

***DIECI***



***MINI AGRI SMART***

***20.4***



***dieci.com***

PERFORMANCE

|                                                                |                      |
|----------------------------------------------------------------|----------------------|
| Vehicle model                                                  | MINI AGRI 20.4 SMART |
| Maximum capacity                                               | 2000 kg (4409 lb)    |
| Maximum lifting height                                         | 4.35 m (14.3 ft)     |
| Maximum horizontal extension                                   | 2.57 m (8.4 ft)      |
| Fork swiveling angle                                           | 133°                 |
| Pull-out force                                                 | 3365 daN (7565 lbf)  |
| Towing force                                                   | 3177 daN (7142 lbf)  |
| Unladen weight                                                 | 4300 kg (9480 lb)    |
| Maximum climb angle                                            | 56 %                 |
| Max speed (referred to wheels with maximum permitted diameter) | 25 km/h (15.5 mph)   |

BOOM

|                        |                      |
|------------------------|----------------------|
| Vehicle model          | MINI AGRI 20.4 SMART |
| Getting off the basket | 5 s                  |
| Lifting                | 7 s                  |
| Extension              | 6 s                  |
| Retraction             | 4 s                  |
| Forward swiveling      | 4 s                  |
| Reverse swiveling      | 3 s                  |

ENGINE

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Vehicle model                       | MINI AGRI 20.4 SMART                                      |
| Brand                               | Kubota                                                    |
| Nominal power                       | 37 kW (50 HP)                                             |
| @rpm                                | 2700 rpm                                                  |
| Operation                           | 4-stroke                                                  |
| Injection                           | Electronic, Common Rail                                   |
| Number and arrangement of cylinders | 3, Vertical in line                                       |
| Displacement                        | 1826 cm <sup>3</sup> (111 in <sup>3</sup> )               |
| Consumption                         | 242 g/kWh (398.09 lb/Hp h)                                |
| @rpm                                | 2700 rpm                                                  |
| Emission standards                  | Stage V                                                   |
| Exhaust gas treatment               | Catalyst + Particulate filter (DOC+DPF)                   |
| Cooling system                      | Liquid                                                    |
| Intake                              | Turbo compressor                                          |
| Air filter                          | Air pre-heating and air pre-filtering with dust separator |

TRANSMISSION

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Vehicle model     | MINI AGRI 20.4 SMART                                                  |
| Transmission type | Single speed Hydrostatic transmission with variable displacement pump |
| Hydraulic motor   | Hydrostatic with continuous automatic adjustment                      |
| Reversal          | Electro-Hydraulic                                                     |
| Inching           | With hydraulic pedal for controlled forward movement                  |

DIFFERENTIAL AXLES

|                  |                                                   |
|------------------|---------------------------------------------------|
| Vehicle model    | MINI AGRI 20.4 SMART                              |
| Type of axles    | 2 steering, with 4 epicycloidal reduction gears   |
| Type of steering | 4 wheels / transversal / 2 wheels                 |
| Front axle       | Rigid                                             |
| Rear axle        | Swinging                                          |
| Service braking  | Dry disk on rear axle                             |
| Parking braking  | Manually activated on brake caliper through cable |

HYDRAULIC SYSTEM

|                         |                                            |
|-------------------------|--------------------------------------------|
| Vehicle model           | MINI AGRI 20.4 SMART                       |
| Hydraulic pump type     | Gear pump for power steering and movements |
| Hydraulic pump capacity | 101 l/min (26.7 gal/min)                   |
| Max. operating pressure | 25 MPa (3626 psi)                          |
| Distributor control     | Proportional 4in1 Joystick                 |
| Distributor type        | Single-lever hydraulic proportional        |

FILLING

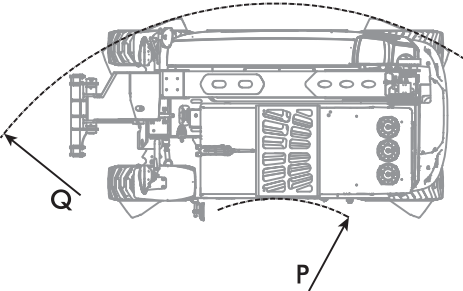
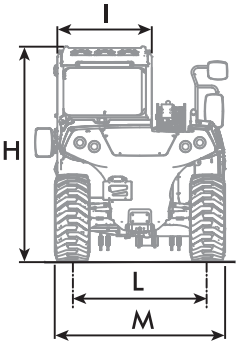
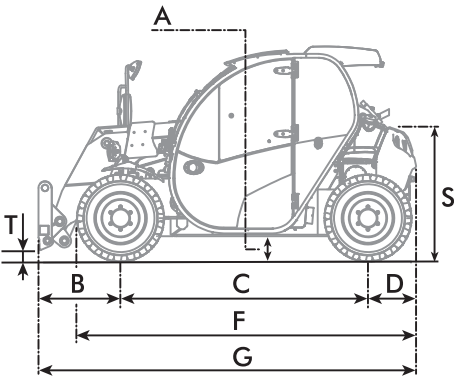
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|--------------------------|----------------------|
| Vehicle model            | MINI AGRI 20.4 SMART |
| Hydraulic system (total) | 70 l (18.49 gal)     |
| Diesel tank              | 60 l (15.85 gal)     |

TYRES

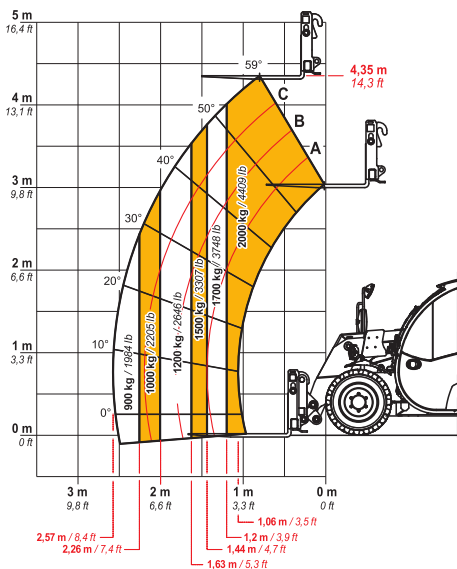
|                |                      |
|----------------|----------------------|
| Vehicle model  | MINI AGRI 20.4 SMART |
| Standard tires | 12x16.5"             |

DIMENSIONS

|               |                      |
|---------------|----------------------|
| Vehicle model | MINI AGRI 20.4 SMART |
| A             | 199 mm (7.8 in)      |
| B             | 827 mm (32.6 in)     |
| C             | 2250 mm (88.6 in)    |
| D             | 458 mm (18.0 in)     |
| F             | 3405 mm (134.1 in)   |
| G             | 3534 mm (139.1 in)   |
| H             | 1929 mm (75.9 in)    |
| I             | 860 mm (33.9 in)     |
| L             | 1230 mm (48.4 in)    |
| M             | 1550 mm (61.0 in)    |
| P             | 1340 mm (52.8 in)    |
| Q             | 3075 mm (121.1 in)   |
| S             | 1469 mm (57.8 in)    |
| T             | 200 mm (7.9 in)      |



**MAX**  
2000 kg / 4409 lb



DOCCT0000115



20.4

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