

AGRI PIVOT | PIVOT

T60 | T70 | T80

DIECI



CONTINUOUS EVOLUTION

Constantly ahead in terms of technological solutions, Dieci leads the evolutionary process of its vehicles, raising its standards with the **New Construction and Agriculture Range**.

Reliability, efficiency and comfort have reached unprecedented levels through improved design and instrumentation and the introduction of **innovation and technology**.

New stage V engines, **more intuitive and functional controls**, evolved diagnostics, **new chassis** and **new transmissions** bring tomorrow's telehandlers into the field today.

Pivot, the large capacity articulated telehandler with telescopic boom which can satisfy every need. **Great agility, maximum power to the wheels and to the boom, excellent visibility and absolute comfort**: are just some of the reasons that make this telehandler essential.

PIVOT

T60 | T70 | T80

TOTAL INNOVATION

It is ideal for working in restricted areas or when it is necessary to use a top performance **compact vehicle with reasonable running costs.**

The articulated chassis with **double-joint central articulation** joins the front and rear chassis ensuring stability, strength and maneuverability in all movements.

Agile steering and precise movements make it a practical and easy-to-use vehicle for both construction and agriculture.



T60

- ↑ Height 4.7 m
- ⬆ Capacity 2250 kg

T70

- ↑ Height 5.2 m
- ⬆ Capacity 3000 kg

T80

- ↑ Height 5.2 m
- ⬆ Capacity 3500 kg



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MANEUVERABLE AND EFFECTIVE

- **Double-joint central articulation**, with a steering angle of 80°: exceptional stability and robustness even in extreme situations, without undergoing deformation.
- **Rear oscillating axle** for perfect adaptability to all types of ground, always guaranteeing four support points.
- **Large output angle (<30°) and load limiter** for an extremely manageable, reliable and safe vehicle.
- Electronic accelerator and Inching pedal: **accurate and controlled movement at any speed**, even with the boom at full power.
- **Load Sensing - Flow Sharing hydraulic distributor**.

The vehicle overall dimension is always determined by the front or rear wheels, ensuring the operator that rear side will not hit while maneuvering.



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VERSATILE AND FLEXIBLE

- The new Pivot has been developed to use a **variety of equipment** such as forks, buckets, lifting hooks, snow ploughs, sweepers and shredders.
- **Quickdep**, hydraulic socket depressurisation system designed for quick and effortless equipment changeover.
- **Equipment parallelism**: equipment always parallel to the ground during boom lifting and lowering operations.
- Double-cylinder, double-action **hydraulic accessories lock** for maximum stability.



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PRACTICAL AND RELIABLE

- The boom, in central position, and the extension cylinder, arranged inside it, guarantee **high visibility, without the risk of accidental impacts**.
- **Engine in longitudinal position**: maximum balance and accessibility.
- **Protected cardan shaft and wiring** inside the joint.
- **Compensation cylinder inside the lifting cylinder**: protected components and reduced mechanical stress.
- **Easy maintenance**: fuel tank, AdBlue and filters in safe and accessible locations.
- Stage V engines: **low consumption, high efficiency and optimized efficiency** in all operating conditions.

COMFORT AND CONTROL

- Travel direction and boom are controlled exclusively by the **new joystick**, which incorporates the direction selector (reverse shuttle - FNR) for intuitive, precise and comfortable control.
- The **advanced diagnostic** system provides information on the operation of the electronic control.
- Dashboard with clear instrument panel and **well-distributed controls**.
- Easy access to the cab by means of **two doors with 180° opening**.
- **Large windows**.
- Elevated driver's seat for an **unrivalled 360° view**, even with the boom raised.



ADVANCED TECHNOLOGY

ANTI-TIPPING SYSTEM

- Aggravating movements blocked in the event of overload and load level always in evidence.

EASY DUMPING

- The swing kinematic mechanism, specifically designed to increase the service angle, is particularly appreciated when the bucket is moved to the ground and when it is unloaded at the maximum height.

EASY RIDE

- Suspension system installed on the boom to reduce the oscillations felt when driving over uneven and rough terrain.

