125 x 1850 x 1950 mm dimensions. It is equipped with wheels suitable for use on sites (with 12 x 16.5” tires or, alternatively, 12 x 18”) and 54.6 kw Kubota Stage IIIb engine, reaching a top speed of 30 km/h. Furthermore it is equipped with safety devices and ROPS - FOPS approved cab, designed to ensure a high comfort level: adjustable seats and steering wheels, oversized glass surfaces for maximum visibility.





AGRI FARMER 32.6 and 30.9

The **AGRI FARMER** models, produced with increasing capacities and lifting heights, are created to complement the telehandler to the tractor, thus satisfying every lifting and handling requirement in small and medium sized farms. Small and compact vehicle, **AGRI FARMER 32.6** stands out for its handling, power and precision characteristics and for its great fluidity of movement. It is powered by a Kubota Tier IV Interim/Stage IIIB, 4-cylinder Common Rail Diesel Electronic Control engine with 3.8 l displacement, with low noise level, excellent performance, low consumption, and especially equipped with a particulate reduction system with DPF (Diesel Particulate Filter). In this system, the particulate present in the exhaust gas is first blocked and then destroyed, thanks to high temperatures (600°) reached in the filtering assembly, without the need of chemical additives and related tanks, used in other systems.

The dust pre-filter separator, applied to the air filter as standard, prevents the entrance of dust and abrasive particles, always present in heavy working conditions, allow greater efficiency and engine life.

The engine hood has been specifically designed to reduce the noise emission and optimize heat dissipation, also reduced thanks to new larger radiators that allow the vehicle to operate with outdoor temperatures up to 50°.

The new FNR Joystick (also available with capacitive sensor) gathers all the vehicle functions in a single instrument: forward/neutral/reverse gear function, extension, swing and services are now easily controlled with precision and safety with a simple movement of the operator's wrist.

The cab, already at the top for comfort and roominess in previous models (ROPS - FOPS approved, with all the safety devices, designed to ensure a high level of comfort) is now enhanced with a new monochrome LCD display, to keep an eye on all the machine operating parameters, and an enhanced air conditioning system with selection of the best temperature in the cab.

AGRI FARMER 30.9 integrates all the technological solutions of version 32.6, with a greater lifting height (8.7 m.) and greater overall weight (6250 kg).



AGRI STAR 40.7 EVO2

The **AGRI STAR** range consists of powerful and compact telehandlers, designed to give the user the right balance between power and agility, wherever it is necessary to handle heavy loads in confined spaces. **AGRI STAR 40.7 EVO2** is powered by a Kubota Stage 3B/Tier4i engine with particulate reduction system DPF (Diesel Particulate Filter), the wheels are powered by the EVO2 second generation hydrostatic transmission, which allows to find always and in any working condition the best speed-power ratio, allowing an unparalleled maneuvering fluidity and millimetric precision in small movements.

This makes the vehicle particularly suitable for towing on road trailers up to 20 t at a maximum speed of 40 Km/h. Furthermore, the "INCHING" pedal, allows the vehicle to run at slow speed with engine at full throttle. It is particularly suitable for loading and unloading materials, thanks to its swing kinematic mechanism equipped with counter-lever, which allows to considerably increase the rotation angle of the fork carrier plate.

The extension cylinder located inside the boom also improves visibility and safety in use. The cab, ROPS -FOPS approved, equipped with all the safety devices and designed to ensure a high level of comfort, is equipped with an enhanced air conditioning system with selection of the best temperature in the cab. To further enhance comfort, new seats with automatic suspension can be installed on request.

The maximum capacity is 4,000 kg, the maximum lifting height is 7.20 m.





AGRI MAX 65.8 VS EVO2

The **Agri Max** range includes agile and compact vehicles whose main feature is power coupled to the load capacity. They are ideal for work environments where there is the need to handle large volumes while reducing cycle times, such as nurseries, mills, producers of grain or feed, and recycling. Intermediate model of the range, **Agri Max 65.8 VS EVO2** is a powerful, robust and stable vehicle, particularly suitable for heavy duty work and handling of heavy and bulky materials through specific equipment and attachments for every need. Thanks to its swing kinematic mechanism with counter-lever it can ensure a large angle of rotation of the fork carrier plate, therefore ideal for use in the recycling sector. Furthermore, the boom can be equipped with the exclusive anti-pitching "Easy Ride" system, which allows driving on rough terrain neutralizing oscillations even under load.

Agri Max 65.8 VS EVO2 is equipped with "INCHING" pedal, which allows the vehicle to run at slow speed even with engine at full throttle, Vario System EVO2 transmission (with 4 driving modes "Automotive", "Loader" "Creeper" and "ECO") and proportional 4 in 1 Joystick combined with "load sensing" variable flow pump, which increases the movement speed and allows to carry out 4 simultaneous movements. The engine hood has been designed to reduce the noise emission and optimize heat dissipation. The engine is a powerful and reliable FPT Stage3b/Tier4i, liquid-cooled Turbo Diesel Aftercooler with common rail fuel injection, available in 96kW and 103kW versions. The maximum capacity reaches 6,500 kg, the maximum lifting height reaches 7.70 meters.



