

DIECI
AUSTRALIA

AGRI PIVOT | T70





AGRI PIVOT T70 THE ULTIMATE 2-IN-1 TELEHANDLER

Three major concepts define Dieci products - **technology**, **reliability**, and **durability**.

Dieci machines are built tough and reliable by incorporating the best solutions derived from research, customer feedback, and practical experience. Our telehandlers are specifically designed to meet the diverse needs of Australia's various environments.

The **Agri Pivot T70** resembles a wheel loader with a telescopic boom and excels in confined spaces, offering high performance, flexibility, durability, and reliability; at a low operating cost. This model is the ideal telehandler for sectors requiring both the height capabilities of a telehandler and the agility of a wheel loader. This machine offers supreme versatility and accommodates accessories from both classic telehandlers and wheel loaders - increasing productivity and reducing costs.

Featuring a rear engine that is installed longitudinally, and a centre boom pivoted in front of the cab; the **Agri Pivot T70** enhances accessibility during maintenance and provides optimal side and rear visibility for the operator.

ABSOLUTE COMFORT: ITALIAN DESIGN AND STYLE

Dieci telehandlers are continually refined; offering increased **comfort, safety, functionality, and reliability**. This ensures high productivity and low operating costs, while keeping the user safe and comfortable.

Top Level Performance

Superior performance and productivity is ensured thanks to the ideal balance between size, strength, and manoeuvrability. Incredibly responsive and powerful, the Agri Pivot T70 combines the perfect blend of capabilities and performance offering a highly productive and capable machine.

Excellent Manoeuvrability

The Agri Pivot T70 upholds the tradition of exceptional comfort and versatility that is known across the entire range. The highly efficient steering system guarantees a light and responsive feel even under the heavy load conditions of which the Agri Pivot T70 excels.

Hydraulic Flow Share

The operator can control multiple joystick functions at the same time for maximum productivity and ease-of-operation, including boom up/down, boom in/out and fork swivel.

Maximum Safety

The ROPS-FOPS approved cab is designed with a safety cell to provide maximum safety to the operator at all times. Dieci telehandlers comply with AS1418.19 / AS10896.1.

Deadman sensor, combined with the operator presence sensor in the seat, prevents accidental operation.

The **Load Limiter Device** analyses vehicle stability in real time and inhibits any aggravating movements when the pre-set safety limits are reached.



Agri Pivot T70

5.20m

Max Reach

3,000kg

Max Capacity

115hp / 85.9kW

Nominal Power

Single Compensation Cylinder

Patented by Dieci. The single compensation cylinder is located inside the lifting ram and ensures the load on the boom is balanced at all times; improving safety, durability, and performance.

New and Improved Joystick

The travel direction and boom are both controlled by a new joystick, which incorporates the direction selector (reverse shuttle - FNR) for intuitive, precise, and comfortable control.

Agile Steering and Precise Movements

Double joint articulation, an 80° steering angle, and an electronic accelerator with inching pedal ensure precise movements, safety, and practicality.

165° Fork Swivelling Angle Rotation

Designed to increase the operating arc, which is particularly useful when unloading with the boom raised.

Improved Visibility

Twin opening 180° doors and large windows offer an unrivalled 360° view.

Versatile

Developed for use with a variety of equipment such as forks, buckets, lifting hooks, ploughs, sweepers, and shredders.

Rear Oscillating Axle

Excellent adaptability to uneven ground ensures four steady support points are maintained ensuring safe and efficient operation.

Modern Features

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

Perfect Climate

Equipped with a heater and powerful air conditioning system, this setup allows perfect air circulation inside the cabin for maximum operator comfort during hot summers and cool winters.



