

Dieci Agri  
Telehandlers





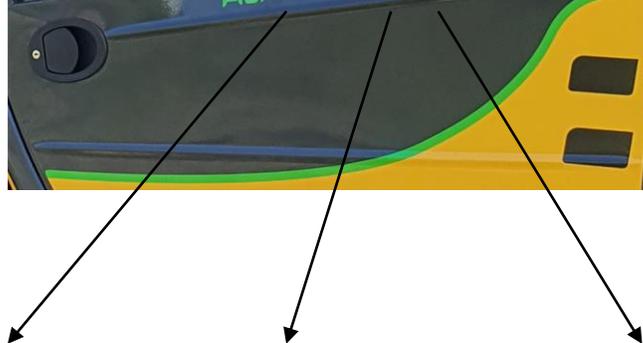
# Dieci Italy

- Dieci s.r.l. started out in 1962 by designing and building concrete mixers.
- In 1983 they were one of the first European companies manufacturing telehandlers.
- In 2000 they unveiled the Pegasus range which is a rotating boom telehandler.
- The state-of-the-art production facility has a current output of 3000 telehandlers per year.
- Based in Montecchio Emilia, Italy





# Model Identification



Model:  
Agri Star

Max Capacity:  
3800kg

Max Lifting Height:  
10m

## Mini Agri

25.6 – 2500kg & 6m

## Agri Farmer

30.7 – 3000kg & 7m

30.9 – 3000kg & 9m

## Agri Star

37.7 – 3700kg & 7m

37.8 – 3700kg & 8m

38.10 – 3800kg & 10m

## Agri Plus

40.7 – 4000kg & 7m

38.9 – 3800kg & 9m



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**Mini Agri**  
Kubota 55,4kW  
•25.6



2500kg Lifting Capacity  
6m Lifting Height

**Agri Farmer**  
Kubota 73,4kW  
•30.7  
•30.9



3000kg Lifting Capacity  
7-9m Lifting Height

**Agri Star**  
FPT 93kW  
•37.7  
•38.10



3700-3800kg Lifting Capacity  
7-10m Lifting Height

**Agri Plus**  
FPT 93kW  
•40.7 Powershift



4000kg Lifting Capacity  
7m Lifting Height



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# Mini Agri & Agri Farmer

Component	Brand
Diesel Engine	Kubota 55,4kW – 73,4kW Tier III
Diesel Injection	Mechanical Injection (No ECU)
Hydrostatic Transmission	Bosch Rexroth (No ECU)
Steering Axles	DANA Spicer

For Earth, For Life

**rexroth**  
A Bosch Company

**SPICER**<sup>®</sup>  
DRIVETRAIN COMPONENTS

**BOSCH**  
Invented for life

**DIECI**

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# Agri Star

Component	Brand
Diesel Engine	FPT 93kW Tier III
Diesel Injection	Bosch Mechanical Injection (No ECU)
Hydrostatic Transmission	Bosch Rexroth (No ECU)
Steering Axles	DANA Spicer



