

## **AGRI PIVOT**

#### THE MOST VERSATILE

The articulated vehicle with **great capacity** and telescopic boom that can meet every need.

Great agility, precise movements, excellent visibility, maximum power to the wheels and to the boom, absolute comfort: are just some of the reasons that make **Agri Pivot** essential.

The new generation, high performance ecological engines, with fully electronic control, deliver all the power you need with the lowest consumption of its category.











#### **RELIABLE AND PRODUCTIVE!**

6 models, a wide range of dedicated high quality attachments and components ensure a high performing level in all working conditions.

#### Compact Flexible and Powerful.

All equipped with cutting-edge Intuitive technologies and large control display that provides all the operational information in real time. **Great performance for Great Results**.

#### CONCEPT

Hydrostatic transmission, central double-joint articulation with total steering angle of  $80^{\circ}$ , oscillating rear axle with a total range of  $25^{\circ}$ , large output angle (>30°) and moment limiter make

Agri Pivot T 80

mass 8000 kg

129 hp 4.47 m

Agri Pivot T 70 112 hp 4.3 m capacity 3000 kg mass 7150 kg



Agri Pivot an extremely handy, reliable and safe machine.

Possibility of coupling different accessories (engine) for the same model.



#### DPF and SCR engines with **AdBlue**

Fuel consumption is drastically reduced thanks to the new engines of latest generation, with fully electronic control.

The adoption of the latest exhaust gases treatment technologies such as **DPF** and **SCR** with **AdBlue** allow Agri Pivot to comply with the restrictive antipollution standards Stage 3A - 3B/Tier 4i - Stage 4/Tier 4 Final.







#### **SPEED**

Up to 40 km/h (limited by regulations) with high tractive power. Rapid acceleration and maneuvering in total safety.

#### **PIVOT SYSTEM**

The ingenious two-pin articulation system gives Agri Pivot exceptional stability and robustness.

This particular solution also protects wiring and drive shaft inside the joint from accidental impact.

#### **INCHING PEDAL**

An essential control when movements must be slowed right down or stopped and maximum hydraulic power is required for the equipment in use.

The servo-assisted service brake ensures safe and modulated braking, while reducing stress on the pedal.

#### **FULL TRACTION CONTROL**

The innovative electronic engine/transmission control system allows progressive speed control in all working conditions.

### ISO 24410 UNIVERSAL MOUNTING FRAME

Available as an option, in mechanical or hydraulic version, it is used to achieve full interchangeability of all the attachments normally used for Skid Loaders (models T40 T50 T60 only).

#### >30° OUTPUT ANGLE

There are no obstacles. In earth moving and off-road operations, the **LARGE** >30° output angle makes the Agri Pivot unstoppable.









#### **ABSOLUTE COMFORT**

It's the first thing you notice on board an Agri Pivot. The intelligently designed control layout makes the machine simple, intuitive and comfortable to use. Unparalleled technology with the new **on-board computer**.

The display shows clearly and in real time all the information necessary to operate the vehicle.

The **semi-automatic climate control** with 7 air vents, the sunroof and the total or partial opening of the 2 doors allow better ventilation during work.



The two large doors with 180° opening, makes it easier and safer to access the driver's seat.

Inside the cab everything has been designed in order to make work easier for the operator.

Soundproofing, adjustable steering wheel height and depth, storage compartments and various accessories such as radio, sunshade and pneumatic ergonomic seat allow to operate in conditions of total comfort.

The front curved glass, the windscreen wiper that cleans the upper section, the large glass surfaces and the raised driver's seat contribute to achieve an unparalleled 360° view also with raised boom.







## ALL THE CONTROLS IN ONE HAND with absolute precision.

The 4-in-one joystick, standard equipment on all models, provides integrated control of the vehicle. The integral travel direction reversing control (optional) allows rapid shuttling between forward and reverse.

The compensated flow sharing control valve allows simultaneous operation of all movements.

#### **EASY DUMPING**

The exclusive and compact **swivel** mechanism, specifically designed to increase the service angle, is particularly valuable when recalling the bucket to the ground and unloading at maximum height.

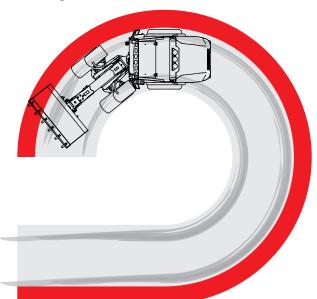




## FOOTPRINT DIMENSIONS = VEHICLE DIMENSIONS

The central articulation system is craftily and smartly designed by **DIECI** engineers as it allows excellent control by the operator when maneuvering.

The machine footprint is always determined by the front or rear wheels, ensuring that the operator will never hit obstacles with the vehicle rear when operating.





#### **AGILITY**

The high-efficiency steering system ensures that even under high load conditions the steering always feels light and responsive.

The steering is performed by 2 hydraulic cylinders that make the maneuver uniform and compact in the two directions.

#### **EASY RIDE**

Developed by **DIECI** design engineers, the sophisticated pneumohydraulic suspension system installed on the boom (optional) drastically reduces oscillation when traveling over rough terrain.

