



# ME SERIES

## PRODUCT INTRODUCTION

### VARTA BATTERY

High stability and reliability, excellent tolerance to harsh environments, outstanding cold-cranking performance, long service life, and significantly reduced maintenance costs for tractors.



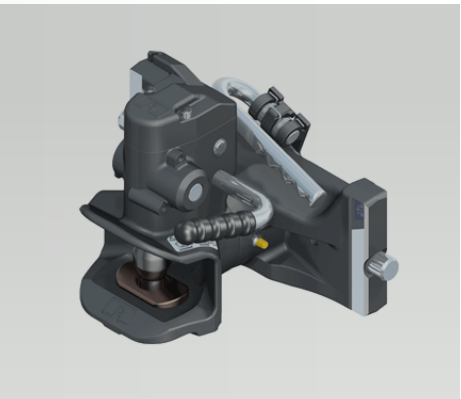
### FRONT THREE POINT SUSPENSION

FoTrak front three point suspension system is designed specifically for its own tractors, supporting front-mounted implement attachment and significantly enhancing operational flexibility.



### EUROPEAN STYLE HOOK

- QUICK & EFFICIENT: Slashes hitching time, boosts productivity.
- EASY OPERATION: Effortless one-person hookup with user-centric design.
- WIDE COMPATIBILITY: Height adjustment fits diverse Eurospec implements.



### 8+8 SYNCHRONIZED GEARBOX

- Smooth & efficient shifting
- Ultra-wide speed range
- Reduced driver fatigue
- Improved work quality
- Enhanced drivetrain durability
- Adaptability to complex tasks



## FOTRAK NEW GENERATION ENGINE HOOD

Make Every Glance a Moment of Awe

- The bold, three-dimensional front grille paired with the uniquely designed hood face not only creates a striking visual centerpiece but also significantly enhances heat dissipation and ventilation, boosting engine performance.
- The FoTrak hood dynamic LED light strip carves a distinctive edge with its flowing illumination.



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## PRODUCT INTRODUCTION



### ERGONOMICALLY DESIGNED CAB

- Comfort and user-friendly, ergonomic design – these are the main features of FoTrak cabs. Every control feature has been designed with the respect to highest ergonomics, tractor operation and to increase maximum utility and comfort in all terrains and environments.
- The tractor can be equipped with the Grammer seat that guarantees driver comfort.



### FRONT AXLE

- Heavy-duty Load capacity
- Durability in harsh conditions
- Steering precision & stability
- Optimized power transfer



### GRAMMER SEAT

- Provides top-tier damping protection under harsh operating conditions, effectively safeguarding driver health.
- The robust and reliable mechanical structure enables low maintenance costs and a long service life.
- Offers extensive ergonomic adjustments to create a personalized, comfortable seating position for drivers of different physiques.
- Combines high safety standards with excellent fundamental comfort.



### AIR BRAKE

- High reliability
- Strong and stable braking force
- Failure protection capability
- Easy implementation of multiple circuits and trailer braking



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## PRODUCT INTRODUCTION

Building high-performance tractors with exceptional quality, reliable durability and cost-efficient value.

FoTrak—we can, we do!

### 01 DONALDSON AIR FILTER

ME404/ME504

#### ○ Low Resistance, High Airflow

Featuring straight-through intake design to minimize air resistance while maintaining superior filtration efficiency. Ensures optimal airflow for maximum engine performance.

#### ○ More Complete Combustion, Greater Power

The optimized intake system promotes perfect air-fuel mixture, ensuring thorough combustion for increased engine output, reduced fuel consumption, and higher working efficiency.

#### ○ Long Service Life, Cost-Effective

Premium filter media and robust construction significantly extend replacement intervals, reducing maintenance frequency and operating costs while protecting engine health.



### 02 YUCHAI ENGINE

ME404/ME504

#### ○ Unmatched Reliability & Durability

Engineered for heavy-duty performance with rugged construction to withstand the toughest farming conditions.