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# Agri Plus

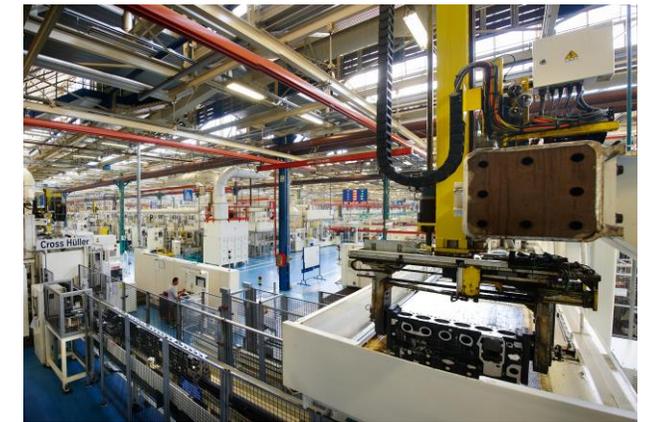
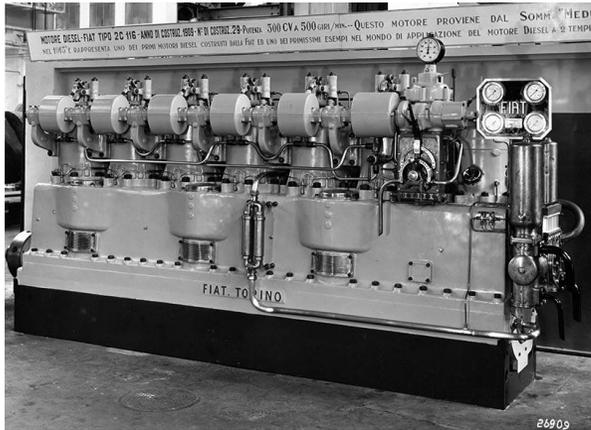
Component	Brand
Diesel Engine	FPT 93kW Tier III
Diesel Injection	Bosch Mechanical Injection (No ECU)
Torque Convertor Transmission	DANA Spicer 6-Speed
Steering Axles	DANA Spicer



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- **FPT Industrial** is the Brand of **CNH Industrial** dedicated to the development, production, sale and assistance of powertrains for On Road, Off Road, Marine and Power Generation applications.
- FPT stands for **Fiat Powertrain Technologies**.
- FPT Industrial was established by merging all engine, transmission and axle activities of **IVECO**, **CASE IH** and **NEW HOLLAND**.
- First steam engine produced in 1869 and first industrial engine in 1908.
- Currently producing 3 000 000 engines per year.
- Engines range from 31,5kW up to 607kW





**rexroth**  
A Bosch Company



## Advantages

- Dynamic Braking
- Less Wear on Service Brakes
- Overload Protection
- Lower Maintenance Costs
- Precise & Controlled Movement
- Uses same Oil of the Hydraulic System

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# Available Configurations

## Standard

- Air conditioner
- Front Window Guard
- Agri Tyres



## Premium

- Air Conditioner
- Front Window Guard
- Agri Tyres
- Joystick with FNR
- Reversible Radiator Fan
- Pneumatic Suspension Seat
- Additional Aux Hydraulic Sockets
- Flow Control on Aux Sockets
- Flow Sharing Distributor
- LED Light Package
- Cabin Comfort Kit
- EEC Towing Hook
- 7-Pole Trailer Socket
- Boom Suspension Device



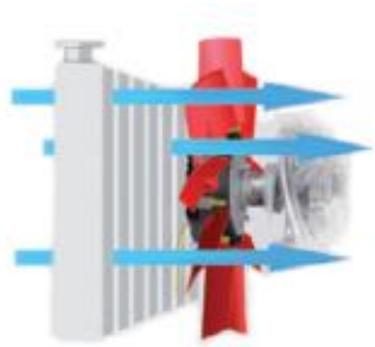
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## Reversible Radiator Fan

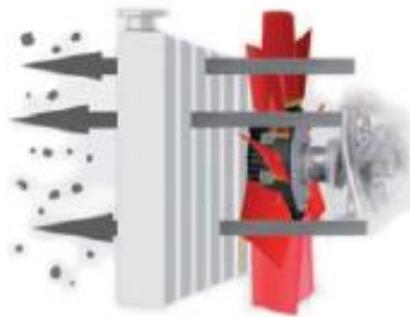
- When activated the rotation direction of the fan changes
- Assists with cleaning dust & debris out of radiator and engine hood covers
- Can be activated without stopping the machine
- Cycles automatically when activated



