

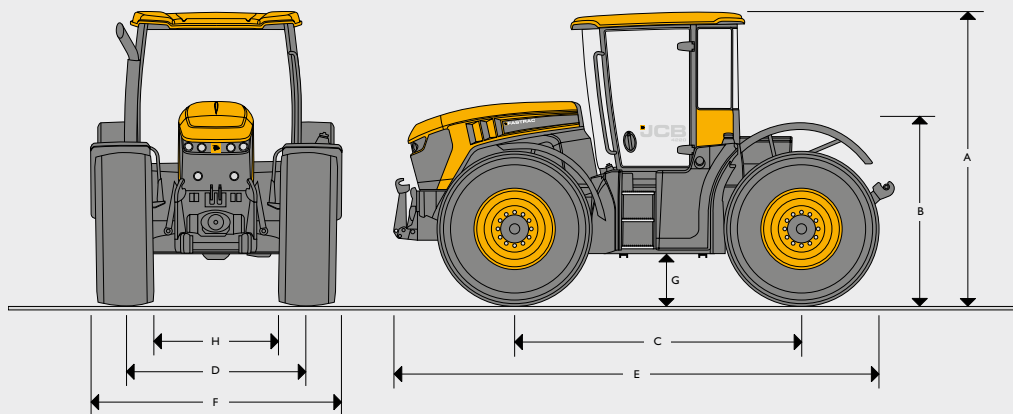


## **FASTRAC** | 4000 SERIES

Rated power: 160 – 217hp (119 – 162kW)



## STATIC DIMENSIONS 4160, 4190, 4220



| Tyres |                     | 540/65 R34             |
|-------|---------------------|------------------------|
| A     | Height over cab     | m 3.00                 |
| B     | Height to deck      | m 1.67                 |
| C     | Wheelbase           | m 2.98                 |
| D     | Track width         | m 1.83 / 2.00 standard |
| E     | Overall length      | m 5.40                 |
| F     | Overall width       | m 2.55                 |
| G     | Ground clearance    | m 0.45                 |
| H     | Width between tyres | m 1.47                 |

## ENGINE

| Model                      |            | 4160                         | 4190      | 4220        |
|----------------------------|------------|------------------------------|-----------|-------------|
| Rated Power hp @ 2100rpm   | hp (kW)    | 167 (125)                    | 189 (141) | 217 (163)   |
| Maximum Power hp @ 1900rpm | hp (kW)    | 175 (133)                    | 208 (157) | 235 (179)   |
| Maximum Torque @ 1500rpm   | lb-ft (Nm) | 605 (820)                    | 697 (945) | 700.6 (950) |
| Make                       |            | AGCO Power                   |           |             |
| Model                      |            | 66 LFTN                      |           |             |
| Injection                  |            | Bosch CP4 common rail        |           |             |
| No. of cylinders           |            | 6                            |           |             |
| Capacity                   | cc         | 6596                         |           |             |
| Bore                       | mm         | 108                          |           |             |
| Stroke                     | mm         | 120                          |           |             |
| Cooling                    |            | Water                        |           |             |
| Air cleaner                |            | Powercore dry element        |           |             |
| Aspiration                 |            | Turbocharged and intercooled |           |             |

## SUSPENSION

Front and rear: Hydro-pneumatic self levelling. 45mm single-acting standard. 55mm double-acting option.

## ELECTRICAL SYSTEM

|                   |          |         |
|-------------------|----------|---------|
| System voltage    | Volt     | 12      |
| Alternator output | Amp      | 200     |
| Battery capacity  | Amp hour | 2 x 110 |

## CAPACITIES

|                |        |     |
|----------------|--------|-----|
| Fuel tank      | litres | 390 |
| Hydraulic tank | litres | 130 |
| Urea tank      | litres | 45  |