#### ○ Superior Power & Torque

Delivers exceptional pulling power and high torque output for maximum productivity in field operations.

#### ○ Eco-Friendly & Quiet Operation

Meets stringent Stage V emission standards with reduced noise levels for environmentally responsible farming.

#### ○ Advanced Fuel Efficiency

Features smart electronic fuel injection system that optimizes combustion for outstanding fuel economy.



### 03 9' INCH CLUTCH

#### ○ Premium Durability & Reliability

Precision-engineered with wear-resistant materials for extended service life under heavy workloads.

#### ○ Optimized Pressure Plate Performance

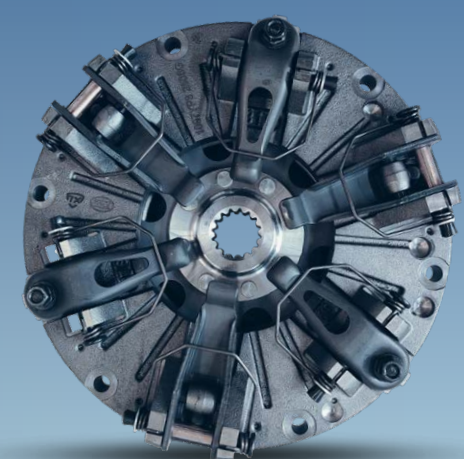
Features advanced spring technology for consistent clamping force and smooth power transfer.

#### Seamless Gear Shifting

Reduces shift shock and vibration for effortless operation throughout your workday.

#### ○ Low-Maintenance Design

Proven construction minimizes failure rates, keeping your tractor productive season after season.





# ME504C TRACTOR

## •YUCHAI ENGINE

|                                                |  |                      |
|------------------------------------------------|--|----------------------|
| No. of Cylinders/Capacity (cc)/Emissions Level |  | 4/ 2488/CRDI Stage V |
| After Treatment System                         |  | DOC+DPF              |
| Rated Engine Power (Kw/Hp)                     |  | 36.8/50              |
| Rated Engine Speed                             |  | 2400                 |
| Max. Torque (Nm)                               |  | 205@1300-1700 Rpm    |
| Aspiration                                     |  | Turbo Charged        |
| Air Cleaner                                    |  | Dual Stage Dry Type  |
| Updraft Exhaust Pipe                           |  | Updraft Exhaust Pipe |
| Fuel Tank Capacity (L)                         |  | 45L                  |

## •TRANSMISSION

|                                       |  |                            |
|---------------------------------------|--|----------------------------|
| 8+8 Shuttle Synchro Gear Transmission |  | Yes                        |
| Drive                                 |  | 4WD (All-Wheel Switchable) |
| Clutch                                |  | Double Action Clutch       |

## •SPEED(FORWARD)

|                       |  |          |
|-----------------------|--|----------|
| Maximum Forward Speed |  | 29.9km/h |
| Minimum Forward Speed |  | 2.14km/h |

## •BRAKE

|                   |  |              |
|-------------------|--|--------------|
| Brake             |  | Oil Immersed |
| Type of Actuation |  | Mechanical   |
| Parking Brake     |  | Independent  |
| Air Brake         |  | Yes          |

## •DIFFERENTIAL LOCK

|                   |  |                    |
|-------------------|--|--------------------|
| Differential Lock |  | Yes, Hand Operated |
|-------------------|--|--------------------|

## •FRONT AXLE

|                |  |     |
|----------------|--|-----|
| 4WD Front Axle |  | Yes |
|----------------|--|-----|

## •PTO

|           |  |            |
|-----------|--|------------|
| PTO Type  |  | Mechanical |
| PTO (rpm) |  | 540/540E   |

## •STEERING

|          |  |                |
|----------|--|----------------|
| Steering |  | Power Steering |
|----------|--|----------------|

