



DIECI

AGRI PLUS

42.7 | 40.9



ABSOLUTE QUALITY *EXCELLENCE ON A HUMAN SCALE*

The characteristics of Dieci products can be summarized in three concepts that have always been the hallmark of each vehicle: **technology, reliability** and **durability**.

A range of products that aim at excellence, developed around who uses them: man. We work every day to evolve our machines, adopting the best solutions based on our research, advice and experiences with our customers.

The result is the technological content of the vehicles we produce: the set of components and their set-up guarantee an **optimal performance** level. The result is a style that stands out, because we believe that our identity is our strength.

The **AGRI PLUS** top-level Agri machines range has been redesigned on a human scale: with the new futuristic cab signed by Giugiaro Design and important interventions on comfort and performance. We have provided farmers with a **top-quality telehandler**.

EXCLUSIVE COMFORT *ITALIAN DESIGN AND STYLE*

Dieci telehandler cabs have always been a combination of **comfort** and **functionality** linked with the **style** which makes us stand out all over the world. In the NEW 2018 CAB we wanted to enhance the Made in Italy with the touch of one of the most famous Italian Designers: **Giugiaro Design**.

The interiors are made of **soft touch materials** obtained from the Automotive sector, extremely soft to the touch, which ensures excellent **thermal and sound insulation**, in addition to **significantly reducing vibrations**. Aesthetics and quality combine with functionality: the passenger compartment is particularly bright thanks to the matching of soft colors and the backlighting of the pedal group, switches and access ladder. Full light and visibility also outwards, with a generous window that allows an **excellent 360° view**, LED work lights on the cab, perimeter and boom, electrically adjustable and heated wing mirrors and three wireless cameras that also inspect the most hidden points.

We want to offer the best comfort to operators, for this we have amplified the traditional comfort of the Dieci cabs with wider spaces for the legs, adjustable steering wheel and armrest, the choice of three different seat suspension systems and a **new cab shock absorption system**, unique in the telehandlers sector, able to effectively dampen the most annoying oscillations of the most uneven ground.

Finally, from research and advanced fluid dynamics studies, we have developed the new **air conditioning system** that, together with the openable roof and rear glass, ensures an optimized air distribution in order to regulate the ideal temperature in every season of the year.



FULL COMFORT

LARGER

- Improved ergonomics and accessibility: more space for the operator's legs

MORE COMFORTABLE

- Cab with hydraulic shock absorbers: shocks fully absorbed
- Adjustable steering column and armrest, heated seat with 3 suspension system options: driving on a comfortable seat

INTERIOR DESIGN

PRECIOUS TOUCH

- Precious soft-touch interiors obtained from the Automotive industry

THE NOISE OUTSIDE

- Soundproofed roof, instrument panel and mat insulate the cab from noise



TOTAL VISIBILITY

PANORAMIC VIEW, ALWAYS

- Large windows: optimal visibility in all directions
- Integrated LED work lights: better view, consume less, last longer
- Headlights everywhere: perimeter, on the boom and on the boom head

EVERYTHING UNDER CONTROL

- 7" color graphic display
- Navigation encoder
- Electrically adjustable and heated wing mirrors
- 3 wireless cameras: rear, right side and boom head in a 7" display



PERFECT CLIMATE

ALWAYS THE RIGHT TEMPERATURE

- Optimized air flows: 6 vents available, openable rear glass and roof, integrated electric lateral window
- Quick demisting of the windows

DOUBLE AIR FILTER

- Operator protected against dust and odors



PURE TECHNOLOGY

POWER AND CONTROL

Man operates, technology empowers and controls. The new agricultural range is designed on a fully integrated and **advanced electronic vehicle management system**: an exclusive Dieci feature. All the machine control functions (RPM control, speed and diagnostics) refer to a **single control** unit that measures the optimal working parameters through in-depth diagnostics, displaying them in real time, allowing the operator to always have **everything under control**.

The tilting capacity and force have been increased, the boom can be fully operated on the dashboard with a **new joystick**, which also incorporates the fwd/rev selector (FNR reverse shuttle), for easier and more practical direction control.

Also the **frame** features new strength, while the **Vario System transmission** guarantees power, reactivity and control in maneuvers thanks to the integrated electronic management.

