

macchine edili ed agricole  
**d DIECI**

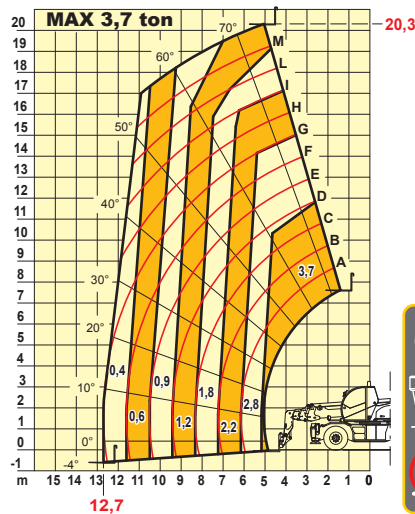
# Pegasus 50.21



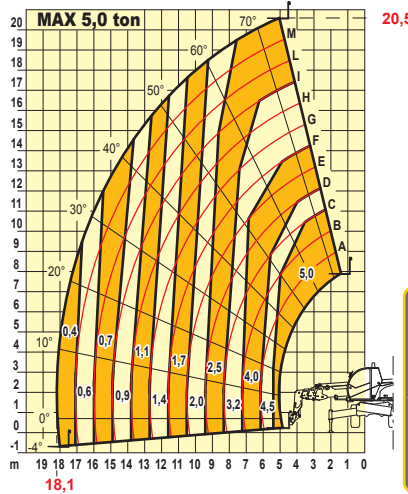
# Pegasus 50.21



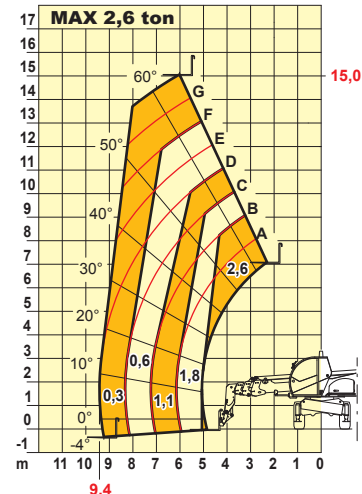
AXIB96/2



AXIB96/1



AXIB96



## PERFORMANCES

|                                                                       |           |
|-----------------------------------------------------------------------|-----------|
| Maximum capacity:                                                     | 5.000 kg  |
| Capacity at maximum height on stabilizers:                            | 2.500 kg  |
| Capacity at maximum height on tyres:                                  | 1.200 kg  |
| Capacity at maximum boom extension on stabilizers:                    | 400 kg    |
| Capacity at maximum boom extension on tyres:                          | 400 kg    |
| Maximum lifting height on stabilizers:                                | 20,50 m   |
| Maximum lifting height on tyres:                                      | 20,30 m   |
| Maximum horizontal boom extension:                                    | 18,10 m   |
| Boom extension at maximum height:                                     | 5,50 m    |
| Fork tilting angle:                                                   | 134°      |
| Tearing force:                                                        | 5.700 daN |
| Towing force:                                                         | 9.400 daN |
| Maximum allowable slope:                                              | 40 %      |
| Total empty weight:                                                   | 17.200 kg |
| Max speed (referred to wheels having the maximum allowable diameter): | 40 km/h   |

## TRANSMISSION

Transmission:..... Hydrostatic with variable delivery pump  
 Hydraulic engine:..... with automatic adjustment  
 Reversing gear:..... Electro - hydraulic  
 Inching pedal for controlled forward movement  
 Servocontrolled 2 speed gearbox

## HYDRAULIC SYSTEM

Double gear pump with "Energy Saving" system  
 Gear pump with capacity at max speed:..... 135 lt/1'  
 Max working pressure:..... 230 bar  
 Control valve with joystick:..... 5 in 1 proportional  
 Simultaneous movements:..... 5  
 Proportional control distributor "Load Sensing" with "Flow Sharing"

## DIFFERENTIAL AXLES

Steering axles:..... 2, with planetary reduction gears  
 Type of steering:..... 4 wheels / transversal / 2 wheels  
 Front axle:..... levelling  
 Rear axle:..... oscillating  
 Service brake:..... oil bath on the 4 wheels with double hydraulic system and servo brake

Negative parking brake.