TECHNICAL DATA

PERFORMANCE

Maximum capacity	3,000 kg
Maximum lifting height	5.20 m
Maximum horizontal extension	3.40 m
Fork swiveling angle	165 °
Pull-out force	6000 daN
Towing force	6650 daN
Maximum climb angle	80 %
Unladen weight	7,150 kg
Maximum speed	40 km/h

ENGINE

Brand	Perkins
Nominal power	115 hp / 85.9 kW (@ 2,700 rpm)
Operation	4-stroke / diesel
Injection	Electronic, common rail
Number and arrangement of cylinders	4, Vertical inline
Displacement	3,621 cm ³
Emission standard	Stage V/Tier 4f
Cooling	Liquid
Intake	16-valve turbocharger with aftercooler

TRANSMISSION

Type	Electronically controlled hydrostatic Shift on Fly with gear shift in motion and ECO function
Hydraulic motor	Hydrostatic with continuous automatic adjustment
Reversal	Electro-hydraulic
Inching control	With hydraulic pedal for controlled forward movement

HYDRAULIC SYSTEM

Hydraulic pump type	Gear pump for power steering and movements
Hydraulic pump capacity	117 l/min
Maximum operating pressure	25 MPa (3,626 psi)
Boom hydraulic sockets	With quick couplings
Distributor control	4 in 1 with FNR
Distributor type	Hydraulic in 4 sections with “Load Sensing” proportional electronic-hydraulic servo-control with “Flow Sharing”, 4 simultaneous movements with independent maximum speed control of each movement

TANK CAPACITIES

Hydraulic system	160 l
Diesel tank	145 l

DIFFERENTIAL AXLES

Steering axles	2 steering, with 4 epicyclodial reduction gears
Type of steering	With articulated chassis with a total angle of 80°, servo-assisted by power steering (Load Sensing)
Service brake	Oil bath with servo brane on front and rear axle
Park brake	Negative actuation with electrical control

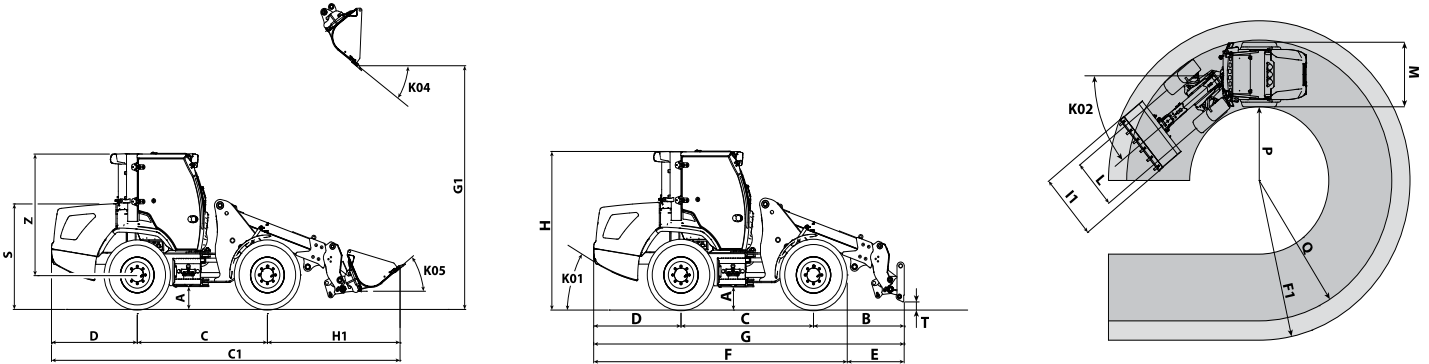
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Size	405/70-24"
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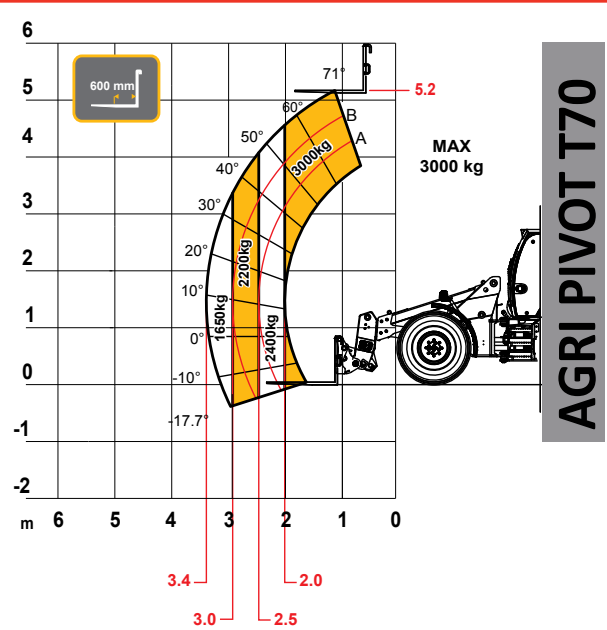
AGRI PIVOT T70