## HYDRAULICS

|                                           |                                                                                                                                        |  |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--|
| Rear 3 point linkage control              | Electronic raise/lower with depth, draft/position intermix, rate of drop and maximum lift height control plus external lift and lower. |  |
| Rear 3 point linkage type                 | Category III; Quick attach hook ends, eye end top link.                                                                                |  |
| Rear 3 point linkage capacity             | 7000kg or 8000kg option available                                                                                                      |  |
| Front 3 point linkage (optional) control  | Electronic raise/lower with depth, rate of drop and maximum lift height control plus external lift and lower.                          |  |
| Front 3 point linkage (optional) type     | Category IIIN; Quick attach hook ends, folding arm.                                                                                    |  |
| Front 3 point linkage (optional) capacity | 3500kg                                                                                                                                 |  |

## AUXILIARY HYDRAULICS

|                                     |                                                                                                                                                                   |     |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Max. oil flow @ 2100rpm rated speed | l/min                                                                                                                                                             | 195 |
| Flow per slice                      | l/min                                                                                                                                                             | 100 |
| Operating pressure                  | bar                                                                                                                                                               | 206 |
| Spool valves                        | Up to 6 double acting valves with flow and time control, constant pumping and float position.                                                                     |     |
| Standard (Agricultural version)     | 4 rear spools with rear free flow return                                                                                                                          |     |
| Optional (Agricultural version)     | 4 or 5 rear spools, 0, 1 or 2 front spools, Front free flow return. Rear load sensing hydraulic connection (power beyond) and priority flow control (green spool) |     |
| Standard (Utility version)          | 3 front and 3 rear spools with rear free flow return.                                                                                                             |     |
| Optional (Utility version)          | 2 rear spool valves, 4 front spool valves, Front free flow return, Rear load sensing hydraulic connection (power beyond) and priority flow control (green spool)  |     |
| Couplers                            | ISO deluxe quick release (release under pressure type).                                                                                                           |     |

## POWER TAKE OFF

|                         |                                                                                       |           |           |           |
|-------------------------|---------------------------------------------------------------------------------------|-----------|-----------|-----------|
| Rear PTO type           | 4 speed PTO with electro hydraulic soft engage and electro-hydraulic speed shift      |           |           |           |
| Front PTO (Optional)    | 1000 rpm with electro hydraulic soft engage. Centre output or Offset output (Utility) |           |           |           |
| Rear PTO speeds         | 540/1000/540E/1000E                                                                   |           |           |           |
| Rear PTO output spline  | 6 and 21 spline   3/8" diameter (standard)                                            |           |           |           |
| Front PTO output spline | 6 spline   3/8" diameter (territory specific)                                         |           |           |           |
| Model                   | 4160                                                                                  | 4190      | 4220      |           |
| PTO power               | hp (kW)                                                                               | 140 (103) | 169 (124) | 197 (145) |

| AXLES                       |                                              |
|-----------------------------|----------------------------------------------|
| Type                        | Beam with outboard epicyclic reduction hubs. |
| Wheel mountings             | 12 stud front axle, 12 stud rear axle.       |
| Four wheel drive engagement | Electrohydraulic front & rear..              |
| Differentials               | Front & Rear: electrohydraulic soft engage.  |

| STEERING                   |                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Type                       | <b>Standard:</b> Hydrostatic steering, fixed ratio.<br><b>Optional:</b> Hydrostatic steering, GPS ready with RapidSteer. |
| Four wheel steer system    | Advanced speed sensitive 4WS with multiple operation modes and auto controls.                                            |
| Minimum 4WS turning circle | 9.8m (540/65 R30)                                                                                                        |

| BRAKES         |                                                                                                                                                                                                           |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type           | Outboard disc brakes, twin caliper on all 4 wheels                                                                                                                                                        |
| Operation      | Air over hydraulic to EEC truck specification. ABS available in all territories as either standard fitment or option. Hillhold function optional on ABS tractors comes with traction control.             |
| Trailer brakes | Standard twin line air trailer brakes. Territory specific single line hydraulic trailer brakes. Air trailer brake automatically applied by tractor park brake. 12V trailer ABS supply socket as standard. |

| TRANSMISSION |                                                                                  |
|--------------|----------------------------------------------------------------------------------|
| Type         | AGCO ML180 2 range continuously variable transmission with 6 modes of operation. |
| Speeds       | Low range: 0-30kph. High range 0-60kph                                           |