## ENGINE

PERKINS 1104D-ETA - 106 kW

Power:..... 106 kW (144 hp) at 2200 rpm  
 Type:..... four-stroke engine, diesel, Common-Rail  
 Cylinders number and layout:..... 4, vertical in line  
 Displacement:..... 4399 cm<sup>3</sup> -Turbo compressor aftercooler  
 Cooling system:..... liquid  
 Specific fuel consumption per hour (2.200 rpm):..... 230g/kWh  
 Electronic accelerator.  
 Manual accelerator.  
 Air pre-heater for cold climates.

## REFUELLING (litre)

Hydraulic tank:..... 270  
 Fuel tank:..... 180

## STANDARD DEVICES

Anti-tipping device with block for hazardous movements.  
 Continuous turret rotation over 360°.  
 Oscillation block on rear axle.  
 Hydraulic socket for possible accessories on boom head.  
 ROPS-FOPS approved closed soundproof cab with heating and opening roof.  
 Stabilizers with joystick control  
 Grammer deluxe seat.  
 High efficiency cyclone air filter.  
 Self-blocking rear axle (Limited Slip)

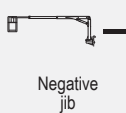
## OPTIONAL AND ACCESSORIES

A/C; Webasto heater; digital speedometer; water heater;  
 pneumatic seat suspension; light on boom head; quick attachment for accessories; radio; anti-theft alarm; glass protection; Transverse levelling device on wheels and others...  
 (For further customised accessories, please consult your local dealer)

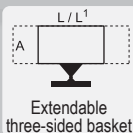
## TYRES

Tyres:..... 18 - R22,5" (Industrial)  
 Alternative:..... 18 - R22,5" (Agricultural)

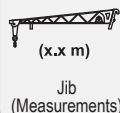
SYMBOLS KEY



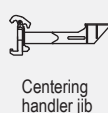
Negative jib



Extendable three-sided basket



Jib (Measurements)



Centering handler jib



Continuous rotation



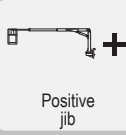
Front position



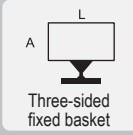
Stabilizers raised



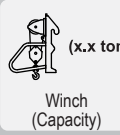
Forks



Positive jib



Three-sided fixed basket



Winch (Capacity)