## •HYDRAULIC

|                                                       |  |            |
|-------------------------------------------------------|--|------------|
| Hydraulic Pump Flow (Lpm)                             |  | 38@2400Rpm |
| Open Center Mechanical Draft Control                  |  | Yes        |
| Top Link Draft Sensing                                |  | Yes        |
| Lift Capacity (kN)(610mm Behind The Suspension Point) |  | ≥6         |
| Lift Capacity (kN)(At The Coupling Point)             |  | ≥11        |
| Linkage Category                                      |  | I          |
| No.of Rear Remotes                                    |  | 2          |

## •REAR HITCHES

|                        |  |     |
|------------------------|--|-----|
| E-Mark Swing Drawbar   |  | Yes |
| E-Mark Adjustable Hook |  | Yes |

## •TRAILER BRAKE

|               |  |     |
|---------------|--|-----|
| Trailer Brake |  | Yes |
|---------------|--|-----|

## •ELECTRICALS

|                                                 |  |           |
|-------------------------------------------------|--|-----------|
| Battery                                         |  | 12V,120AH |
| Alternator                                      |  | 14V,70A   |
| Battery Cut off Switch, Seven On Trailer Socket |  | Yes       |

## •SAFETY SWITCH

|                       |  |          |
|-----------------------|--|----------|
| Seat Safety Switch    |  | Standard |
| PTO Safety Switch     |  | Standard |
| Neutral Safety Switch |  | Standard |
| Clutch Safety Switch  |  | Standard |
| Parking Safety Switch |  | Standard |

## •DIMENSIONS

|                                |  |                                                                   |
|--------------------------------|--|-------------------------------------------------------------------|
| Wheelbase(mm)                  |  | 1923                                                              |
| Overall Height (mm)            |  | 2600(Up To The Roof of Cab)/2730(To The Top of The Warning Light) |
| Overall Width (mm)             |  | 1500-1600                                                         |
| Overall Length (mm)            |  | 3430                                                              |
| Front Track Width (mm)         |  | 1225                                                              |
| Rear Track Width (mm)          |  | 1180-1280                                                         |
| Ground Clearance(mm)           |  | 290                                                               |
| Minimum Use Mass(Kg)           |  | 2245                                                              |
| Tyre Combination (Radial Tire) |  | 280/70R18 &320/85R28                                              |
| Tyre Combination (Lawn Tires)  |  | 8-16&360/80-20                                                    |
| Tyre Combination (Agri Tires)  |  | 7.5-16& 12.4-24                                                   |



# ME504R TRACTOR

## •YUCHAI ENGINE

|                                                |  |                      |
|------------------------------------------------|--|----------------------|
| No. of Cylinders/Capacity (cc)/Emissions Level |  | 4/ 2488/CRDI Stage V |
| After Treatment System                         |  | DOC+DPF              |
| Rated Engine Power (Kw/Hp)                     |  | 36.8/50              |
| Rated Engine Speed                             |  | 2400                 |
| Max. Torque (Nm)                               |  | 205@1300-1700 Rpm    |
| Aspiration                                     |  | Turbo Charged        |
| Air Cleaner                                    |  | Dual Stage Dry Type  |
| Updraft Exhaust Pipe                           |  | Updraft Exhaust Pipe |
| Fuel Tank Capacity (L)                         |  | 45L                  |

## •TRANSMISSION

|                                       |  |                            |
|---------------------------------------|--|----------------------------|
| 8+8 Shuttle Synchro Gear Transmission |  | Yes                        |
| Drive                                 |  | 4WD (All-Wheel Switchable) |
| Clutch                                |  | Double Action Clutch       |

## •SPEED(FORWARD)

|                       |  |          |
|-----------------------|--|----------|
| Maximum Forward Speed |  | 29.9km/h |
| Minimum Forward Speed |  | 2.14km/h |

## •BRAKE

|                   |  |              |
|-------------------|--|--------------|
| Brake             |  | Oil Immersed |
| Type of Actuation |  | Mechanical   |
| Parking Brake     |  | Independent  |
| Air Brake         |  | Yes          |