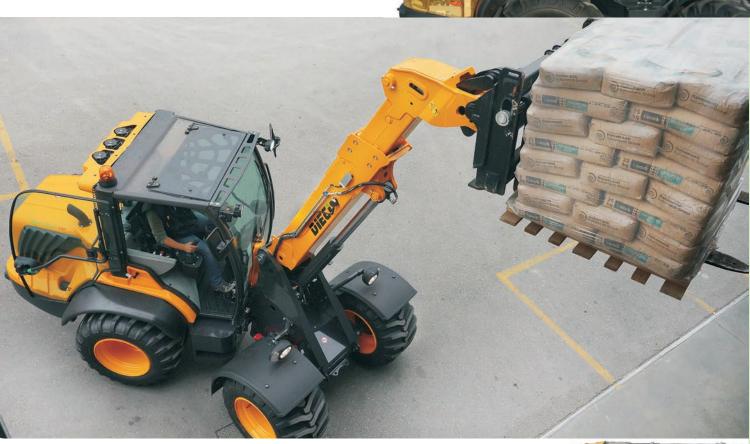


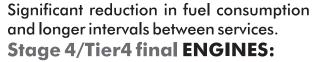


#### Stage 3B/Tier 4i ENGINES

Turbo Diesel Aftercooler Engines Common Rail with fully electronic control.

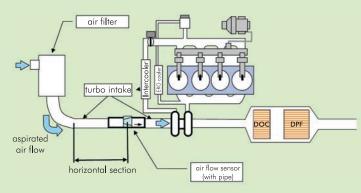






Updated with the latest regulations, reduced emissions up to 90% due to particulate removal and 50% less nitrogen oxides.



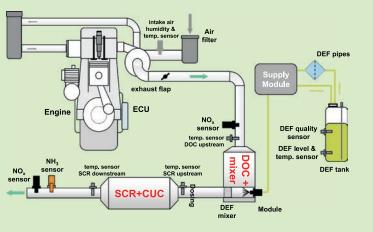


#### **DIECI FOR THE ENVIRONMENT**

A leap forward into a cleaner, more sustainable future.

Dieci has chosen full electronic management of fuel injection, turbo pressure, torque, engine rpm, engine brake, starter safety release, monitoring, diagnostics and the SCR (AdBlue) or DPF system for the treatment of exhaust emissions.

Enhanced performance, lower fuel consumption, reduced engine oil contamination and longer intervals between services.





#### **PIVOT SYSTEM**

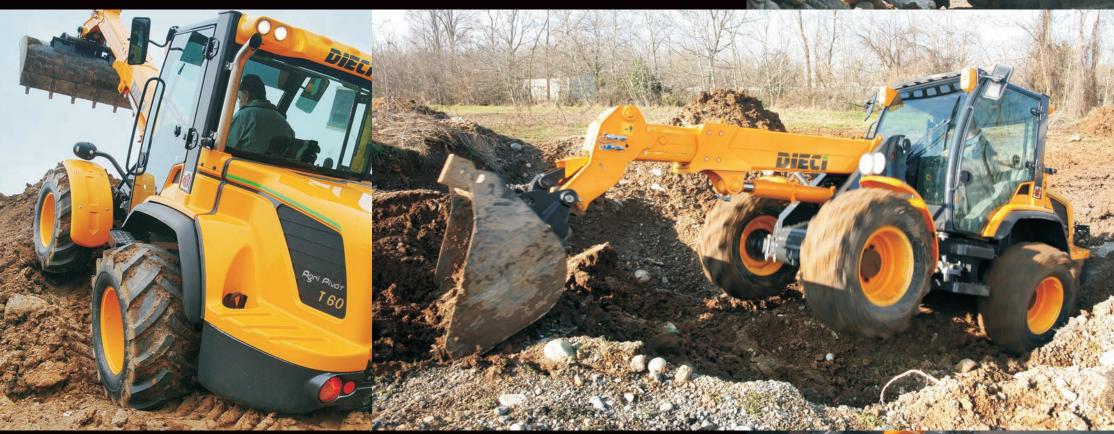
Exceptional result obtained by the staff of Dieci engineers for the central double-joint articulation with  $80^{\circ}$  steering angle.

Two joints with high resistance, grease lubricated pins and bushings,

and guarantee of perfect seal with LONG LIFE gaskets.

Incredible robustness: even in extreme situations the joint does not undergo deformation. Flat bottom and drive shaft positioned within the joint allow the operator to work any terrain in total peace of mind.





#### **REAR OSCILLATING AXLE**

This system allows the perfect adaptability to any type of terrain, always ensuring four support points and maintaining maximum lateral stability as on a flat ground.

Rear oscillating axle,  $>30^{\circ}$  output angle, boom in central position and with the many stability sensors it is possible to operate in extreme conditions in total safety.







#### **HYDRAULIC SYSTEM**

The new hydraulic pumps, with flow rate from 65 to 114 l/1', ensure greater speed of execution of the maneuvers and processing times **reduction up** to 20%.

