

# SPECIFICATION

| MODEL  | LANDINI   | POWERFARM<br>85 | POWERFARM<br>95 | POWERFARM<br>95RPS | POWERFARM<br>105 | POWERFARM<br>105RPS |
|--|-----------|-----------------|-----------------|--------------------|------------------|---------------------|
| <b>ENGINE</b>  |           |                 |                 |                    |                  |                     |
| DirectInjection Perkins Engine   |           | 1104C-44        | 1104C-44T       | 1104C-44T          | 1104C-44T        | 1104C-44T           |
| Max.Power ISO (hp/kW)  |           | 82/60           | 92/68           | 92/68              | 99/73            | 99/73               |
| Rated Speed (rpm)  |           | 2200            | 2200            | 2200               | 2200             | 2200                |
| Max Torque (Nm)  |           | 292             | 380             | 380                | 364              | 364                 |
| Max Torque speed (rpm)   |           | 1400            | 1400            | 1400               | 1400             | 1400                |
| Bore/Stroke (mm)   |           | 105/127         | 105/127         | 105/127            | 105/127          | 105/127             |
| Displacement/Nr. of cylinders (cm <sup>3</sup> )   |           | 4400/4          | 4400/4          | 4400/4             | 4400/4           | 4400/4              |
| CompressionRatio   |           | 19.3:1          | 18.2:1          | 18.2:1             | 18.2:1           | 18.2:1              |
| Water Cooling  |           | STD             | STD             | STD                | STD              | STD                 |
| Air filter Dry Type  |           | STD             | STD             | STD                | STD              | STD                 |
| Fuel Tank Capacity (lt)  |           | 102             | 102             | 102                | 102              | 102                 |
| <b>CLUTCH UNIT</b>   |           |                 |                 |                    |                  |                     |
| Mechanical Engagement, Independent Dry Dual Clutch 12 inch                                       |           | STD             | STD             | —                  | STD              | —                   |
| Damper with Electro Hydraulic Controlled Wet Clutches  |           | —               | —               | STD                | —                | STD                 |
| <b>TRANSMISSION</b>  |           |                 |                 |                    |                  |                     |
| Speed Four with Mechanical Shuttle:12Fwd + 12Rev   | STD       | STD             | —               | STD                | —                | —                   |
| Reverse Shuttle + Power Four + Basic Gearbox 24 +12 with Declutch Button                         | —         | —               | STD             | —                  | STD              | —                   |
| <b>POWER TAKE OFF (PTO)</b>  |           |                 |                 |                    |                  |                     |
| Mechanical Engagement  | STD       | STD             | —               | STD                | —                | —                   |
| Electro Hydraulic Engagement   | —         | —               | STD             | —                  | STD              | —                   |
| Speeds 540/1000 (rpm) With Ground Speed  | STD       | STD             | STD             | STD                | STD              | STD                 |
| <b>4WD FRONT AXLE</b>  |           |                 |                 |                    |                  |                     |
| Double Acting Steering Cylinder, Epicyclic Reduction in Hubs, 4WD Mechanical Engagement          | STD       | STD             | STD             | STD                | STD              | STD                 |
| Max.Steering Angle (°)   | 55        | 55              | 55              | 55                 | 55               | 55                  |
| Twin Lock Electro-hydraulic Diff Lock  | STD       | STD             | STD             | STD                | STD              | STD                 |
| <b>BRAKES</b>  |           |                 |                 |                    |                  |                     |
| Hydraulic Control Oil-bath graphite coated rear brakes - 10 discs                                | STD       | STD             | STD             | STD                | STD              | STD                 |
| Oil bath Graphite Coated Front Brakes-4 Disc (4WD only) IBS Integrated Braking System (4WD only) | STD       | STD             | STD             | STD                | STD              | STD                 |