## •DIFFERENTIAL LOCK

|                   |  |                    |
|-------------------|--|--------------------|
| Differential Lock |  | Yes, Hand Operated |
|-------------------|--|--------------------|

## •FRONT AXLE

|                |  |     |
|----------------|--|-----|
| 4WD Front Axle |  | Yes |
|----------------|--|-----|

## •PTO

|           |  |            |
|-----------|--|------------|
| PTO Type  |  | Mechanical |
| PTO (rpm) |  | 540/540E   |

## •STEERING

|          |  |                |
|----------|--|----------------|
| Steering |  | Power Steering |
|----------|--|----------------|

## •HYDRAULIC

|                                                       |  |            |
|-------------------------------------------------------|--|------------|
| Hydraulic Pump Flow (Lpm)                             |  | 38@2400Rpm |
| Open Center Mechanical Draft Control                  |  | Yes        |
| Top Link Draft Sensing                                |  | Yes        |
| Lift Capacity (kN)(610mm Behind The Suspension Point) |  | ≥6         |
| Lift Capacity (kN)(At The Coupling Point)             |  | ≥11        |
| Linkage Category                                      |  | I          |
| No.of Rear Remotes                                    |  | 2          |

## •REAR HITCHES

|                        |  |     |
|------------------------|--|-----|
| E-Mark Swing Drawbar   |  | Yes |
| E-Mark Adjustable Hook |  | Yes |

## •TRAILER BRAKE

|               |  |     |
|---------------|--|-----|
| Trailer Brake |  | Yes |
|---------------|--|-----|

## •ELECTRICALS

|                                                 |  |           |
|-------------------------------------------------|--|-----------|
| Battery                                         |  | 12V,120AH |
| Alternator                                      |  | 14V,70A   |
| Battery Cut off Switch, Seven On Trailer Socket |  | Yes       |

## •SAFETY SWITCH

|                       |  |          |
|-----------------------|--|----------|
| Seat Safety Switch    |  | Standard |
| PTO Safety Switch     |  | Standard |
| Neutral Safety Switch |  | Standard |
| Clutch Safety Switch  |  | Standard |
| Parking Safety Switch |  | Standard |

## •DIMENSIONS

|                                |  |                      |
|--------------------------------|--|----------------------|
| Wheelbase(mm)                  |  | 1923                 |
| Overall Height (mm)            |  | 2730(Up To ROPS)     |
| Overall Width (mm)             |  | 1500-1600            |
| Overall Length (mm)            |  | 3430                 |
| Front Track Width (mm)         |  | 1225                 |
| Rear Track Width (mm)          |  | 1180-1280            |
| Ground Clearance(mm)           |  | 290                  |
| Minimum Use Mass(Kg)           |  | 2110                 |
| Tyre Combination (Radial Tire) |  | 280/70R18 &320/85R28 |
| Tyre Combination (Lawn Tires)  |  | 8-16&360/80-20       |
| Tyre Combination (Agri Tires)  |  | 7.5-16& 12.4-24      |



# ME254C TRACTOR

## •LAIDONG ENGINE

|                                                |                      |
|------------------------------------------------|----------------------|
| No. of Cylinders/Capacity (cc)/Emissions Level | 3/ 1532/CRDI Stage V |
| After Treatment System                         | DOC                  |
| Rated Engine Power (Kw/Hp)                     | 18.4/25              |
| Rated Engine Speed                             | 2400                 |
| Max. Torque (Nm)                               | 86@1700±100 Rpm      |
| Aspiration                                     | Natural Aspiration   |
| Air Cleaner                                    | Dual Stage Dry Type  |
| Updraft Exhaust Pipe                           | Lower Exhaust Pipe   |
| Fuel Tank Capacity (L)                         | 45L                  |

## •TRANSMISSION

|                                       |                             |
|---------------------------------------|-----------------------------|
| 8+8 Shuttle Synchro Gear Transmission | Yes                         |
| Drive                                 | 4 WD (All-Wheel Switchable) |
| Clutch                                | Double Action Clutch        |