#### **QUICK DEP**

System for depressurising the hydraulic service couplers: makes the connection of implements easy and effortless.





#### **ON-BOARD COMPUTER**

Advanced instrumentation with a large display and intuitive icon-based interface that provides comprehensive and detailed information. Constant monitoring of operating conditions and in-depth diagnostics using real-time data.





#### **MAINTENANCE**

All the available spaces are properly exploited to house the fuel and AdBlue tanks in a safe and accessible position.

Routine maintenance to the engine is facilitated by the hinged hood.

#### **1000 HOURS**

Engine oil replacement every 500 hours and periodic maintenance for all components such as filters and moving parts every 1000 hours.

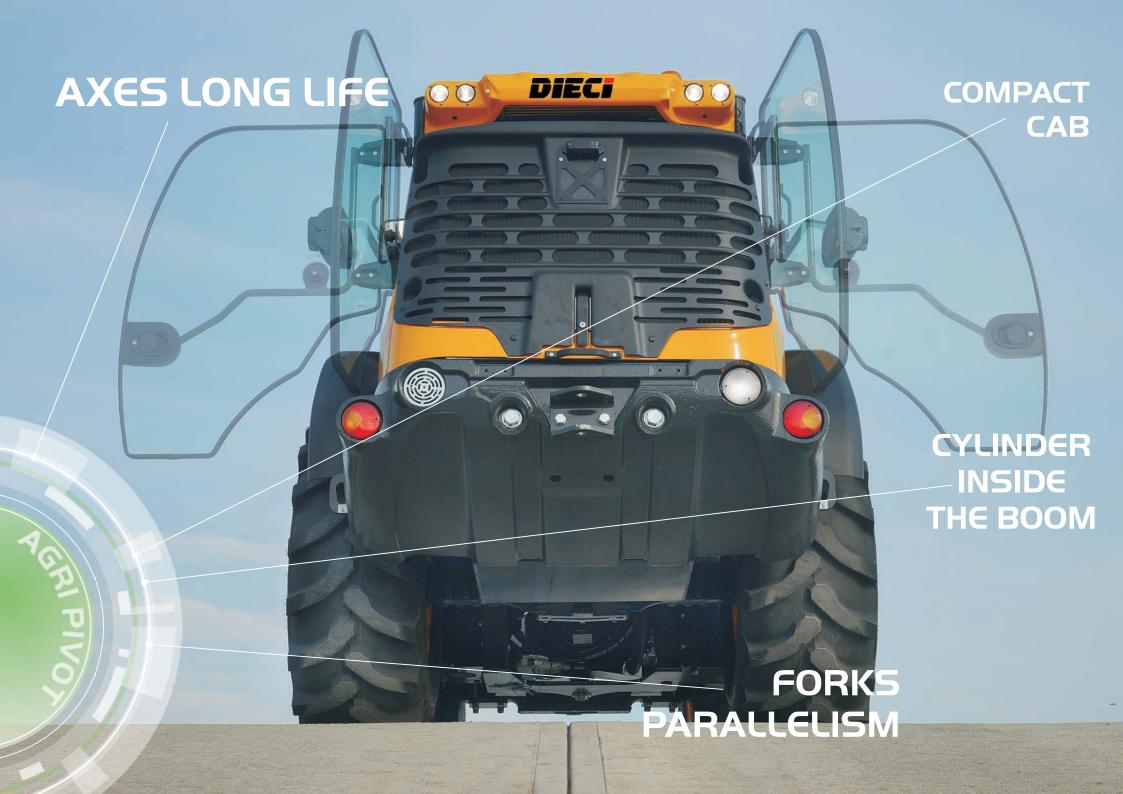
Longer work cycles, less stops, greater productivity.





#### **CAMERA** MAXIMUM CONTROL

The cameras (optional) provide a millimetric view on the screen facilitating the load and movement operations.





#### **AXES LONG LIFE**

Axes et douilles ont été installés sur les points d'articulation du Pivot et sont graissés et retenus par des joints type LONG LIFE.

#### **ATTACHMENTS PARALLELISM**

The compensation system allows to automatically maintain the attachments parallel to the ground during the boom lifting and lowering operations.





#### **POWER INSIDE**

The boom positioned centrally with respect to the machine and the extension cylinder arrange inside it ensure better visibility, without risk of accidental impacts.

#### **COMPACT CAB**

The DIECI research and development department designed the lowest cab of the category keeping the driving seat in raised position and obtaining the perfect combination of visibility and compactness.





ROPS-FOPS approved cab designed with safety cell to prevent deformation in the event of vehicle overturn or a heavy load falling on the cab.

#### **STURDY CHASSIS**

The chassis, with a strong visual impact, unmistakably characterizes Agri Pivot Dieci, the **oversized** structure confers rigidity and total safety even under the most stressful conditions.

The machine is thus totally **free** of vibration and flexure.





#### **ANTI-TIPPING SYSTEM**

Every Dieci machine is equipped with a torque limiter that analyzes vehicle stability in real time and inhibits any aggravating movements when the preset safety limits are reached.