EVOLUTION OF THE FAMILY



AGRI PLUS 42.7

↑ Maximum height 6,9 m

📊 4,2 t capacity



AGRI PLUS 40.9

↑ Maximum height 8,9 m

📊 4 t capacity

ADVANCED TELESCOPIC BOOM

ELECTRONIC COMFORT, TECHNOLOGICAL POWER

- Reinforced boom made of High Resistance Steel: more reliable
- Extension cylinder with closing shock absorber: more comfort
- Suspension electronic control according to the speed and height
- Load Sensing - Flow Sharing Distributors: more simultaneous movements for a more efficient work
- Direction of travel and boom controlled by the new CAN-bus joystick



ATTACHMENT HOLDING PLATE

NEW ATTACHMENT HOLDING PLATE

- Reinforced in casting
- Counter-lever articulation: greater tilting angle

NEW AUTOMATIC COUPLING SYSTEM

- Tools recognition without manual operations: easier, maximum safety
- Immediate machine setting for different uses

HYDRAULIC ACCESSORIES LOCK

- Double cylinder, double action, maximum stability



VARIO SYSTEM TRANSMISSION

STRONG AND FAST

- Maximum speed 40 km/h

CRUISE CONTROL

- Electronic accelerator and limiter

4 DRIVING MODES:

- Normal
- ECO
- Creeper
- Loader







POWER *FAST, ACCURATE AND ECOLOGICAL*

Power, up to 153 hp, but above all **high performance**: this is the spirit of the new engines that drive AGRI PLUS family. Cutting-edge engines with fully electronic control, to optimize **power output and efficiency**. Its 4485 CC displacement develops an impressive torque at only 1800 rpm. All without renouncing to long lasting reliability and **respect for the environment**, with DOC and SCR systems to reduce atmospheric emissions according to Stage 4/Tier 4F regulations.



ENGINE

HIGH PERFORMANCE

- Torque of 636 Nm at only 1500 rpm

ELECTRONIC EVOLUTION

- Complete electronic control: optimized output and efficiency

LONG AUTONOMY

- New top-of-range tank: 175 liters of fuel

CLEAN POWER

MINIMUM EMISSIONS

- Stage 4/Tier 4F system
- DOC+SCR catalysts
- 35 liter Urea tank

HYDRAULIC SYSTEM

DOUBLE GEAR PUMP WITH ENERGY SAVING SYSTEM

- Boom readiness and reactivity
- Precise and fast movements, even at high power
- 230 l/min @ 2200 rpm

THE MAN FIRST

WE SIMPLIFY YOUR WORK

MAINTENANCE

We make the vehicle as the customer wants it!

Dieci, thanks to more than half a century of experience in the telehandler sector, is proud to apply this constructive philosophy: we accept the advice of those who have already contacted us and we think about how to simplify work on a Dieci vehicle.

For the new agricultural range we have completely redesigned the **engine compartment**, with an attractive design that integrates large rear and lateral openings in the hood, so that it can be accessed more easily. Inside, the optimal arrangement of components will make **maintenance quicker and more convenient**.

The radiators are easier and faster to clean, as the new unit makes more accessible. Lubricating operations are easier and faster thanks to the automatic system. Easy life even in the passenger compartment: the air filter can be reached without any tools, while the perfectly sealed electrical system remains protected from water and dust. Also the interventions required for the change of hydraulic oil are minimal, as they are necessary only every 2000 hours of operation.



DIECI SERVICE

Dieci Service is our technical assistance service present across the world, through an **extensive network of dealers** and authorized service centers. Our customers are assisted directly by specialized technicians and every request is satisfied in a very short time: thanks to the use of automated warehouses, Dieci Service can provide, within a few hours, interventions and spare parts all over the world.

Visit www.dieci.com to find the dealer closest to you.