Fork-carrying plate hook



Non-continuous rotation



Do not work on tyres

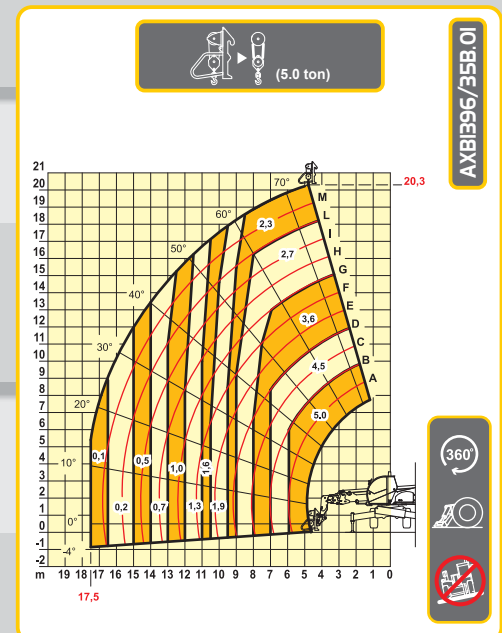
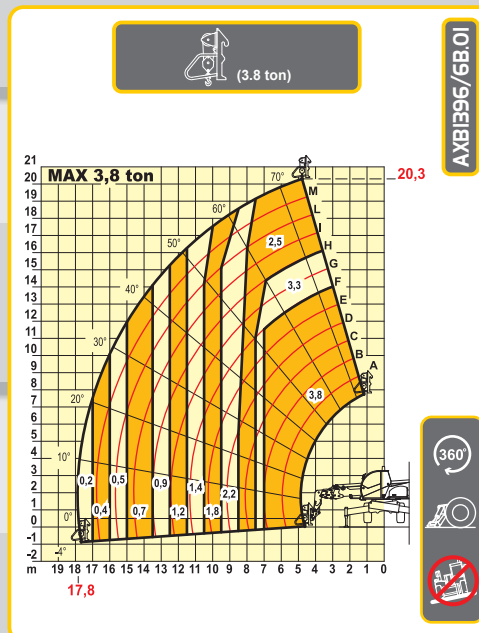
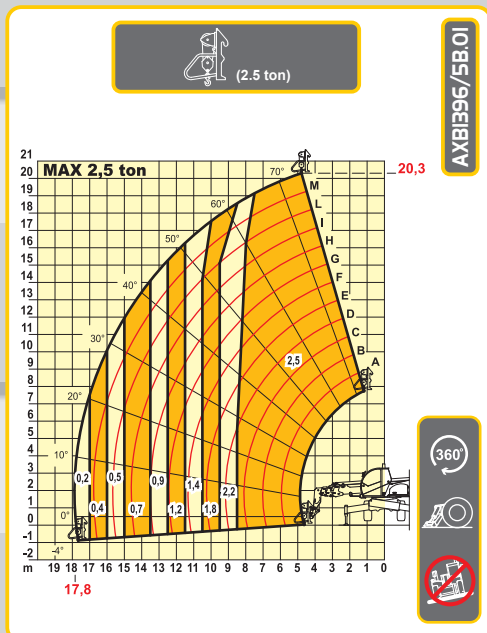
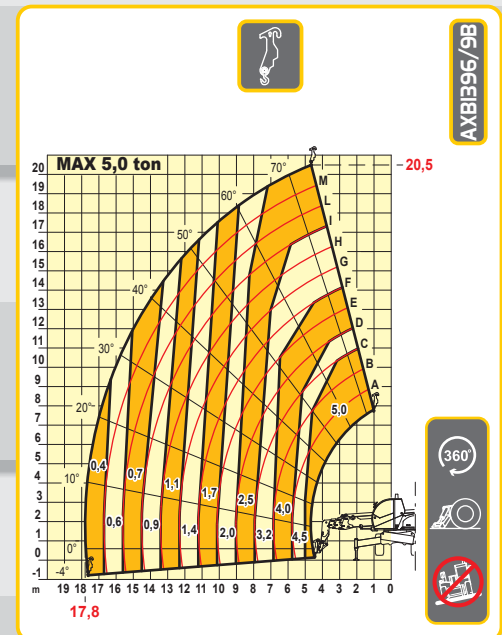
