



## **ZEUS**

## POWER & AGILITY FOR MAXIMUM EFFICIENCY

The needs on construction sites are changing. Management costs must be reduced and machine 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 **Zeus 35.10** features the perfect balance between power and agility. It is designed to handle heavy loads in confined spaces, making it ideal for for various demanding applications.

Great power, excellent handling, precision movement control, sound proofing for absolute comfort, three steering modes including 2WS, 4WS and crab steering, as well as the intelligently designed control layout, makes the Zeus simple, intuitive and comfortable to use.

The Zeus 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.

### Reliability & Productivity

Ideal for work environments where there is a need to handle large volumes and reduce work cycles. Maintenance is straightforward, with durable components and materials designed to last.

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

#### Perfect Climate

Equipped with an integrated electric driver's window, standard heater and a semi-automatic air conditioning system with six outlet vents, this setup allows perfect air circulation inside the cabin for maximum operator comfort.

#### 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 / 10896.1.

Deadman sensor, combined with 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.











Zeus 35.10



# I25hp/93kW

## 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 and productivity for delicate operations.

## 146° Fork Swivelling Angle Rotation

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

## 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.

## 130 L/min Hydraulic Flow Rate

Up to 130 I/min hydraulic flow maximises manoeuvrability in all applications.

## 4-in-I Joystick

The boom can be fully operated by the hydraulic control distributor-single joystick with proportional and simultaneous controls which also incorporates FNR, for easier and more practical direction control.

## Panoramic Views

The large, curved windows of the cab offer a complete 360° outside view with uninterrupted visibility. Integrated LED worklights allow better visibility at night.

## **Hydrostatic Tranmission**

Complete with a servo controlled 2 speed gear box and constantly varying hydrostatic drive, which guarantees top-end speed and low-end torque.

## Comfort & Ease of Access

With soundproofing, an adjustable steering wheel (height and depth), storage compartments and various accessories such as the air suspension seat, enable operation in total comfort.



## **TECHNICAL DATA**

PERFORMANCE	
Maximum capacity	3,500 kg
Maximum lifting height	9.75 m
Maximum horizontal extension	6.55 m
Fork swiveling angle	146 °
Pull-out force	5,700 daN
Towing force	7,300 daN
Maximum climb angle	40 %
Unladen weight	8,000 kg
Maximum speed	30 km/h

## ENGINE

Brand FPT

Nominal power 125 hp / 93 kW (@ 2,200 rpm)

Operation 4-stroke / diesel
Injection Mechanical direct
Number and arrangement of cylinders 4, vertical inline

Displacement 4,485 cm<sup>3</sup>
Emission standard Stage IIIA/Tier 3

Cooling Liquid

Intake Turbocharger after-cooler

#### **TRANSMISSION**

Type Hydrostatic transmission with variable displacement pump

Hydraulic motor Hydrostatic with continuous automatic adjustment

Reversal Electro-hydraulic

Inching control With hydraulic pedal for controlled forward movement

Gearbox Servo-controlled 2-speed

#### **HYDRAULIC SYSTEM**

Hydraulic pump type Gear pump for power steering and movements
Hydraulic pump capacity 130 l/min

Maximum operating pressure 24 MPa (3,481 psi)
Boom hydraulic sockets With quick couplings

Distributor control 4-in-1 joystick with integrated FNR (with deadman capacitive sensor)
Distributor type Hydraulic distributor-single joystick with proportional controls

### **TANK CAPACITIES**

Hydraulic tank 140 l Diesel tank 160 l

## **DIFFERENTIAL AXLES**

Steering axles 2 steering, with 4 epicyclodial reduction gears

Type of steering 4 wheels / transversal / 2 wheels

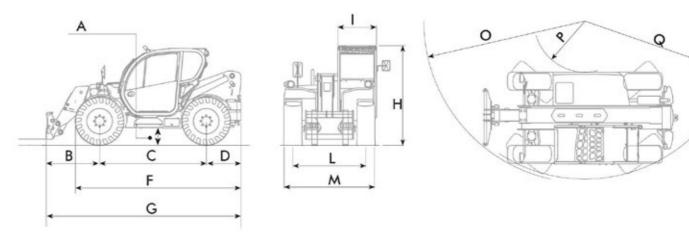
Park brake Negative actuation with electrical control

#### **TYRES**

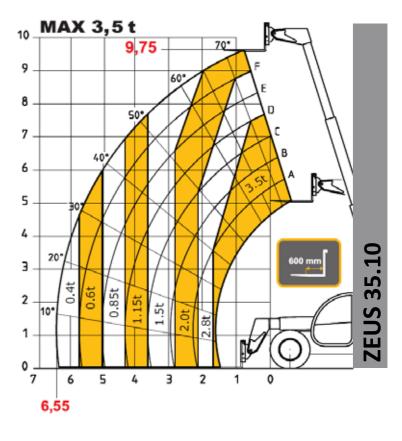
Size 400/70x20"

## **ZEUS 35.10**

DIMENSIONS	
A	340 mm
В	1,380 mm
C	2,600 mm
D	970 mm
F	4,060 mm
G	4,950 mm
Н	2,310 mm
1	940 mm
L	1,780 mm
M	2,290 mm
0	3,700 mm
P	950 mm
Q	4,000 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

#### **QUEENSLAND**

Brisbane Branch
1/7 Australand Drive,
Berrinba, QLD 4117

Brisbane North Branch 69 Griffin Crescent, Brendale, QLD 4500



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