DEALERS 400

COUNTRIES 70

BRANCHES 3

TECHNICAL DATA

PERFORMANCE

Machine model	AGRI PLUS 42.7 VS EVO2	AGRI PLUS 40.9 VS EVO2
Maximum capacity	4200 kg (9259 lb)	4000 kg (8818 lb)
Maximum lifting height on wheels	6,9 m (22,6 ft)	8,9 m (29,2 ft)
Pull-out force	6000 daN (13489 lbf)	6000 daN (13489 lbf)
Towing force	8200 daN (18434 lbf)	8200 daN (18434 lbf)
Maximum climb angle	60%	60%
Unladen weight	8500 kg (18739 lb)	8800 kg (19401 lb)
Max speed (referred to wheels with maximum permitted diameter)	40 km/h (24,9 mph)	40 km/h (24,9 mph)

ENGINE

Brand	FPT
Nominal power	103 kW (138 HP)
@rpm	2200 rpm
Peak power	114 kW (153 HP)
@rpm	1800 rpm
Displacement	4485 cm ³ (274 in ³)
Emission standards	Stage IV/Tier 4f
Exhaust gas treatment	DOC+SCR (AdBlue)
Intake	16-valve turbo compressor, aftercooler

HYDRAULIC SYSTEM

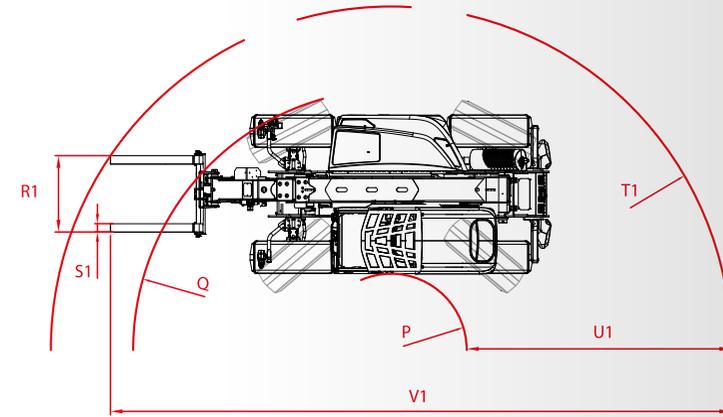
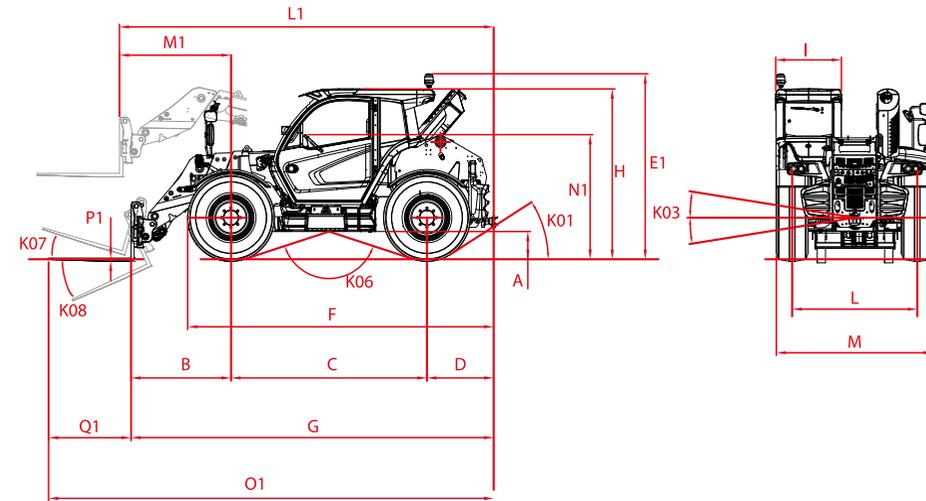
Hydraulic pump type	No. 3 gear pumps for power-steering, movements and Fan Drive and automatic fan reversal
Hydraulic pump capacity	230 L/min (60,8 gal/min)
Max. operating pressure	25,5 MPa (3698 psi)
Distributor control	4in1 proportional Joystick with FNR

TRANSMISSION

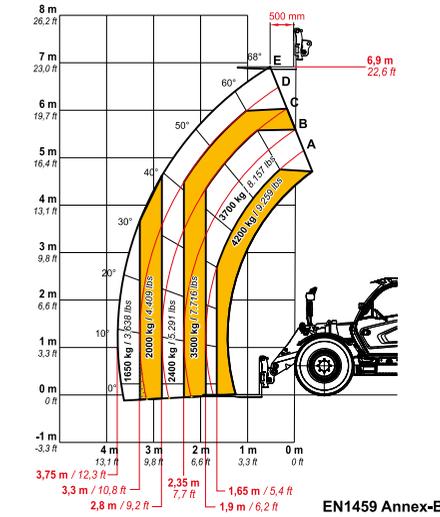
Transmission type	Hydrostatic single speed Vario System EVO2 with electronic control
Reversal	With electronic control operated with vehicle in motion
Inching	With electronic pedal for controlled forward movement
Drive mode	Automotive, Eco, Loader, Creeper