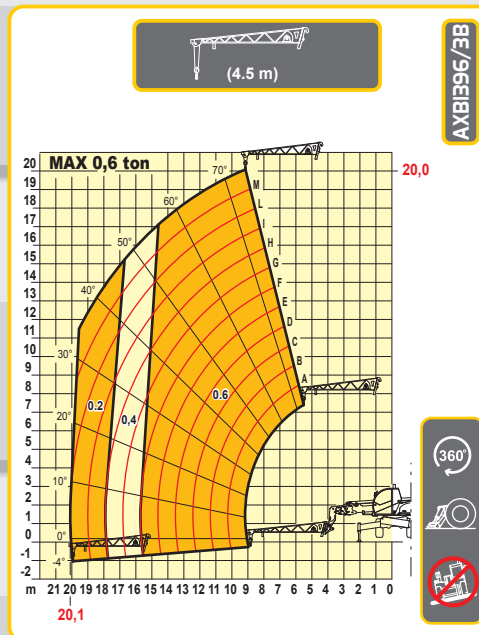
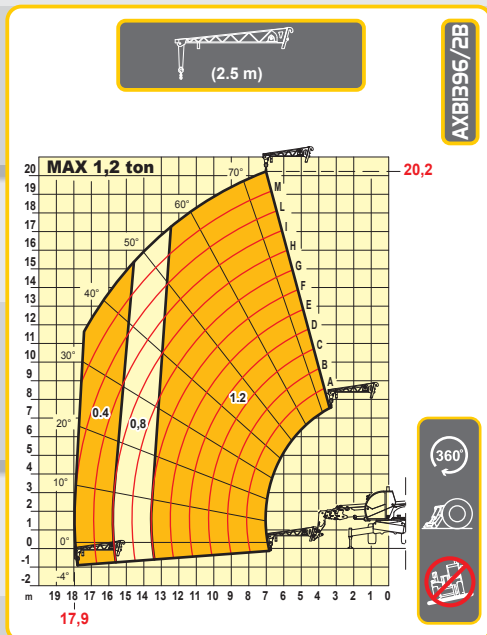
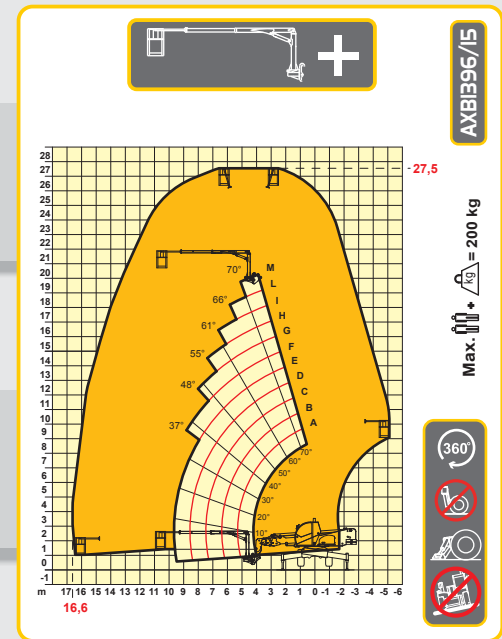
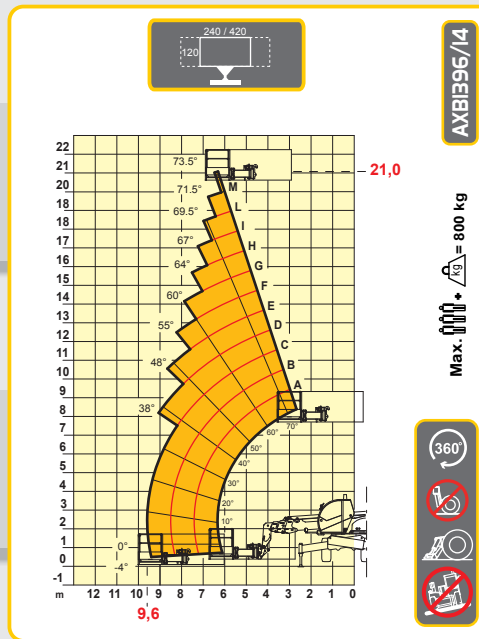
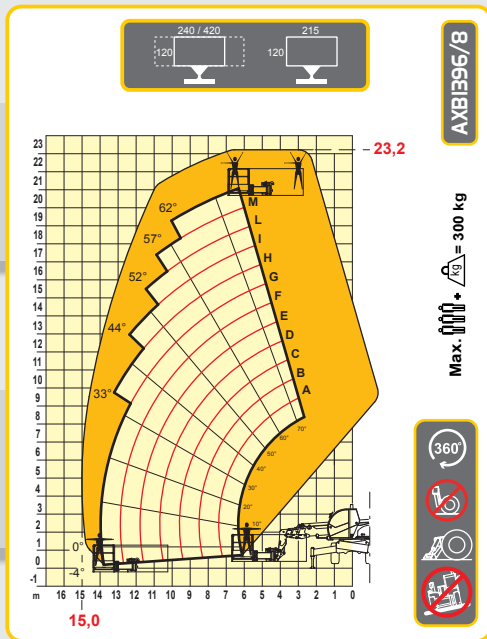


