



# ICARUS STRONG & SAFE

The needs on construction sites are changing. Management costs must be reduced and vehicle productivity continuously improved. Dieci meets the demands of customers with more versatile, more robust and more reliable machines that are easy to drive and operate.

The **lcarus** range consists of telehandlers suitable for large jobs in the building and industrial sectors, thanks to its characteristics of great strength, power and lifting heights.

Hydrostatic transmission combined with "inching" pedal command, allows these machines to run at slow speed with engine at full throttle.

Great power, excellent handling, precision movement control, sound proofing for absolute comfort and 2WS / 4WS / Crab steering modes.

The Icarus can be fitted with a full range of accessories, making it an incredibly versatile machine.

## ABSOLUTE COMFORT: ITALIAN DESIGN AND STYLE

Dieci telehandlers have always been a combination of **comfort** and **functionality** which makes us stand out all over the world.

#### Powerful & Stable

Extremely rugged machine with exceptional loading capacities in all operating conditions, with boom retracted or extended. Independent outriggers with proportional controls and a transversal levelling device to always work the chassis in a horizontal position, even on uneven ground.

#### Advanced Telescopic Boom

Made of high resistance steel, while load sensing and flow sharing distributors allow for more simultaneous movements during operation.

#### Not Only Power

The lcarus responds to controls in a fluid way, with precision and promptness, thus guaranteeing exceptional work comfort in complete safety.

#### Perfect Climate

Semi automatic air conditioing system with 6 outlet vents allows perfect air circulation inside the cabin, openable rear glass and roof and integrated electric driver's window.

#### Maximum Safety

ROPS - FOPS approved cab, designed with safety cell to prevent deformation in the event of the vehicle being overturned or a heavy load falling on the cab. Dieci Telehandlers comply with AS1418.19 / 10896.1.

**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 aggarvating movements when the pre-set safety limits are reached.











#### **EWP AS Options Available**

Pre-arrangement for man basket remote control allows the operator to operate the boom and the aerial platform directly from the basket, in total autonomy and full safety. Compliant with Australian EWP Standard AS 1418.10.

#### Single Compensation Cylinder

**Patented by Dieci** - is located inside the lifting ram, ensures that the load on the boom is balanced at all times, thereby improving durability.

#### Side Shift Carriage

Equipped with side shift on the boom that allows you to shift the carriage from side to side to tightly pack loads.

#### Inching Pedal

An essential control that allows travel speed to momentarily slow down or come to a stop while still offering maximum power to boom functions to increase precision & productivity for delicate operations.



#### Panoramic Views

The large, curved windows of the cab offer a complete  $360^{\circ}$  outside view with uninterrupted visibility. Integrated LED worklights allow better visibility at night.

#### 4-in-I Joystick

4 in 1 ergonomically designed joystick with integrated forward and reverse.

#### **Hydrostatic Tranmission**

Guarantees power, reactivity and control in manoeuvres, while a single control unit measures the optimal working parameters through in-depth diagnostics.

#### I3OL/min Hydraulic Flow Rate

Up to 130lpm hydraulic flow maximises manoeuvrability in all applications.

## **TECHNICAL DATA**

PERFORMANCE 40.17 Machine model Maximum capacity 4000 kg Maximum lifting height on wheels 16.60 m Maximum horizontal extension on wheels 12.80 m Fork swiveling angle 134° Pull-out force 5700 daN 7300 daN Towing force Maximum climb angle 40% 12260kg (27029 lb) Unladen weight

**ENGINE** 

Brand FPT

Nominal power 93 kW (125 HP)

@rpm 2200 rpm

Operation 4-stroke
Injection Mechanical
Number and 4, Vertical in line

arrangement of cylinders

Displacement 4485 cm<sup>3</sup> (274 in<sup>3</sup>)

Consumption 230 g/kWh (378.35 lb/Hp H)

**HYDRAULIC SYSTEM** 

Hydraulic pump type Gear pump for power steering and movements

Hydraulic pump capacity 130 L/min

Max. operating pressure 25.0 MPa (3626 psi)

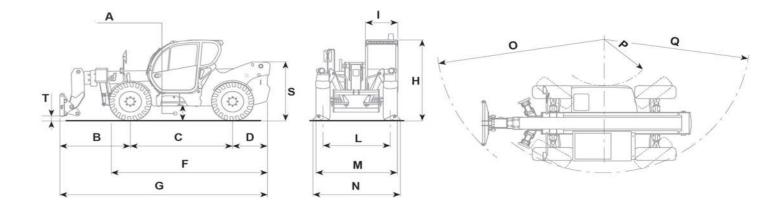
Distributor control 4in1 proportional joystick

TYRES

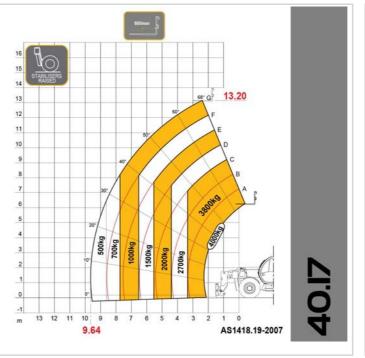
Standard tyres 400/70x24"

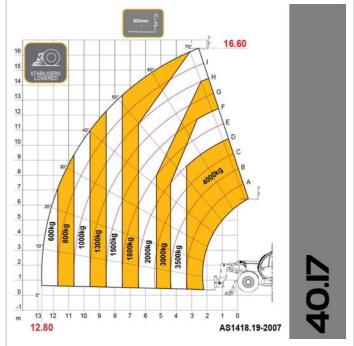
#### **DIMENSIONS**

Machine model	40.17
Α	390 mm (15.4 in)
В	1970 mm (77.6 in)
C	2950 mm (116.1 in)
D	1355 mm (53.3 in)
F	4900 mm (192.9 in)
G	6275 mm (247 in)
Н	2550 mm (100.4 in)
1	940 mm (37 in)
L	1950 mm (76.8 in)
M	2360 mm (92.9 in)
N	3270 mm (128.7 in)
0	4990 mm (173.2 in)
P	1700 mm (66.9 in)
Q	4400 mm (173.3 in)
S	1837 mm (72.3 in)
T	163 mm (6.4 in)



## **LOAD CHARTS**









Distributed by Dieci Australia and their network of authorised dealers.

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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 operators manual for correct machine and attachment operation.

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