| Hydraulic Trailer Brake  | OPT       | OPT             | OPT             | OPT                | OPT              | OPT                 |
| <b>HYDRAULIC POWER LIFT</b>  |           |                 |                 |                    |                  |                     |
| Functions: Position-, Draft-, Intermix-, and Floating Control Functions Mechanical Operated      | STD       | STD             | STD             | STD                | STD              | STD                 |
| Standard. lifting power (kg)   | 2600      | —               | —               | —                  | —                | —                   |
| Standard Lifting Power with 2 additional Auxiliary Cylinders (kg)                                | —         | 3700            | 3700            | 4200               | 4200             | 4200                |
| Hydraulic Pump Delivery (ltr/min)  | 53        | 53              | 53              | 53                 | 53               | 53                  |
| Cat II three-pion Linkage  | STD       | STD             | STD             | STD                | STD              | STD                 |
| Standard Auxiliary Valves  | 2         | 2               | 2               | 2                  | 2                | 2                   |
| <b>WEIGHTS AND DIMENSIONS</b>  |           |                 |                 |                    |                  |                     |
| Total Length with Ballast (mm)   | 4136      | 4136            | 4136            | 4160               | 4160             | 4160                |
| Wheelbase 2WD/4WD (mm)   | 2391/2316 | 2341/2316       | 2341/2316       | 2445/2405          | 2445/2405        | 2445/2405           |
| Height at Steering Wheel (mm)  | 1790      | 1790            | 1790            | 1790               | 1790             | 1790                |
| Min Width (mm)   | 1732      | 1732            | 1732            | 1760               | 1760             | 1760                |
| Max ground Clearance (mm)  | 430       | 430             | 430             | 430                | 430              | 430                 |
| Height to ROPS (mm)  | 2560      | 2560            | 2560            | 2560               | 2560             | 2560                |
| Min Turning Radius (without brakes) 4WD (mm)   | 4100      | 4100            | 4100            | 4100               | 4100             | 4100                |
| Weight without Ballast (kg)  | 3330      | 3330            | 3330            | 3330               | 3330             | 3330                |
| <b>TRACK#</b>  |           |                 |                 |                    |                  |                     |
| Front Track Adjustment 4WD# (mm)   | 1456-1938 | 1456-1938       | 1456-1938       | 1456-1938          | 1456-1938        | 1346-1938           |
| Rear track adjustment # (mm)   | 1292-2012 | 1292-2012       | 1292-2012       | 1292-2012          | 1292-2012        | 1292-2012           |
| <b>TYRES AND WHEELS</b>  |           |                 |                 |                    |                  |                     |
| Front 2WD  | 900 x 16  | 900 x 16        | 900 x 16        | 900 x 16           | 900 x 16         | 900 x 16            |
| front 4WD  | 13.6 R24  | 380/70 R24      | 380/70 R24      | 14.9 R24           | 14.9 R24         | 14.9 R24            |
| Rear 2WD & 4WD   | 19.9 R24  | 480/70 r34      | 480/70 r24      | 18.4 r34           | 18.4 R34         | 18.4 R34            |
| <b>OPERATORS LAYOUT</b>  |           |                 |                 |                    |                  |                     |
| Analog Control Panel - Programmable Silent Block Mounted Platform and Cab                        | STD       | STD             | STD             | STD                | STD              | STD                 |
|  | STD       | STD             | STD             | STD                | STD              | STD                 |
| <b>BALLAST</b>   |           |                 |                 |                    |                  |                     |
| Front Weights( kg 2WD/4WD  | 7 x 36    | 7 x 36          | 7 x 36          | 7 x 36             | 7 x 36           | 7 x 36              |
| Rear Weights(kg) 2WD/4WD   | 2 x 60    | 4 x 60          | 4 x 60          | 4 x 60             | 4 x 60           | 4 x 60              |

**Key: STD = Standard | OPT = Optional | — = Not Available**

\* = Power estimated by the manufacturer

‡ = Track adjustment not with listed tyres

See operations and maintenance manual for adjustment with specific tyres

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