Stabilizers lowered



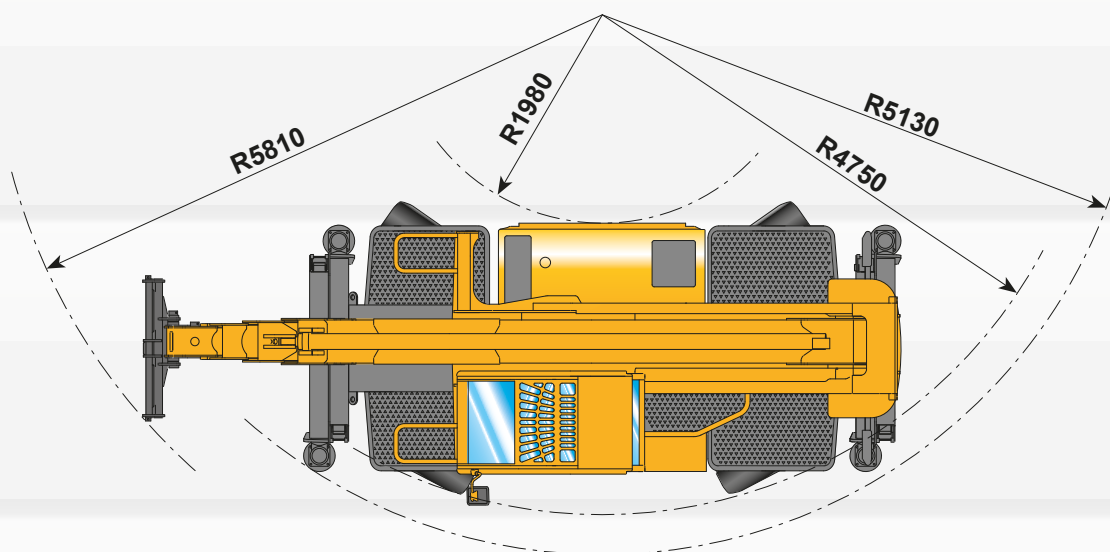
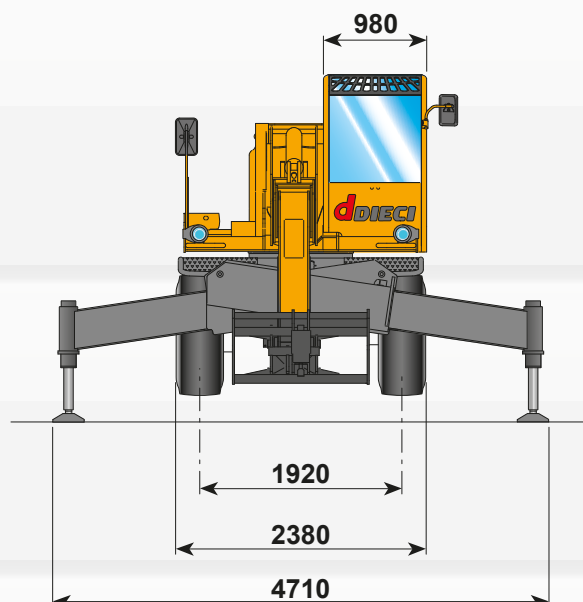
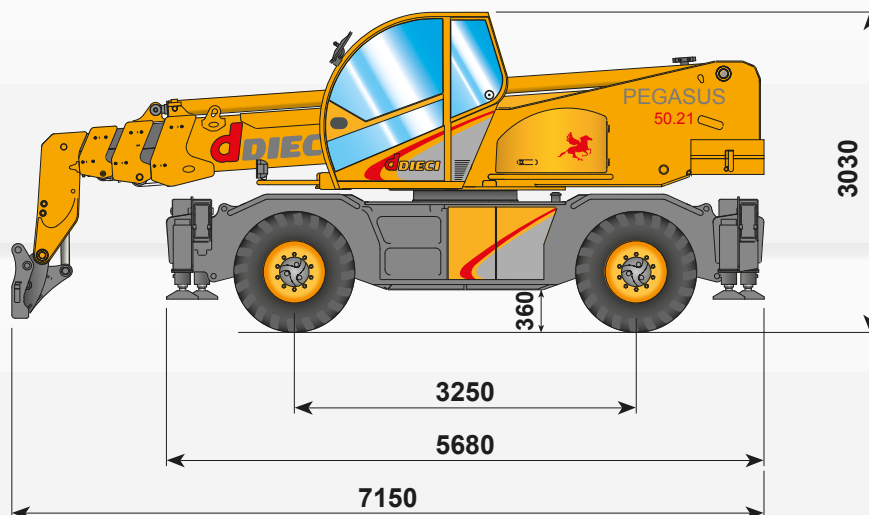
DO NOT maneuver if the machine is NOT levelled

# Equipment





# Pegasus 50.21



I dati contenuti in questo stampato sono forniti a titolo indicativo; i modelli descritti sono suscettibili di modifiche, senza preavviso, da parte del costruttore, disegni e fotografie possono riferirsi a equipaggiamenti opzionali o ad allestimenti destinati ad altri paesi. Per ogni altra informazione, rivolgersi alla sede DIECI all'indirizzo a fondo scheda.  
The information contained in the present publication is only intended as an indication; the models described may be modified, without notice, by the manufacturer, drawings and photographs may refer to optional equipment or to particular specifications for other countries. For any further information, please contact DIECI headquarters at the address given below.