COOLING



REVERSING AT FULL THROTTLE



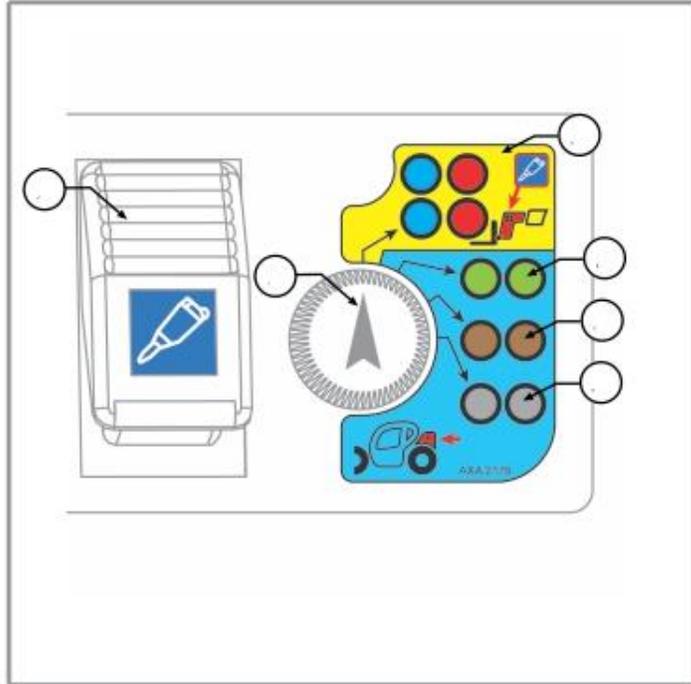
CLEANING





## Additional Auxiliary Hydraulic Sockets with Flow Control

- Two functions at the Front
- Two functions at the Rear
- Continuous hydraulic flow with speed control