**Hydraulic servo brake** as standard on all models to assist the vehicle stopping in the most extreme conditions.

The **Joystick** is equipped with a **capacitive deadman sensor** which, combined with the operator presence sensor in the seat, prevents accidental operation.



# MADE IN ITALY







## FOR THE WORLD

**DIECI,** with more than half a century of experience and continuous development, achieves the **perfect vehicle** for every need.

Our Technical Assistance Service maintains a world-wide presence through an extensive network of authorized service centers and dealers.

The automated spare parts warehouses and the direct assistance with the user, provide a very short time of intervention.

**DIECI**, within a few hours, can provide worldwide both spare parts and qualified staff.

#### Warranty

DIECI offers customized warranty extension packs for components and durability.



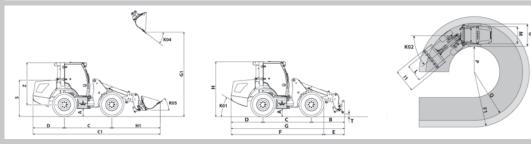




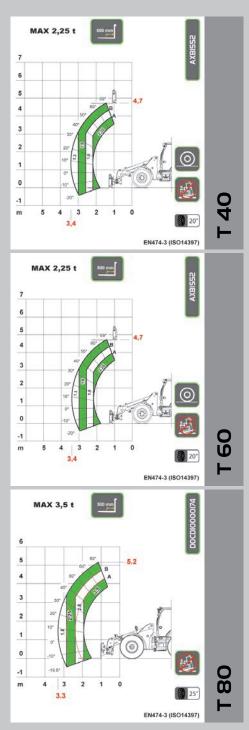
PERFORMANC Machine model	AGRI PIVOT T40	AGRI PIVOT TEO	AGRI PIVOT T60	AGRI PIVOT T70	AGRI PIVOT T80
		AGRI PIVOT T50	6020 kg (13272 lb)	AGRI PIVOT T70	8000 kg (17637 lb)
Operating weight with standard bucket and quick coupling	4950 kg (10913 lb)	6020 kg (13272 <b>l</b> b)	0020 kg (132/2 lb)	7150 kg (15763 <b>l</b> b)	5000 kg (17637 lb)
Standard bucket capa- city	0,75 m <sup>3</sup> (26 ft <sup>3</sup> )	0,85 m³ (30 ft³)	0,85 m <sup>3</sup> (30 ft <sup>3</sup> )	1,10 m <sup>3</sup> (39 ft <sup>3</sup> )	1,20 m <sup>3</sup> (42 ft <sup>3</sup> )
Pull-out force	4075 daN (9161 <b>l</b> bf)	4800 daN (10791 <b>l</b> bf)	4800 daN (10791 lbf)	6000 daN (13489 lbf)	6700 daN (15062 <b>l</b> bf
Towing force	3400 daN (7644 <b>l</b> bf)	4600 daN (10341 <b>l</b> bf)	5700 daN (12814 <b>l</b> bf)	6000 daN (13489 lbf)	6500 daN (14613 <b>l</b> bf
Maximum climb angle	60%	70%	80%	70%	60%
Max speed (referred to wheels with maximum permitted diameter)	22 km/h (13,7 mph)	30 km/h (18,6 mph)	40 km/h (24,9 mph)	40 km/h (24,9 mph)	36 km/h (22,4 mph)
Retracted in line tip- ping load	3600 kg (7937 <b>l</b> b)	4050 kg (8929 lb)	4050 kg (8929 lb)	4800 kg (10582 lb)	6100 kg (13448 lb)
Retracted articulated tipping load	3200 kg (7055 lb)	3575 kg (7882 lb)	3575 kg (7882 lb)	4250 kg (9370 lb)	5400 kg (11905 lb)
Extended in line tip- ping load	2100 kg (4630 lb)	2350 kg (5181 lb)	2350 kg (5181 lb)	2500 kg (5512 lb)	3200 kg (7055 <b>l</b> b)
Extended articulated tipping load	1850 kg (4079 lb)	2050 kg (4519 lb)	2050 kg (4519 lb)	2350 kg (5181 lb)	2800 kg (6173 <b>l</b> b)
Operating load EN474.3 (80%) retrac- ted	1800 kg (3968 lb)	2250 kg (4960 lb)	2250 kg (4960 <b>l</b> b)	3000 kg (6614 lb)	3500 kg (7716 <b>l</b> b)
Operating load EN474.3 (60%) retrac- ted	1350 kg (2976 <b>l</b> b)	1700 kg (3748 <b>l</b> b)	1700 kg (3748 <b>l</b> b)	2300 kg (5071 lb)	2600 kg (5732 <b>l</b> b)
Operating load EN474.3 (80%) exten- ded	1250 kg (2756 <b>l</b> b)	1400 kg (3086 lb)	1400 kg (3086 lb)	1650 kg (3638 lb)	1800 kg (3968 <b>l</b> b)
Operating load EN474.3 (60%) extended	950 kg (2094 lb)	1050 kg (2315 lb)	1050 kg (2315 <b>l</b> b)	1300 kg (2866 lb)	1400 kg (3086 lb)
ВООМ					
Machine model	AGRI PIVOT T40	AGRI PIVOT T50	AGRI PIVOT T60	AGRI PIVOT T70	AGRI PIVOT T80
Lifting	7,3 s	5,2 s	5,2 s	5,3 s	5,3 s
Lifting	7,53	· ·	3,2 3	5,5 5	5,5 3
Getting off the basket	3,8 s	2,8 s	2,8 s	3,0 s	3,0 s
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Getting off the basket	3,8 s	2,8 s	2,8 s	3,0 s	3,0 s
Getting off the basket Extension	3,8 s 2,5 s	2,8 s 2,4 s	2,8 s 2,4 s	3,0 s 2,3 s	3,0 s 3,2 s
Getting off the basket Extension Retraction	3,8 s 2,5 s 1,4 s	2,8 s 2,4 s 1,3 s	2,8 s 2,4 s 1,3 s	3,0 s 2,3 s 1,2 s	3,0 s 3,2 s 1,8 s
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling	3,8 s 2,5 s 1,4 s 2,2 s	2,8 s 2,4 s 1,3 s 1,8 s	2,8 s 2,4 s 1,3 s 1,8 s	3,0 s 2,3 s 1,2 s 2,1 s	3,0 s 3,2 s 1,8 s 2,4 s
