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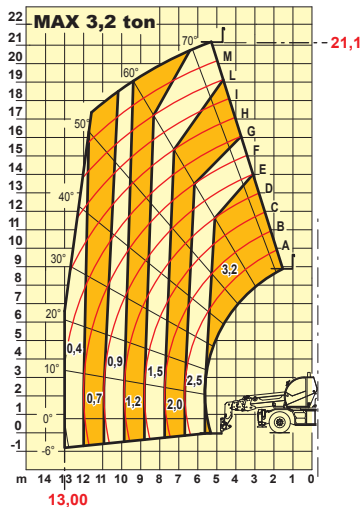
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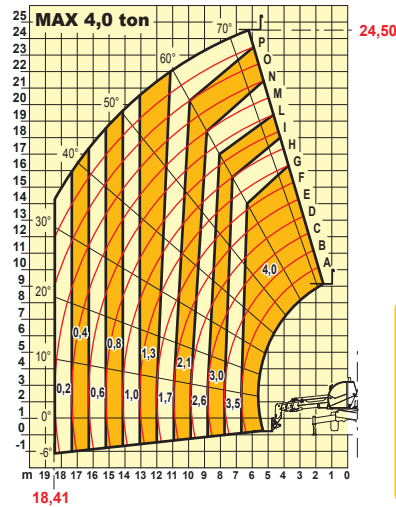
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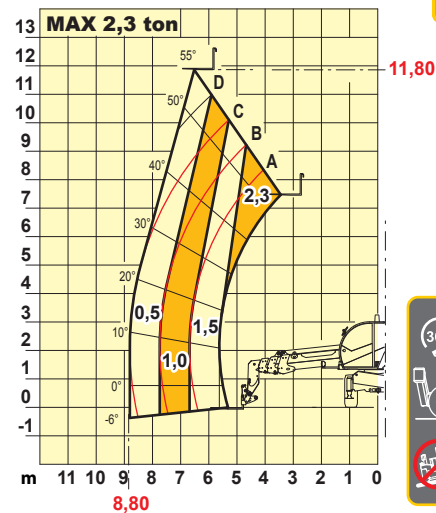
AXBI397/12



AXBI397/1



AXBI397



PERFORMANCES

Maximum capacity:	4.000 kg
Capacity at maximum height on stabilizers:	1.700 kg
Capacity at maximum height on tyres:	1.500 kg
Capacity at maximum boom extension on stabilizers:	200 kg
Capacity at maximum boom extension on tyres:	400 kg
Maximum lifting height on stabilizers:	24,50 m
Maximum lifting height on tyres:	21,10 m
Maximum horizontal boom extension:	18,41 m
Boom extension at maximum height:	6,23 m
Fork tilting angle:	120°
Tearing force:	5.700 daN
Towing force:	9.400 daN
Maximum allowable slope:	40 %
Total empty weight:	17.500 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 ³ -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

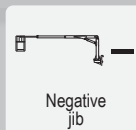
A/C; Webasto heater; digital speedometer; water heater; pneumatic seat suspension; light on boom head; quick attachment for accessories; radio; anti-theft alarm; glass protection; Transverse levelling device on wheels and others...	
(For further customised accessories, please consult your local dealer)	



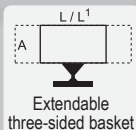
TYRES

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

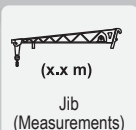
SYMBOLS KEY



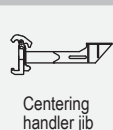
Negative jib



Extendable three-sided basket



Jib (Measurements)



Centering handler jib



Continuous rotation



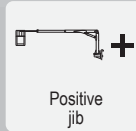
Front position



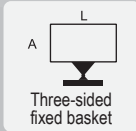
Stabilizers raised



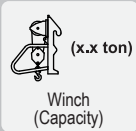
Forks



Positive jib



Three-sided fixed basket



Winch (Capacity)