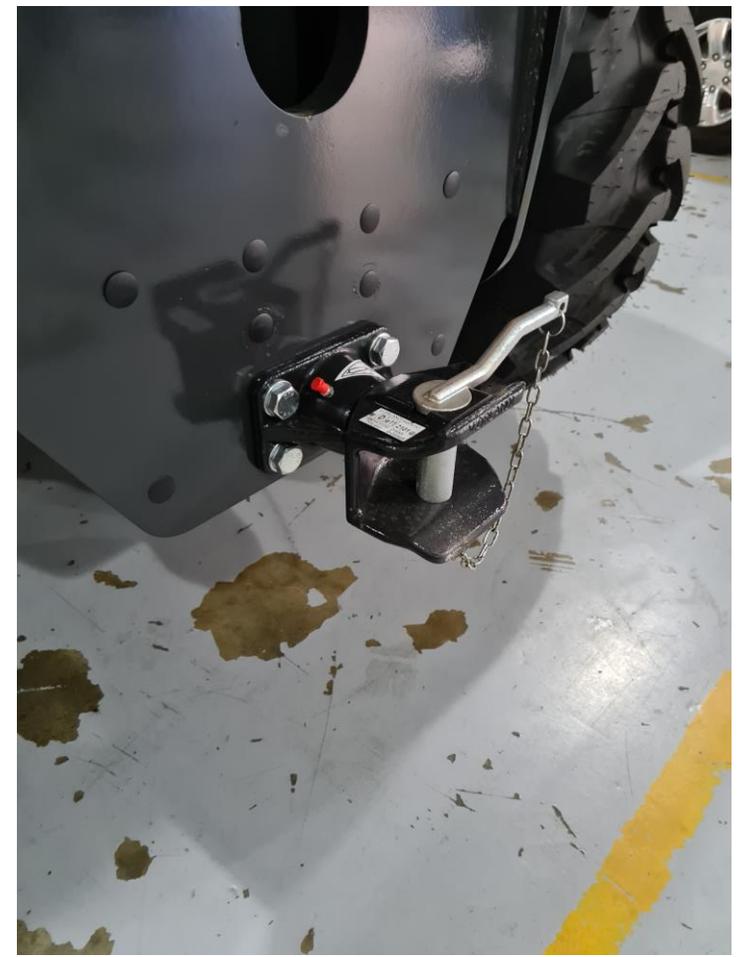




# Premium Features

## EEC Towing Hook with 7-Pole Electrical Socket

- Rotates 360°
- Up to 20ton Capacity



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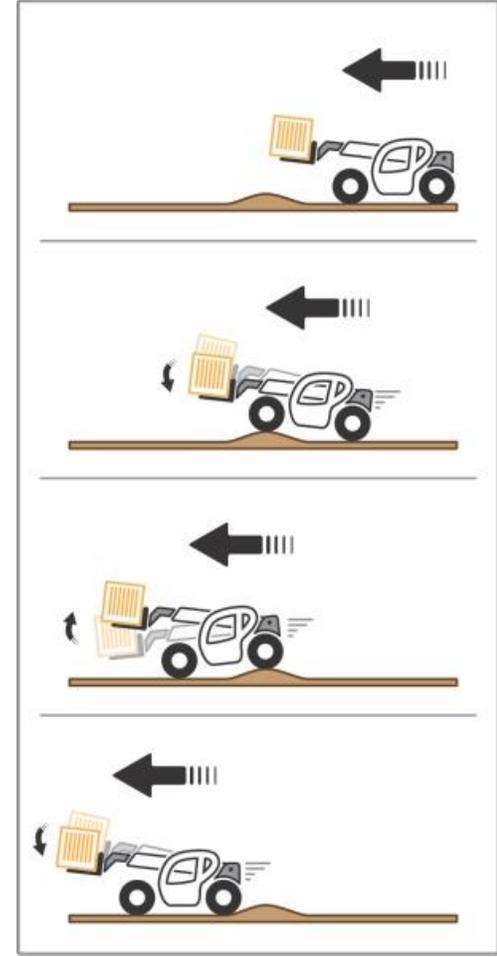




# Premium Features

## Boom Suspension Device

The boom suspension allows to make movements with the machine without being affected by the strong oscillations and jolting, caused by the boom, in the case of uneven ground



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## Flow Sharing Distributor with FNR Joystick

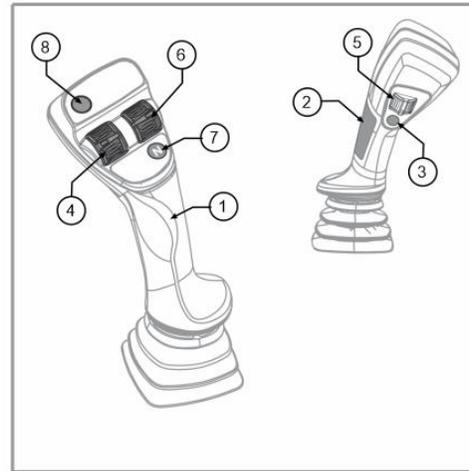
- Closed center services
- Allows for simultaneous hydraulic movements
- One hand can be kept constantly on the Joystick
- Used for boom movements and direction control
- Integrated dead-man switch on Joystick