DIMENSIONS

A	385 mm
B	1690 mm
C	2,425 mm
C1	6,570 mm
D	1,570 mm
E	1,040 mm
F	4,645 mm
F1	5,165 mm
G	5,685 mm
G1	4,400 mm
H	2,680 mm
H1	2,575 mm
I1	2,100 mm
L	1,790 mm
K01	30°
K02	40°
K04	40°
K05	40°
M	2,200 mm
P	2,330 mm
Q	4,550 mm
S	1,935 mm
T	160 mm
Z	2,100 mm



LOAD CHART





NEW SOUTH WALES

Sydney Branch

1/5 Melito Court,
Prestons, NSW 2170

WESTERN AUSTRALIA

Perth Branch

32 Allott Way,
Maddington, WA 6109

VICTORIA

Melbourne Branch

169 Studley Court,
Derrimut, VIC 3026

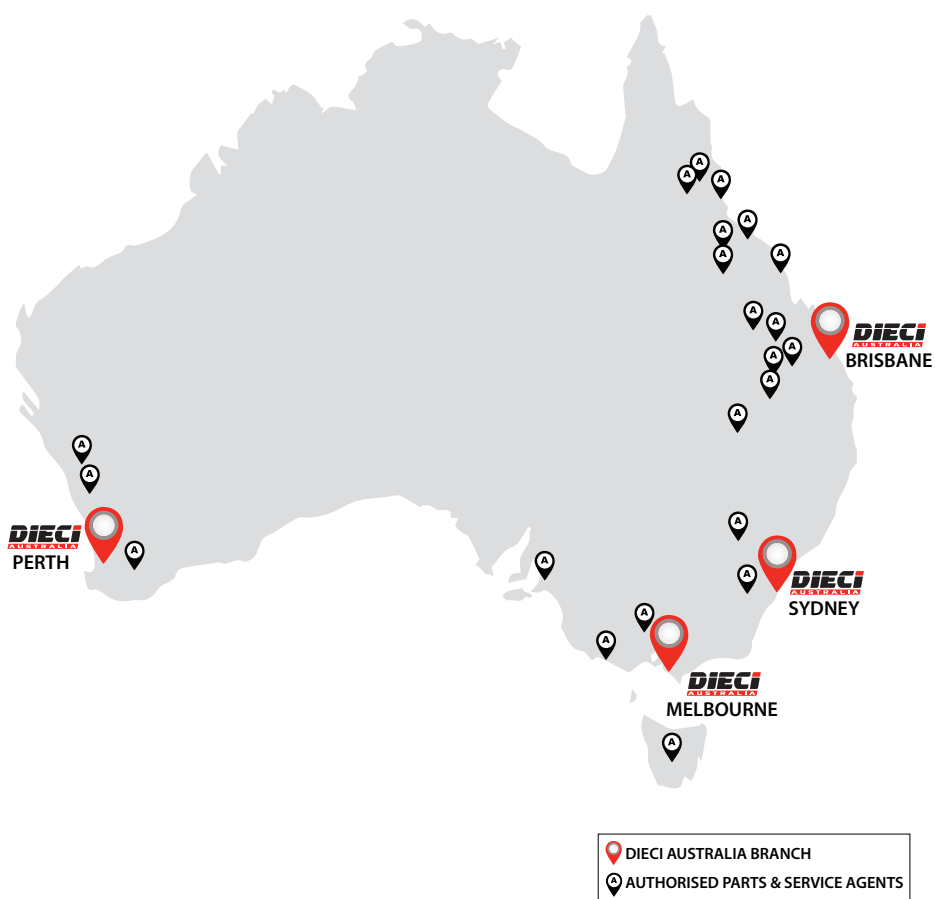
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Brisbane North Branch

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Brendale, QLD 4500



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Illustrations and photos show the standard international models and may or may not include optional equipment, accessories, customer installed or modified parts, optional parts and all standard equipment with some differences in colour and features. Machine specifications are subject to change without notice and additional load charts and machine or attachment specifications may be available on request. Please refer to the user and maintenance manuals located on Dieci Australia's website for correct machine and attachment operation.

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