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling ENGINE	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling ENGINE Machine model	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling ENGINE Machine model Brand	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s AGRI PIVOT T40 Kubota	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s AGRI PIVOT T50 Kubota	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s AGRI PIVOT T60 Kubota	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s AGRI PIVOT T70 Kubota	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling  ENGINE Machine model Brand Nominal power	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s AGRI PIVOT T40 Kubota 36,5 kW (49 HP)	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s AGRI PIVOT T50 Kubota 54,6 kW (73 HP)	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s AGRI PIVOT T60 Kubota 54,6 kW (73 HP)	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s AGRI PIVOT T70 Kubota 83,5 kW (112 HP)	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s AGRI PIVOT T80 FPT 96 kW (129 HP)
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling  ENGINE Machine model Brand Nominal power @rpm	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s AGRI PIVOT T40 Kubota	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s AGRI PIVOT T50 Kubota	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s AGRI PIVOT T60 Kubota	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s AGRI PIVOT T70 Kubota	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling  ENGINE Machine model Brand Nominal power	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s AGRI PIVOT T40 Kubota 36,5 kW (49 HP) 2700 rpm	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s AGRI PIVOT T50 Kubota 54,6 kW (73 HP) 2600 rpm	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s AGRI PIVOT T60 Kubota 54,6 kW (73 HP) 2600 rpm	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s AGRI PIVOT T70 Kubota 83,5 kW (112 HP) 2600 rpm	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s  AGRI PIVOT T80 FPT 96 kW (129 HP) 2200 rpm 4-stroke
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling  ENGINE Machine model Brand Nominal power @rpm Operation	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s  AGRI PIVOT T40 Kubota 36,5 kW (49 HP) 2700 rpm 4-stroke	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s  AGRI PIVOT T50 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s  AGRI PIVOT T60 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s  AGRI PIVOT T70 Kubota 83,5 kW (112 HP) 2600 rpm 4-stroke Electronic, Common	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s  AGRI PIVOTT80 FPT 96 kW (129 HP) 2200 rpm 4-stroke Electronic, Common
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling  ENGINE Machine model Brand Nominal power @rpm Operation Injection Number and arrange-	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s  AGRI PIVOT T40 Kubota 36,5 kW (49 HP) 2700 rpm 4-stroke Mechanical	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s  AGRI PIVOT T50 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s  AGRI PIVOT T60 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s  AGRI PIVOT T70 Kubota 83,5 kW (112 HP) 2600 rpm 4-stroke Electronic, Common Rail	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s  AGRI PIVOTT80 FPT 96 kW (129 HP) 2200 rpm 4-stroke Electronic, Common
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling  ENGINE Machine model Brand Nominal power @rpm Operation Injection  Number and arrangement of cylinders	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s  AGRI PIVOT T40 Kubota 36,5 kW (49 HP) 2700 rpm 4-stroke Mechanical 4, Vertical in line	2,8 s 2,4 s 1,3 s 1,8 s 1,8 s 1,3 s  AGRI PIVOT T50 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail 4, Vertical in line	2,8 s 2,4 s 1,3 s 1,8 s 1,3 s  AGRI PIVOTT60 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail 4, Vertical in line	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s  AGRI PIVOT T70 Kubota 83,5 kW (112 HP) 2600 rpm 4-stroke Electronic, Common Rail 4, Vertical in line	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s  AGRI PIVOT T80 FPT 96 kW (129 HP) 2200 rpm 4-stroke Electronic, Common Rail 4, Vertical in line 4485 cm³ (274 in³)