## •SPEED(FORWARD)

|                       |          |
|-----------------------|----------|
| Maximum Forward Speed | 29.9km/h |
| Minimum Forward Speed | 2.14km/h |

## •BRAKE

|                   |              |
|-------------------|--------------|
| Brake             | Oil Immersed |
| Type of Actuation | Mechanical   |
| Parking Brake     | Independent  |
| Air Brake         | Yes          |

## •DIFFERENTIAL LOCK

|                   |                    |
|-------------------|--------------------|
| Differential Lock | Yes, hand Operated |
|-------------------|--------------------|

## •FRONT AXLE

|                |     |
|----------------|-----|
| 4WD Front Axle | Yes |
|----------------|-----|

## •PTO

|           |            |
|-----------|------------|
| PTO Type  | Mechanical |
| PTO (rpm) | 540/540E   |

## •STEERING

|          |                |
|----------|----------------|
| Steering | Power Steering |
|----------|----------------|

## •HYDRAULIC

|                                                       |            |
|-------------------------------------------------------|------------|
| Hydraulic Pump Flow (Lpm)                             | 38@2400Rpm |
| Open Center Mechanical Draft Control                  | Yes        |
| Top Link Draft Sensing                                | Yes        |
| Lift Capacity (kN)(610mm Behind The Suspension Point) | ≥5         |
| Lift Capacity (kN)(At The Coupling Point)             | ≥9         |
| Linkage Category                                      | I          |
| No.of Rear Remotes                                    | 2          |

## •REAR HITCHES

|                        |     |
|------------------------|-----|
| E-Mark Swing Drawbar   | Yes |
| E-Mark Adjustable Hook | Yes |

## •TRAILER BRAKE

|               |     |
|---------------|-----|
| Trailer Brake | Yes |
|---------------|-----|

## •ELECTRICALS

|                                                 |           |
|-------------------------------------------------|-----------|
| Battery                                         | 12V, 80AH |
| Alternator                                      | 14V,25A   |
| Battery Cut off Switch, Seven On Trailer Socket | Yes       |

## •SAFETY SWITCH

|                       |          |
|-----------------------|----------|
| Seat Safety Switch    | Standard |
| PTO Safety Switch     | Standard |
| Neutral Safety Switch | Standard |
| Clutch Safety Switch  | Standard |
| Parking Safety Switch | Standard |

## •DIMENSIONS

|                                |                                                                      |
|--------------------------------|----------------------------------------------------------------------|
| Wheelbase(mm)                  | 1720                                                                 |
| Overall Height (mm)            | 2500(Up To The Roof of Cab)<br>2640(To The Top of The Warning Light) |
| Overall Width (mm)             | 1460-1560                                                            |
| Overall Length (mm)            | 3350                                                                 |
| Front Track Width (mm)         | 1225                                                                 |
| Rear Track Width (mm)          | 1180-1280                                                            |
| Ground Clearance(mm)           | 240                                                                  |
| Minimum Use Mass(Kg)           | 2025                                                                 |
| Tyre Combination (Radial Tire) | 260/70R16 &280/85R24                                                 |
| Tyre Combination (Lawn Tire)   | 8-16&360/80-20                                                       |
| Tyre Combination (Agri Tire)   | 6.0-16& 9.5-24                                                       |



# ME254R TRACTOR

## •LAIDONG ENGINE

|                                                |  |                      |
|------------------------------------------------|--|----------------------|
| No. of Cylinders/Capacity (cc)/Emissions Level |  | 3/ 1532/CRDI Stage V |
| After Treatment System                         |  | DOC                  |
| Rated Engine Power (Kw/Hp)                     |  | 18.4/25              |
| Rated Engine Speed                             |  | 2400                 |
| Max. Torque (Nm)                               |  | 86@1700±100 Rpm      |
| Aspiration                                     |  | Natural Aspiration   |
| Air Cleaner                                    |  | Dual Stage Dry Type  |
| Updraft Exhaust Pipe                           |  | Lower Exhaust Pipe   |
| Fuel Tank Capacity (L)                         |  | 45L                  |