PIVOT T60

2-speed hydrostatic transmission

- Electronic control: maximum forward travel precision even at full speed
- 1st gear at 19 km/h
- Maximum speed 40 Km/h

ISO 24410 PLATE, in mechanical or hydraulic version, for complete interchangeability of all equipment normally used for Skid Loaders.

- **AGILE AND COMPACT**
- **PRECISE IN ALL MOVEMENTS**



PIVOT T70 | T80

- **Shift On Fly Transmission:** gear changes without stopping.
Less time spent on manoeuvres thanks to the controls on the joystick.
More uphill safety more comfort on the road.
- **ECO function:** lower fuel consumption and low noise emissions, even at maximum speed of 40 km/h.
- **Creeper Function:** adjustable forward speed with the accelerator pedal, constant engine speed and oil flow rate to effectively use equipment such as sweepers.
- **Arm too high function:** speed of travel limited automatically when the boom is raised.



ADVANCED CONTROLS

HIGH TECH BOOM

- **Shake:** facilitates the release of material from the bucket during unloading.
- **Wall:** retains the equipment's verticality during ascent and descent.
- **Memory:** allows the position of the equipment to be memorized.
A simple button recalls the equipment in the set position.
- **Floating:** facilitates leveling and earthworks.

360° COMFORT

- **Renewed cab:** more legroom, redesigned dashboard and new monitors.
- **Main controls collected on the armrest.**
- **Improved air conditioning and soundproofing.**



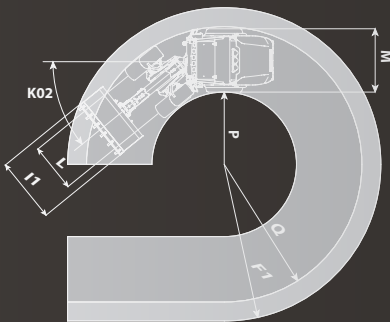
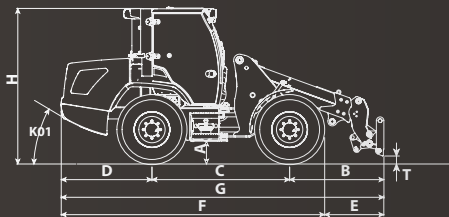
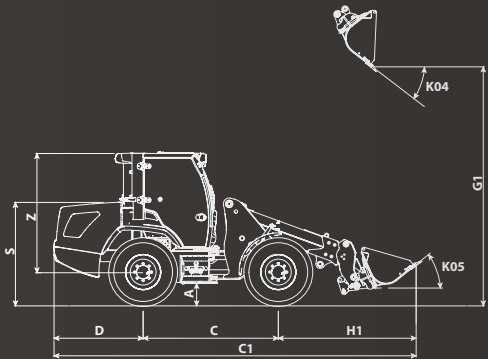
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TECHNICAL DATA

PERFORMANCE			
Vehicle model	PIVOT T60	PIVOT T70	PIVOT T80
Operating weight with standard bucket and quick coupling	6120 kg (13492 lb)	7600 kg (16755 lb)	8200 kg (18078 lb)
Standard bucket capacity	0,85 m³ (30 ft³)	1,2 m³ (42 ft³)	1,2 m³ (42 ft³)
Pull-out force	4800 daN (10791 lbf)	6000 daN (13489 lbf)	6000 daN (13489 lbf)
Towing force	5700 daN (12814 lbf)	6650 daN (14950 lbf)	6650 daN (14950 lbf)
Maximum climb angle	80 %	80 %	80 %
Max speed (referred to wheels with maximum permitted diameter)	40 km/h (24,9 mph)	40 km/h (24,9 mph)	40 km/h (24,9 mph)
Retracted in line tipping load	4050 kg (8929 lb)	4500 kg (9921 lb)	6100 kg (13448 lb)
Operating load EN474.3 (80%) retracted	2250 kg (4960 lb)	3000 kg (6614 lb)	3500 kg (7716 lb)