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling  ENGINE Machine model Brand Nominal power @rpm Operation Injection Number and arrangement of cylinders Displacement	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s  AGRI PIVOT T40 Kubota 36,5 kW (49 HP) 2700 rpm 4-stroke Mechanical 4, Vertical in line 2615 cm³ (160 in³) 235 g/kWh (386,58 lb/	2,8 s 2,4 s 1,3 s 1,8 s 1,8 s 1,3 s  AGRI PIVOT T50 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail 4, Vertical in line 3331 cm³ (203 in³) 231 g/kWh (380 lb/Hp	2,8 s 2,4 s 1,3 s 1,8 s 1,8 s 1,3 s  AGRI PIVOT T60 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail 4, Vertical in line 3331 cm³ (203 in³) 231 g/kWh (380 lb/Hp	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s  AGRI PIVOT T70 Kubota 83,5 kW (112 HP) 2600 rpm 4-stroke Electronic, Common Rail 4, Vertical in line 3769 cm³ (230 in³) 227 g/kWh (373,42 lb/	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s  AGRI PIVOT T80 FPT 96 kW (129 HP) 2200 rpm 4-stroke Electronic, Common Rail 4, Vertical in line 4485 cm³ (274 in³) 205 g/kWh (337,23 l
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling  ENGINE Machine model Brand Nominal power @rpm Operation Injection  Number and arrangement of cylinders Displacement Consumption	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s  AGRI PIVOT T40 Kubota 36,5 kW (49 HP) 2700 rpm 4-stroke Mechanical  4, Vertical in line 2615 cm³ (160 in³) 235 g/kWh (386,58 lb/Hp h)	2,8 s 2,4 s 1,3 s 1,8 s 1,8 s 1,3 s  AGRI PIVOT T50 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail 4, Vertical in line 3331 cm³ (203 in³) 231 g/kWh (380 lb/Hp h)	2,8 s 2,4 s 1,3 s 1,8 s 1,8 s 1,3 s  AGRI PIVOT T60 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail 4, Vertical in line 3331 cm³ (203 in³) 231 g/kWh (380 lb/Hp h)	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s  AGRI PIVOT T70 Kubota 83,5 kW (112 HP) 2600 rpm 4-stroke Electronic, Common Rail 4, Vertical in line 3769 cm³ (230 in³) 227 g/kWh (373,42 lb/Hp h)	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s  AGRI PIVOTT80 FPT 96 kW (129 HP) 2200 rpm 4-stroke Electronic, Common Rail 4, Vertical in line 4485 cm³ (274 in³) 205 g/kWh (337,23 l Hp h) 2200 rpm
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling  ENGINE Machine model Brand Nominal power @rpm Operation Injection Number and arrangement of cylinders Displacement Consumption @rpm	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s  AGRI PIVOT T40 Kubota 36,5 kW (49 HP) 2700 rpm 4-stroke Mechanical  4, Vertical in line 2615 cm³ (160 in³) 235 g/kWh (386,58 lb/Hp h) 2700 rpm	2,8 s 2,4 s 1,3 s 1,8 s 1,8 s 1,3 s  AGRI PIVOT T50 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail 4, Vertical in line 3331 cm² (203 in²) 231 g/kWh (380 lb/Hp h) 2600 rpm	2,8 s 2,4 s 1,3 s 1,8 s 1,8 s 1,3 s  AGRI PIVOT T60 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail 4, Vertical in line 3331 cm³ (203 in³) 231 g/kWh (380 lb/Hp h) 2600 rpm	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s  AGRI PIVOT T70 Kubota 83,5 kW (112 HP) 2600 rpm 4-stroke Electronic, Common Rail 4, Vertical in line  3769 cm³ (230 in³) 227 g/kWh (373,42 lb/Hp h) 2600 rpm Turbocharger after-	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s  AGRI PIVOTT80 FPT 96 kW (129 HP) 2200 rpm 4-stroke Electronic, Common Rail 4, Vertical in line  4485 cm³ (274 in³) 205 g/kWh (337,23 l Hp h) 2200 rpm 16-valve turbo com-
Getting off the basket Extension Retraction Forward swiveling Reverse swiveling  ENGINE Machine model Brand Nominal power @rpm Operation Injection Number and arrangement of cylinders Displacement Consumption @rpm Intake	3,8 s 2,5 s 1,4 s 2,2 s 1,6 s  AGRI PIVOT T40 Kubota 36,5 kW (49 HP) 2700 rpm 4-stroke Mechanical 4, Vertical in line 2615 cm³ (160 in³) 235 g/kWh (386,58 lb/Hp h) 2700 rpm Natural	2,8 s 2,4 s 1,3 s 1,8 s 1,8 s 1,3 s  AGRI PIVOT T50 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail 4, Vertical in line  3331 cm³ (203 in³) 231 g/kWh (380 lb/Hp h) 2600 rpm Turbo compressor	2,8 s 2,4 s 1,3 s 1,8 s 1,8 s 1,3 s  AGRI PIVOT T60 Kubota 54,6 kW (73 HP) 2600 rpm 4-stroke Electronic, Common rail 4, Vertical in line 3331 cm³ (203 in³) 231 g/kWh (380 lb/Hp h) 2600 rpm Turbo compressor	3,0 s 2,3 s 1,2 s 2,1 s 1,3 s  AGRI PIVOT T70 Kubota 83,5 kW (112 HP) 2600 rpm 4-stroke Electronic, Common Rail 4, Vertical in line  3769 cm³ (230 in³) 227 g/kWh (373,42 lb/Hp h) 2600 rpm Turbocharger after-cooler	3,0 s 3,2 s 1,8 s 2,4 s 1,6 s  AGRI PIVOT T80 FPT 96 kW (129 HP) 2200 rpm 4-stroke Electronic, Common Rail 4, Vertical in line  4485 cm³ (274 in³) 205 g/kWh (337,23 ll Hp h) 2200 rpm 16-valve turbo compressor, aftercooler