DIMENSIONS

	AGRI PLUS 42.7 VS EVO2	AGRI PLUS 40.9 VS EVO2
A	360 mm (14,2 in)	360 mm (14,2 in)
B	1382 mm (54,4 in)	1456 mm (57,3 in)
C	2850 mm (112,2 in)	2850 mm (112,2 in)
D	971 mm (38,2 in)	971 mm (38,2 in)
E1	2630 mm (103,5 in)	2630 mm (103,5 in)
F	4452 mm (175,3 in)	4452 mm (175,3 in)
G	5203 mm (204,8 in)	5275 mm (207,7 in)
H	2410 mm (94,9 in)	2410 mm (94,9 in)
I	960 mm (37,8 in)	960 mm (37,8 in)
K01	33°	33°
K03	9°	9°
K06	144°	144°
K07	16°	16°
K08	131°	131°
L	1870 mm (73,6 in)	1870 mm (73,6 in)
L1	5375 mm (211,6 in)	5444 mm (214,3 in)
M	2290 mm (90,2 in)	2290 mm (90,2 in)
M1	1554 mm (61,2 in)	1623 mm (63,9 in)
N1	1755 mm (69,1 in)	1755 mm (69,1 in)
O1	6403 mm (252,1 in)	6475 mm (254,9 in)
P	1099 mm (43,3 in)	1099 mm (43,3 in)
Q	3753 mm (147,8 in)	3753 mm (147,8 in)
R1	1100 mm (43,3 in)	1100 mm (43,3 in)
S1	120 mm (4,7 in)	120 mm (4,7 in)
T1	4887 mm (192,4 in)	4951 mm (194,9 in)
U1	3787 mm (149,1 in)	3851 mm (151,6 in)
V1	8892 mm (350,1 in)	9034 mm (355,7 in)
P1	50 mm (2 in)	50 mm (2 in)
Q1	1200 mm (47,2 in)	1200 mm (47,2 in)



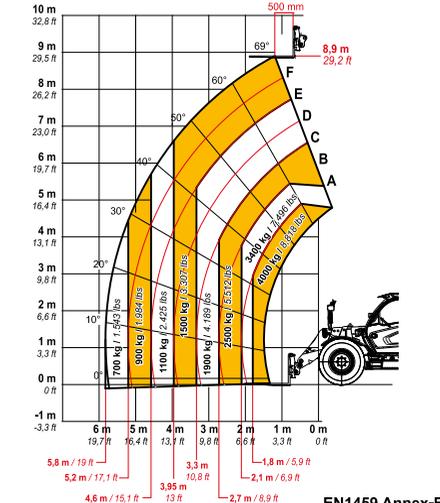
MAX
4200 kg / 9259 lb



EN1459 Annex-B

AGRI PLUS 42.7

MAX
4000 kg / 8818 lb



EN1459 Annex-B

AGRI PLUS 40.9

DIECI, A STRONG COMPANY

EXPERIENCE FOR INNOVATION

We design and build work vehicles since 1962, and today we are recognized as one of the most important global players.

Proudly Italian, with general headquarters in Emilia Romagna of over 135,000 square meters and about 400 people employed, thanks to 3 European branches in Germany, United Kingdom, France and a global network of over 400 dealers, Dieci is present in over 70 countries.

Research and development of innovative technologies, training and customer care are incessantly at the center of our activities: the result of this constant commitment is realized in an offer that includes 159 models in production, including agricultural, construction, industrial and special vehicles.

In the last 2 years we have renewed 80% of the product range, to offer our customers increasingly advanced, performing, reliable and safe solutions.

Today we introduce the new agricultural range, 4 families and 15 models with major upgrades on comfort and design, to **give value to the most important element: man.**

1962 **FOUNDED**

135.000 **m²**

400 **EMPLOYEES**

159 **MODELS**

19 **FAMILIES**



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DIECI

www.dieci.com

