



### TECHNICAL DATA

MODEL	Agri Max 50.8 POWER X2	Agri Max 60.9 POWER X2	Agri Max 65.8 POWER X2
ENGINE	FPT	FPT	FPT
DISPLACEMENT	4485 cm <sup>3</sup> (274 in <sup>3</sup> )	4485 cm <sup>3</sup> (274 in <sup>3</sup> )	4485 cm <sup>3</sup> (274 in <sup>3</sup> )
MAXIMUM POWER	128 kW (172 HP) @1900 rpm	128 kW (172 HP) @1900 rpm	128 kW (172 HP) @1900 rpm
EMISSION STANDARD	Stage V/Tier 4f	Stage V/Tier 4f	Stage V/Tier 4f
MAXIMUM SPEED	50 km/h (31,1 mph)	50 km/h (31,1 mph)	50 km/h (31,1 mph)
MAXIMUM CAPACITY	4999 kg (11021 lb)	6000 kg (13228 lb)	6500 kg (14330 lb)
LIFTING HEIGHT	7,70 m (25,3 ft)	8,60 m (28,2 ft)	7,70 m (25,3 ft)
TRANSMISSION	HVT-1	HVT-1	HVT-1

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# AGRI MAX POWER

**THE FIRST**  
HVT-1 TRANSMISSION

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# AGRI MAX POWER X2

## DOUBLE POWER, MAXIMUM EFFICIENCY

Agrimax Power X2 represents the **maximum technological expression** in the telehandlers world.

The most high-performing vehicle in the Dieci agricultural range is equipped with **HVT1 transmission**, a mechatronic jewel capable of increasing **versatility, power and efficiency**.

Furthermore, the **full electronic control** enhances the 172 hp diesel engine performance and guarantees the ideal handling of the vehicle in every working condition.

## HVT1 POWER SPLIT

The new HVT1 transmission with Power Split technology, created in collaboration with the Dana Inc. is composed of a **mechanical** and a **hydrostatic** branch.

The two branches are connected through an epicyclic gear train, while the electronic control manages and combines the two powers to obtain **maximum productivity** in each operating phase.

- **Maximum performance:** continuous variation from 0 to 50 km/h, without torque interruptions
- **Maximum torque to the wheels** in standstill conditions and at low speed
- **Fast and smooth reversing**
- **Minimum consumption** at the highest performance
- **Increased accuracy** and better response in maneuvering and speed control
- The operator can choose a **softer or more aggressive setting** for every work requirement
- **Greater wheel traction:** more comfort for towing a trailer on the road
- **Reduced noise and vibration**
- **Reduced CO2 emissions**
- **Reduced maintenance costs:** oil and filters change every 1000 hours



## POWER MANAGEMENT

The CAN-BUS technology allows a **completely electronic control** of the entire system, optimizing engine, transmission and boom control, through the hardware-software integration.

More **power, speed** up to 50 km/h, **consistency and precision:** power management optimizes the vehicle's performance thanks to the 4 driving modes available:

- ECO
- LOADER
- NORMAL
- CREEPER

### FUEL SAVING

- Handling: -15,1%
- Loading: -13,7%

## NEW STAGE 5 ENGINE

The NEF N45 Turbo Common Rail engine by FPT, evolved to the Stage 5 standard, combines rapid response times to **controls, reliability, low consumption, reduced maintenance and respect for the environment**.

- 4485 cc
- 128 kW - 172 hp
- DOC+SCROF catalysts: integrated particulate filter

## FASTER BOOM

The new boosted Load-Sensing pump allows the **boom** to move **faster**, significantly reducing work times

- Flow rate: 180 liters/minute

