

DIECI



PEGASUS ELITE

60.35



dieci.com

PERFORMANCE

| | |
|--|-----------------------|
| Vehicle model | PEGASUS 60.35 |
| Maximum capacity | 6000 kg (13228 lb) |
| Maximum lifting height | 34.5 m (113.2 ft) |
| Maximum horizontal extension | 27.5 m (90.2 ft) |
| Fork swiveling angle | 118° |
| Towing force | 12300 daN (27651 lbf) |
| Unladen weight | 24000 kg (52911 lb) |
| Maximum climb angle | 40 % |
| Max speed (referred to wheels with maximum permitted diameter) | 40 km/h (24.9 mph) |

ENGINE

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|-------------------------------------|--|
| Vehicle model | PEGASUS 60.35 |
| Brand | FPT |
| Nominal power | 147 kW (197 HP) |
| @rpm | 2200 rpm |
| Peak power | 147 kW (197 HP) |
| @rpm | 2200 rpm |
| Operation | 4-stroke |
| Injection | Electronic, Common Rail |
| Number and arrangement of cylinders | 4, Vertical in line |
| Displacement | 4485 cm ³ (274 in ³) |
| Consumption | 204 g/kWh (335.58 lb/Hp h) |
| @rpm | 2000 rpm |
| Emission standards | Stage V |
| Exhaust gas treatment | DOC+SCR (AdBlue) |
| Cooling system | Liquid |
| Intake | 16-valve turbocharger, aftercooler |
| Air filter | Air pre-heating and air self-cleaning pre-filter |

TRANSMISSION

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| Vehicle model | PEGASUS 60.35 |
| Transmission type | Hydrostatic with continuous adjustment and electronic control. 4 permanent drive wheels. |
| Hydraulic motor | Hydrostatic with continuous automatic adjustment and electronic control. |
| Reversal | Electro-Hydraulic |
| Inching | Electronic control integrated in the brake pedal. |
| Gearbox | Servo-controlled 2-speed |

DIFFERENTIAL AXLES

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| Vehicle model | PEGASUS 60.35 |
| Type of axles | 2 steered, with 4 epicycloidal reduction gears with wheel alignment sensor. |
| Type of steering | 4 wheels / transversal / 2 wheels |
| Front axle | With transverse leveling device with control in the cab |
| Rear axle | Swinging |
| Service braking | Oil bath with servo brake on front and rear axle with double hydraulic system |
| Parking braking | Negative actuation with electrical control |

HYDRAULIC SYSTEM

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|-------------------------|--|
| Vehicle model | PEGASUS 60.35 |
| Hydraulic pump type | Electronically controlled Load Sensing pump with variable displacement, for power steering, boom movements and outriggers. Gear pump for fan drive and leveling. |
| Hydraulic pump capacity | 250 l/min (66.0 gal/min) |
| Max. operating pressure | 31.5 MPa (4569 psi) |
| Distributor control | Dual proportional Joystick |
| Distributor type | Hydraulic in 5 sections with "Load Sensing" proportional electronic servo-control, 5 simultaneous movements with independent maximum speed control of each movement. Selectable NORMAL - ECO - SOFT - FAST work. |
| Outriggers | 4 with proportional control and independent from the cab |

FILLING

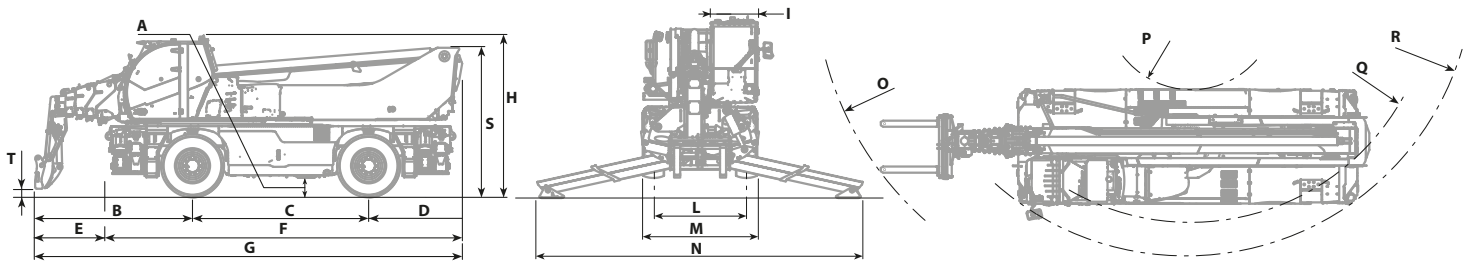
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|--------------------------|--------------------|
| Vehicle model | PEGASUS 60.35 |
| Hydraulic system (total) | 400 l (105.67 gal) |
| Diesel tank | 300 l (79.25 gal) |
| AdBlue tank | 35 l (9.25 gal) |

TYRES

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|----------------|---------------|
| Vehicle model | PEGASUS 60.35 |
| Standard tires | 17.5x25" |

DIMENSIONS

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|---------------|--------------------|
| Vehicle model | PEGASUS 60.35 |
| A | 375 mm (14.8 in) |
| B | 3350 mm (131.9 in) |
| C | 3750 mm (147.6 in) |
| D | 1990 mm (78.3 in) |
| E | 1505 mm (59.3 in) |
| F | 7590 mm (298.8 in) |
| G | 9090 mm (357.9 in) |
| H | 3300 mm (129.9 in) |
| I | 1015 mm (40.0 in) |
| L | 2000 mm (78.7 in) |
| M | 2480 mm (97.6 in) |
| N | 6930 mm (272.8 in) |
| O | 7750 mm (305.1 in) |
| P | 2400 mm (94.5 in) |
| Q | 5280 mm (207.9 in) |
| R | 5950 mm (234.3 in) |
| S | 3150 mm (124.0 in) |
| T | 140 mm (5.5 in) |



ON DEMAND

60.35