## •TRANSMISSION

|                                       |  |                             |
|---------------------------------------|--|-----------------------------|
| 8+8 Shuttle Synchro Gear Transmission |  | Yes                         |
| Drive                                 |  | 4 WD (All-Wheel Switchable) |
| Clutch                                |  | Double Action Clutch        |

## •SPEED(FORWARD)

|                       |  |          |
|-----------------------|--|----------|
| Maximum Forward Speed |  | 29.9km/h |
| Minimum Forward Speed |  | 2.14km/h |

## •BRAKE

|                   |  |              |
|-------------------|--|--------------|
| Brake             |  | Oil Immersed |
| Type of Actuation |  | Mechanical   |
| Parking Brake     |  | Independent  |
| Air Brake         |  | Yes          |

## •DIFFERENTIAL LOCK

|                   |  |                    |
|-------------------|--|--------------------|
| Differential Lock |  | Yes, hand Operated |
|-------------------|--|--------------------|

## •FRONT AXLE

|                |  |     |
|----------------|--|-----|
| 4WD Front Axle |  | Yes |
|----------------|--|-----|

## •PTO

|           |  |            |
|-----------|--|------------|
| PTO Type  |  | Mechanical |
| PTO (rpm) |  | 540/540E   |

## •STEERING

|          |  |                |
|----------|--|----------------|
| Steering |  | Power Steering |
|----------|--|----------------|

## •HYDRAULIC

|                                                       |  |            |
|-------------------------------------------------------|--|------------|
| Hydraulic Pump Flow (Lpm)                             |  | 38@2400Rpm |
| Open Center Mechanical Draft Control                  |  | Yes        |
| Top Link Draft Sensing                                |  | Yes        |
| Lift Capacity (kN)(610mm Behind The Suspension Point) |  | ≥5         |
| Lift Capacity (kN)(At The Coupling Point)             |  | ≥9         |
| Linkage Category                                      |  | I          |
| No.of Rear Remotes                                    |  | 2          |

## •REAR HITCHES

|                        |  |     |
|------------------------|--|-----|
| E-Mark Swing Drawbar   |  | Yes |
| E-Mark Adjustable Hook |  | Yes |

## •TRAILER BRAKE

|               |  |     |
|---------------|--|-----|
| Trailer Brake |  | Yes |
|---------------|--|-----|

## •ELECTRICALS

|                                                 |  |           |
|-------------------------------------------------|--|-----------|
| Battery                                         |  | 12V, 80AH |
| Alternator                                      |  | 14V, 25A  |
| Battery Cut off Switch, Seven On Trailer Socket |  | Yes       |

## •SAFETY SWITCH

|                       |  |          |
|-----------------------|--|----------|
| Seat Safety Switch    |  | Standard |
| PTO Safety Switch     |  | Standard |
| Neutral Safety Switch |  | Standard |
| Clutch Safety Switch  |  | Standard |
| Parking Safety Switch |  | Standard |

## •DIMENSIONS

|                                |  |                      |
|--------------------------------|--|----------------------|
| Wheelbase(mm)                  |  | 1720                 |
| Overall Height (mm)            |  | 2630(Up To ROPS)     |
| Overall Width (mm)             |  | 1460-1560            |
| Overall Length (mm)            |  | 3350                 |
| Front Track Width (mm)         |  | 1225                 |
| Rear Track Width (mm)          |  | 1180-1280            |
| Ground Clearance(mm)           |  | 240                  |
| Minimum Use Mass(Kg)           |  | 1885                 |
| Tyre Combination (Radial Tire) |  | 260/70R16 &280/85R24 |
| Tyre Combination (Lawn Tire)   |  | 8-16&360/80-20       |
| Tyre Combination (Agri Tire)   |  | 6.0-16& 9.5-24       |