NEW ACCESSORIES FOR DIECI VEHICLES

The main features of DIECI products can be summarized in three concepts: Reliability, Durability and advanced Technology, three simple words that always represent the standard of all our vehicles. A standard never taken for granted, maintained at the cost of a continuous commitment to research and technological innovation. The heart of this production philosophy is our Technical Department, a close-knit team of experienced engineers who design machines intended for different uses in every corner of the globe, supported by supervisors who carry out a kind mediation action between customers, interpreting their needs, and the Technical Department, which studies and creates the most suitable solutions to meet customer needs. A philosophy that is not limited to vehicles only, but also to accessories, essential "working tools" through which the vehicles show their potential. The extensive line of DIECI accessories today is enriched with some new models:

Increased Extra Bucket, Bucket with grab for manure, Bucket with grab for silage, Fork for forage with grab

Designed in compliance with the most recent European Regulations in the field of Safety and load Compliance, the new accessories are characterized both by the high construction quality (significant technological solutions and use of high-quality anti-wear steels) and by the exclusive design. The extreme affinity to the characteristics of DIECI vehicles, makes these able to always operate at maximum potential. In addition, the standardization of the components used in the various models, makes any spare part available with extreme rapidity, thanks to the wide availability of parts in stock, allowing to maintain extremely competitive prices.



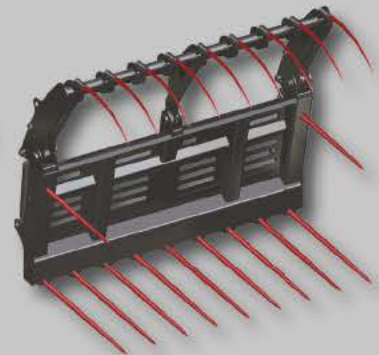
• Increased Extra Bucket



• Bucket with grab for manure



• Bucket with grab for silage



• Fork for forage with grab

AGRI PLUS 38.9 VS EVO2

AGRI PLUS is a fixed-boom telehandler with a specific vocation for heavy and intensive use. It is equipped with an innovative FPT Tier IVi (Stage 3b), 4.5-liter Diesel Turbo Aftercooler Common Rail engine with fully electronic control and available in two engine sizes, 105 kW (141 hp) or 113 kW (153 hp). The power is delivered to the wheels by the innovative second generation VS EVO2 hydrostatic (Continuously Variable) transmission, DANA brand, comprising a hydrostatic pump coupled to two piston hydraulic motors, designed to achieve high speed on the road (from 0 to 40 Km/h) while maintaining a high traction force. A multi-plate oil bath clutch disconnects, as needed, one of the two hydraulic motors, always maintaining the system highest level of efficiency. The VS EVO2 transmission combined with the electronic management, allows obtaining fuel savings up to 20%. The vocation of **AGRI PLUS 38.9 VS EVO2** for heavy use is expressed especially in the lifting equipment: the new DCS (Descent Control System) ensures maximum boom descent speed even with engine running on minimum allowing the new **AGRI PLUS** to have exceptional maneuverability and greater comfort for the operator, with more precise movements, more responsive vehicle at the movement start and greater stability under all conditions. Furthermore, the machine is less prone to the environmental conditions and is ready and efficient even when the hydraulic oil is cold. The gear reversing can be integrated into the joystick, so it is easier to control the travel phases in a more convenient and comfortable way. **AGRI PLUS** is also approved for towing on road trailers up to 20 tons at a maximum speed of 40 Km/h.



eima 50 years of success



It was 47 years ago on 12 November 1969 that the then Italian Minister of Industry, Domenico Magri, inaugurated the first edition of EIMA. Bologna was chosen to stage the event due to its new fair district (opened in 1965) and strategic location, at the centre of Italy's industrial heartland, which was already well served by a dense rail and motorway infrastructure. Even the decision to hold the event in November was carefully considered: the fair coincided with the winter farming break so that operators could attend it and facilitated production scheduling by manufacturers in response to orders received at the fair. Following the economic boom in the 1950s (which also had negative after-effects such as urbanisation and the abandonment of the countryside), the agricultural sector had to cope with similarly profound changes: a lack of manpower, the development of new farming techniques and increasing industrialisation, although one positive impact of this was the marked development of agricultural mechanisation. It is within this context that EIMA was created, thanks to an idea by UNACOMA (the Italian National Union of Agricultural Machine Manufacturers). The international credentials of the event were apparent right from that first edition, which was attended by delegations from numerous countries, including those of the Soviet bloc (Bulgaria, Czechoslovakia, Poland, Romania and Hungary) and emerging nations (Congo, South Korea, Philippines, Taiwan, Iran, Malaysia, South Africa and Thailand). Alongside the exhibition part, a series of conferences on agricultural mechanisation was held by researchers of CNR, the Italian National Research Council. Nearly 50 years have passed since that first exhibition and today EIMA has become a major date in the industry's calendar, second only to Agritechnica in Hanover and SIMA in Paris. The 2014 event holds the record for the best attended edition, with over 235,000 visitors, but given the continuous increase in quantity, and especially quality, all the indications point to the achievement of further milestones in the future.

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