ENGINE			
Vehicle model	PIVOT T60	PIVOT T70	PIVOT T80
Brand	Kubota	Perkins	FPT
Nominal power	54,6 kW (73 HP)	85,9 kW (115 HP)	103 kW (138 HP)
@rpm	2600 rpm	2200 rpm	2200 rpm
Peak power	-	85,9 kW (115 HP)	114 kW (153 HP)
@rpm	-	2200 rpm	1800 rpm
Displacement	3331 cm³ (203 in³)	3621 cm³ (221 in³)	4485 cm³ (274 in³)
Emission standard	Stage V/Tier 4f	Stage V/Tier 4f	Stage V
Exhaust gas treatment	DPF	DOC+DPF+SCR (AdBlue)	DOC+SCRoF (AdBlue)

HYDRAULIC SYSTEM			
Vehicle model	PIVOT T60	PIVOT T70	PIVOT T80
Hydraulic pump capacity	101 l/min (26,7 gal/min)	117 l/min (30,9 gal/min)	160 l/min (42,3 gal/min)
Max. operating pressure	23 MPa (3336 psi)	25 MPa (3626 psi)	26 MPa (3771 psi)



DIMENSIONS			
Vehicle model	PIVOT T60	PIVOT T70	PIVOT T80
A	365 mm (14,4 in)	385 mm (15,2 in)	385 mm (15,2 in)
B	1750 mm (68,9 in)	1690 mm (66,5 in)	1720 mm (67,7 in)
C	2200 mm (86,6 in)	2425 mm (95,5 in)	2550 mm (100,4 in)
C1	6015 mm (236,8 in)	6570 mm (258,7 in)	6785 mm (227,8 in)
D	1450 mm (57,1 in)	1570 mm (61,8 in)	1660 mm (65,4 in)
E	1190 mm (46,9 in)	1040 mm (40,9 in)	1040 mm (40,9 in)
F	4210 mm (165,7 in)	4645 mm (182,9 in)	5655 mm (222,6 in)
F1	4670 mm (183,9 in)	5165 mm (203,3 in)	5340 mm (210 in)
G	5400 mm (212,6 in)	5685 mm (223,8 in)	5840 mm (230 in)
G1	4155 mm (163,6 in)	4400 mm (173,2 in)	4400 mm (173,2 in)
H	2490 mm (98,0 in)	2680 mm (105,5 in)	2700 mm (106,3 in)
H1	2365 mm (93,1 in)	2575 mm (101,4 in)	2575 mm (101,4 in)
I1	2000 mm (78,7 in)	2100 mm (82,7 in)	2100 mm (82,7 in)
K01	30 °	30 °	30 °
K02	40 °	40 °	40 °
K04	40 °	40 °	40 °
K05	40 °	40 °	40 °
L	1430 mm (56,3 in)	1790 mm (70,5 in)	1790 mm (70,5 in)
M	1880 mm (74,0 in)	2200 mm (86,6 in)	2200 mm (86,6 in)
P	2060 mm (81,1 in)	2330 mm (91,7 in)	2480 mm (97,6 in)
Q	4010 mm (157,9 in)	4550 mm (179,1 in)	4710 mm (185,4 in)
S	1699 mm (66,9 in)	1935 mm (76,2 in)	1920 mm (75,6 in)
T	93 mm (3,7 in)	160 mm (6,3 in)	160 mm (6,3 in)
Z	1962 mm (772 in)	2100 mm (82,7 in)	2100 mm (82,7 in)

The vehicles shown in this catalog can be equipped with standard attachments or equipment, on request or not available, according to the versions. Dieci srl 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.

AGRICULTURE



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CONSTRUCTION



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DTS

The **Dieci Telematic System** allows the Dieci service team to interact with the vehicle remotely. It telematically collects and sends operational data for easier and more timely monitoring, **diagnostics and maintenance**. **Vehicle and operators protected from theft and accidents thanks to** GSM and GPS connections.

*Where present

DIECI SERVICE

General headquarters in Emilia Romagna - over 135.000 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 600 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 to find the dealer closest to you.

600 DEALERS

70 COUNTRIES

3 BRANCHES



PIVOT / AGRI PIVOT

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