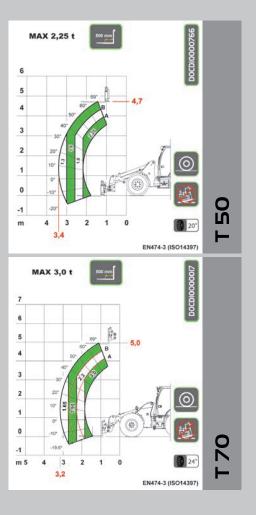
DIECEDENTIAL	AVI ES AND ST	EEDING WHEEL				
	AXLES AND ST					
Machine model	AGRI PIVOT T40	AGRI PIVOT T50	AGRI PIVOT T60	AGRI PIVOT T70	AGRI PIVOT T80	
Axles type	2 rigid, with 4 planetary reduction gears					
Type of steering	With articulated chassis with a total angle of 80°, servo-assisted by power steering (Load Sensing)	With articulated chassis with a total angle of 80°, servo-assisted by power steering (Load Sensing)	With articulated chassis with a total angle of 80°, servo-assisted by power steering (Load Sensing)	With articulated chassis with a total angle of 80°, servo-assisted by power steering (Load Sensing)	With articulated chassis with a total angle of 80°, servo-assisted by power steering (Load Sensing)	
Front axle	Rigid, se <b>lf-l</b> ocking	Rigid, self-locking	Rigid, se <b>lf-l</b> ocking	Rigid, se <b>lf-l</b> ocking	Rigid, self-locking	
Rear axle	Swinging with 25° total stroke	Swinging with 25° tota <b>l</b> stroke	Swinging with 25° total stroke	Swinging with 25° total stroke	Swinging with 25° total stroke	
Service braking	Oil bath with servo brake on front axle	Oil bath on front and rear axles on servo brake	Oil bath on front and rear axles with servo brake	Oil bath with servo brake on front axle	Oil bath with servo brake on front and rear axles	
Parking braking	Negative actuation with electrical control	Negative actuation with electrical control	Negative action park- ing brake on both axles	Negative actuation with electrical control	Negative action park- ing brake on front axles	
HYDRAULIC SY	STEM					
Machine model	AGRI PIVOT T40	AGRI PIVOT T50	AGRI PIVOT T60	AGRI PIVOT T70	AGRI PIVOT T80	
Hydraulic pump type	Gear pump for power steering and move- ments	Gear pump for power steering and move- ments	Gear pump for power steering and move- ments	Gear pump for power steering and move- ments	Gear pump for power steering and move- ments	
Hydraulic pump capa- city	65 L/min (17,2 gal/min)	101 L/min (26,7 ga <b>l</b> / min)	101 L/min (26,7 ga <b>l</b> / min)	114 L/min (30,1 ga <b>l</b> / min)	114 L/min (30,1 ga <b>l</b> / min)	
Max. operating pressure	25,0 MPa (3626 psi)	23,0 MPa (3336 psi)	23,0 MPa (3336 psi)	25,0 MPa (3626 psi)	25,0 MPa (3626 psi)	
REFUELING						
Machine model	AGRI PIVOT T40	AGRI PIVOT T50	AGRI PIVOT T60	AGRI PIVOT T70	AGRI PIVOT T80	
Hydraulic system (total)	70,0 L (18,49 ga <b>l</b> )	80,0 L (21,13 gal)	80,0 L (21,13 gal)	110,0 L (29,06 ga <b>l</b> )	120,0 L (31,7 gal)	
Diesel tank	75,0 L (19,81 ga <b>l</b> )	100,0 L (26,42 ga <b>l</b> )	100,0 L (26,42 gal)	140,0 L (36,98 ga <b>l</b> )	140,0 L (36,98 gal)	
AdBlue tank	-	-	-	-	27,00 L (7,13 gal)	
TRANSMISSION						
Machine model	AGRI PIVOT T40	AGRI PIVOT T50	AGRI PIVOT T60	AGRI PIVOT T70	AGRI PIVOT T80	
Transmission type	Hydrostatic with vari- able displacement pump					
Hydraulic motor	Hydrostatic with continuous automatic adjustment	Hydrostatic with con- tinuous automatic ad- justment				
Transmission gearbox	With 2 forward speeds / 2 reverse speeds	Single speed Dropbox	Servo-controlled 2- speed	With 2 servocontrolled gears with 4 forward speeds / 4 reverse speeds	Single speed Dropbox	
Inching	With hydraulic pedal for controlled forward movement	Pedal inching for con- trolled forward move- ment				
TIRES						
	ACRI DIVOTTAO	ACRIBIVOTTEO	ACDI DIVOTTEO	ACDI DIVOTTO	ACDI DIVOTTO	
Machine model Standard tires	AGRI PIVOT T40 12.5x18"	AGRI PIVOT T50 405/70x20"	AGRI PIVOT T60 405/70x20"	AGRI PIVOT T70 405/70x20"	AGRI PIVOT T80 15.5x25"	
Optional tires	365/70R18";	420/75R20";	420/75R20";	405/70x20" 460/70R24";	460/70R24";	
Optional tiles	405/70R18"; 500/45R20"	500/45R20"; 600/40R22.5"	500/45R20"; 600/40R22.5"	460/70R24 ; 600/50x22.5"	460/70R24 ; 600/50x22.5"; 500/70x24"	