### Joystick with capacitive deadman switch with FNR function

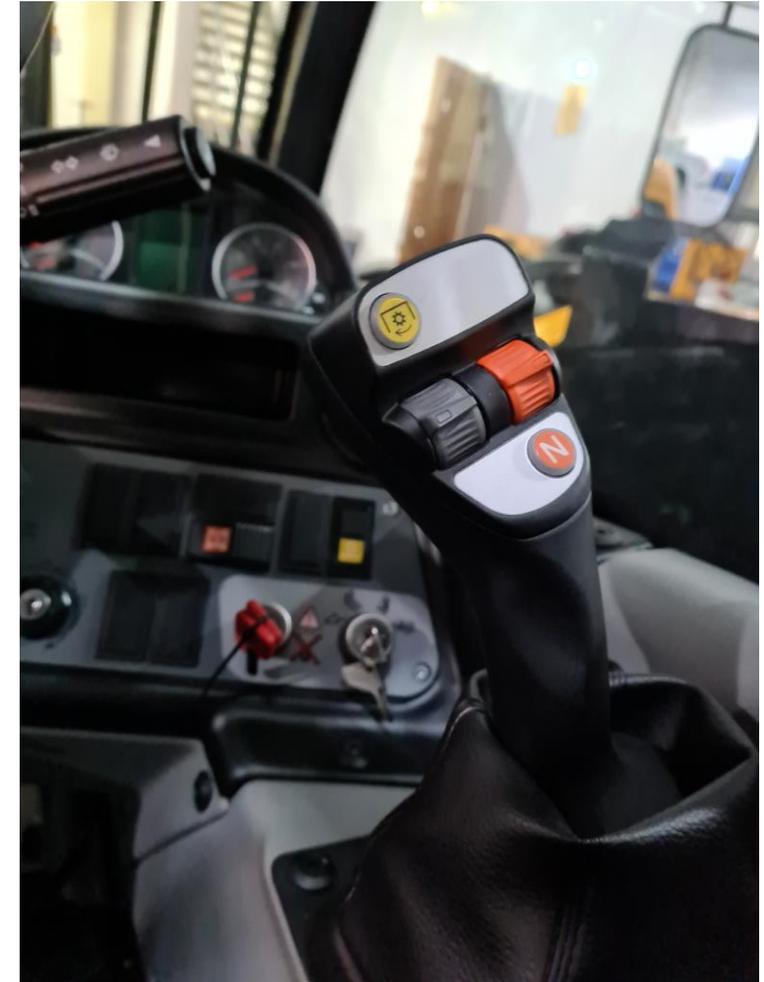
The Joystick allows you to operate all the telescopic boom movements.

It consists of (fig. 1504503):

1. Grip
2. Capacitive sensor
3. Deadman button
4. Extension/retraction roller
5. Services roller
6. F/R roller (forward/backward)
7. N button (idle)
8. Continuous oil function button \*\*



150450-3





# Premium Features

## Additional LED Work Lights

- 2 on the Boom Head
- 2 on Front of the Cabin
- 2 on the Rear of the Cabin



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# Premium Features

## Cabin Comfort Kit

- Suspension Seat
- Sun Visor
- Courtesy Compartment
- Air-conditioner
- Additional Sealing for Dust
- Graduated Spirit Level
- Front Window Guard
- 12V Socket
- 2-Way Steering Column Adjustment



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# Brief Specifications

	Mini Agri	Agri Farmer	Agri Star	Agri Plus
Engine	Kubota 55,4kW	Kubota 73,4kW	FPT 93kW	FPT 93kW
Pulling Force	4400daN	5500daN	7300daN	8200daN
Transmission	Hydrostatic	Hydrostatic	Hydrostatic	Powershift (6 Speed)
Max Speed	30km/h	35km/h	40km/h	40km/h
Hydraulic Flow	80l/min	115l/min	130l/min	190l/min
Boom Up & Down Cycle Speed	11,9s	11,3s	11,1s	10,5s
Boom In & Out Cycle Speed	9,5s	8,9s	8,1s	8,8s
Max Climb Angle	40%	40%	40%	60%
Tyres (Agri)	12/75-18	400/70-24	400/70-24	460/70-24



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# Common Attachments



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Dealer Network - <https://www.dieci.africa/pages/dealers>

Dieci Agriculture - <https://youtu.be/6WsbbsxSP6r8>

Dieci Mini Agri - <https://youtu.be/0MHUkLDeUHQ>

Dieci Agri Farmer - [https://youtu.be/0mkp\\_LZPGLA](https://youtu.be/0mkp_LZPGLA)

Dieci Agri Star - <https://youtu.be/2DUZ-eQRo7E>

Dieci Agri Plus - [https://youtu.be/hfJcR3KfE\\_k](https://youtu.be/hfJcR3KfE_k)



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