| VEHICLE WEIGHTS                        |    |            |           |        |
|----------------------------------------|----|------------|-----------|--------|
|                                        |    | Front axle | Rear axle | Total  |
| Base machine                           | kg | 4000       | 3990      | 7990   |
| + 600/70 R30, front link and front PTO | kg | 4800       | 4150      | 8950   |
| Maximum permissible mass               | kg | 8000       | 10000     | 14,500 |

| WHEELS AND TYRES                                                                                                           |                                             |                                  |                                           |                         |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------|-------------------------------------------|-------------------------|
|                                                                                                                            | Brand                                       | Size                             | Track width standard mm                   | Track width reversed mm |
| Agricultural pattern                                                                                                       | MITAS HC2000 (VF) / Michelin Axiobib 2 (VF) | 540/65 R30                       | 1870 / 2000                               | 2264 / 2134             |
| Agricultural pattern                                                                                                       | BKT SIRO / MITAS HC2000 (VF)                | 540/65 R34                       | 1870 / 2000                               | 2264 / 2134             |
| Agricultural pattern                                                                                                       | (VF) / Michelin Axiobib 2 (VF)              | 540/65R34 Front & 600/70R30 Rear | 2015                                      | 2218 / 2134             |
| Agricultural pattern                                                                                                       | BKT Agrimax / Trelleborg TM900              | 600/70 R30                       | 1830                                      | 1930                    |
| Agricultural pattern                                                                                                       | BKT SPARGO (VF)                             | 380/85 R38                       | Adjustable bolted rims - 8 track settings |                         |
| Utility pattern                                                                                                            | Nokian TRI 2                                | 500/65 R28                       | 1870                                      | 2264                    |
| Utility pattern                                                                                                            | Nokian Hakkapellitta                        | 540/65 R30                       | 1870                                      | 2264                    |
| Utility pattern                                                                                                            | BKT Ridemax                                 | 540/65 R30                       | 1870                                      | 2264                    |
| Front directional and rear fixed and enclosed fenders. Fixed chassis mounted fenders. All tyres are speed rated for 65km/h |                                             |                                  |                                           |                         |

|                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CAB STANDARD EQUIPMENT INCLUDES:</b>                      | Fully automatic climate control, Air suspension seat with armrest mounted transmission and auxiliary controls, Colour touch screen display providing transmission information and setup capability, Electronic spool valves, Priority flow, Category 2 filtration, Front and rear wash wipe, Front sunblind, Full road lighting equipment, Auxiliary electrical and speed sensor sockets, Full size passenger seat, Lap belt for driver and passenger, Side console illumination, Slimline backlit dashboard, Storage compartment, Radio preparation with single DIN slot and four speakers. Cable access through rear window, Rear fender mounted raise/lower and PTO switches, Rear window blind, Wide angle mirrors. |
| <b>OPTIONAL EQUIPMENT (DEPENDING ON MODEL AND TERRITORY)</b> | 850kg front weight, 900kg rear deck weight, headland turn assist with radar and performance monitor, deluxe seating options, heated front and rear screens, electric heated mirrors, Auxiliary audio input, Halogen and LED worklights options, external rear fender control buttons, 7 pin front power socket, 3 pin front or rear power socket, Interior rear view mirror, Automatic rear linkage stabilisers, Knuckle end top link, Hydraulic top link, Electric cool box, Rear hitch camera, Roof window, Rear deck mounting frame.                                                                                                                                                                                 |

| 4000 SERIES INDUSTRIAL OPTIONS SUMMARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Utility front chassis with 200mm of height adjustable DIN mounting</li><li>• Offset front PTO</li><li>• Type B / 3, F1-C / 5 (utility chassis mounted) and front linkage mounted DIN plates</li><li>• Front mounted 7 pin (lighting) and 3 pin (power supply) sockets</li><li>• Front axle Stability Control System</li><li>• Agricultural and utility rear deck frames</li><li>• 28" wheels</li><li>• Industrial/winter Nokian tyres</li><li>• Orange body panels</li></ul> |



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