DIMENSIONS					
Machine model	AGRI PIVOT T40	AGRI PIVOT T50	AGRI PIVOT T60	AGRI PIVOT T70	AGRI PIVOT T80
A	300 mm (11,8 in)	365 mm (14,4 in)	365 mm (14,4 in)	410 mm (16,1 in)	400 mm (15,7 in)
В	1485 mm (58,5 in)	1750 mm (68,9 in)	1750 mm (68,9 in)	1570 mm (61,8 in)	1670 mm (65,7 in)
С	2150 mm (84,6 in)	2200 mm (86,6 in)	2200 mm (86,6 in)	2400 mm (94,5 in)	2550 mm (100,4 in)
C1	5650 mm (222,4 in)	6015 mm (236,8 in)	6015 mm (236,8 in)	6250 mm (246,1 in)	6760 mm (266,1 in)
D	1485 mm (58,5 in)	1450 mm (57,1 in)	1450 mm (57,1 in)	1550 mm (61 in)	1675 mm (65,9 in)
E	990 mm (39 in)	1190 mm (46,9 in)	1190 mm (46,9 in)	900 mm (35,4 in)	1030 mm (40,6 in)
F	4045 mm (159,3 in)	4210 mm (165,7 in)	4210 mm (165,7 in)	4620 mm (181,9 in)	4865 mm (191,5 in)
F1	4370 mm (172 in)	4670 mm (183,9 in)	4670 mm (183,9 in)	5000 mm (196,9 in)	5300 mm (208,7 in)
G	5035 mm (198,2 in)	5400 mm (212,6 in)	5400 mm (212,6 in)	5520 mm (217,3 in)	5895 mm (232,1 in)
G1	3460 mm (136,2 in)	4155 mm (163,6 in)	4155 mm (163,6 in)	4300 mm (169,3 in)	4400 mm (173,2 in)
Н	2420 mm (95,3 in)	2490 mm (98 in)	2490 mm (98 in)	2690 mm (105,9 in)	2680 mm (105,5 in)
H1	2100 mm (82,7 in)	2365 mm (93,1 in)	2365 mm (93,1 in)	2300 mm (90,6 in)	2520 mm (99,2 in)
I1	1700 mm (66,9 in)	2000 mm (78,7 in)	2000 mm (78,7 in)	2100 mm (82,7 in)	2200 mm (86,6 in)
L	1350 mm (53,1 in)	1430 mm (56,3 in)	1430 mm (56,3 in)	1560 mm (61,4 in)	1790 mm (70,5 in)
M	1675 mm (65,9 in)	1880 mm (74 in)	1880 mm (74 in)	1980 mm (78 in)	2400 mm (94,5 in)
Р	2120 mm (83,5 in)	2060 mm (81,1 in)	2060 mm (81,1 in)	2400 mm (94,5 in)	2500 mm (98,4 in)
Q	3830 mm (150,8 in)	4010 mm (157,9 in)	4010 mm (157,9 in)	4450 mm (175,2 in)	4750 mm (187 in)
S	1670 mm (65,7 in)	1699 mm (66,9 in)	1699 mm (66,9 in)	1870 mm (73,6 in)	1937 mm (76,3 in)
T	69 mm (2,7 in)	93 mm (3,7 in)	93 mm (3,7 in)	186 mm (7,3 in)	201 mm (7,9 in)
U	1753 mm (69 in)	1829 mm (72 in)	1829 mm (72 in)	1970 mm (77,6 in)	2130 mm (83,9 in)
Z	1962 mm (77,2 in)	1962 mm (77,2 in)	1962 mm (77,2 in)	2056 mm (80,9 in)	2106 mm (82,9 in)
K01	30°	31°	31°	31°	30°
K02	40°	40°	40°	40°	40°
K04	40°	40°	40°	40°	40°
K05	40°	40°	40°	40°	40°



The vehicles shown in this catalog can be equipped with standard attachments or equipment, on request or not available, according to the versions. Dieci SrI reserves the right to modify the specifications described and illustrated at any time and without prior notice. Non-contractual document. Non-exhaustive specification list. The photos and diagrams contained in this brochure are provided for consultation and for information purposes.







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