Fork-carrying plate hook



Non-continuous rotation



Do not work on tyres

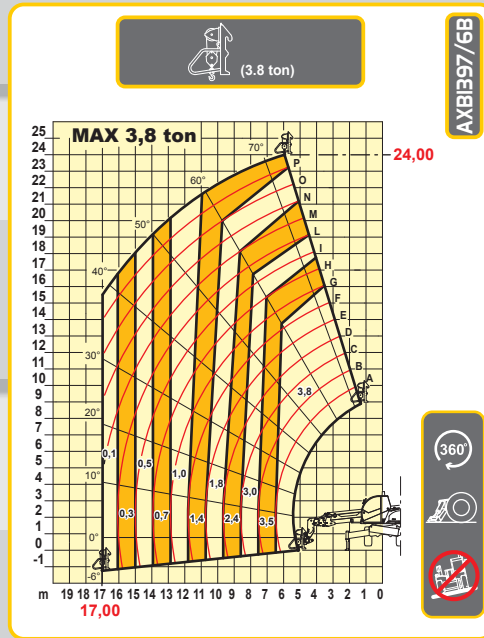
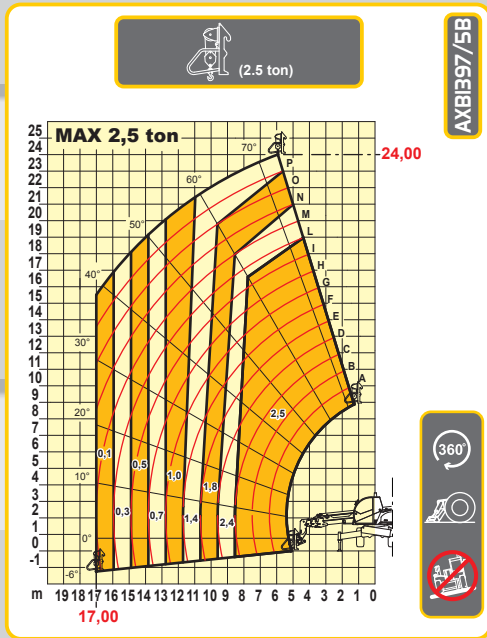
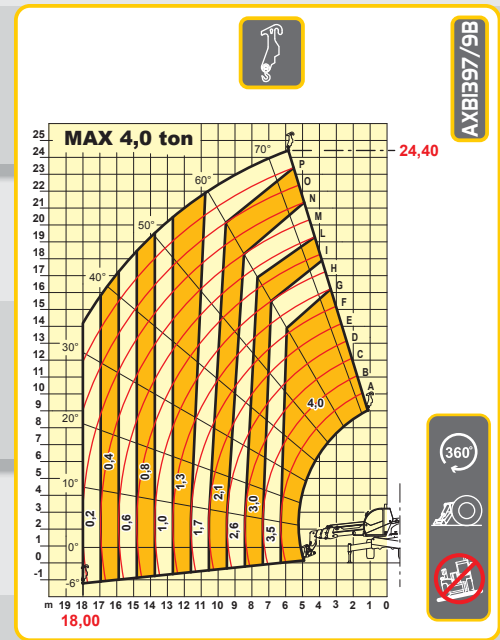
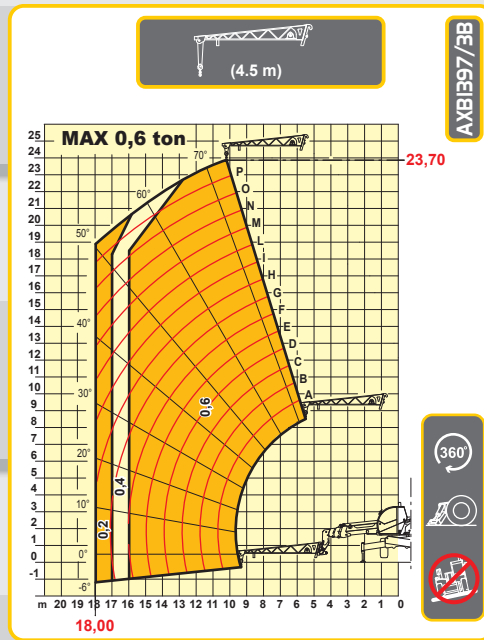
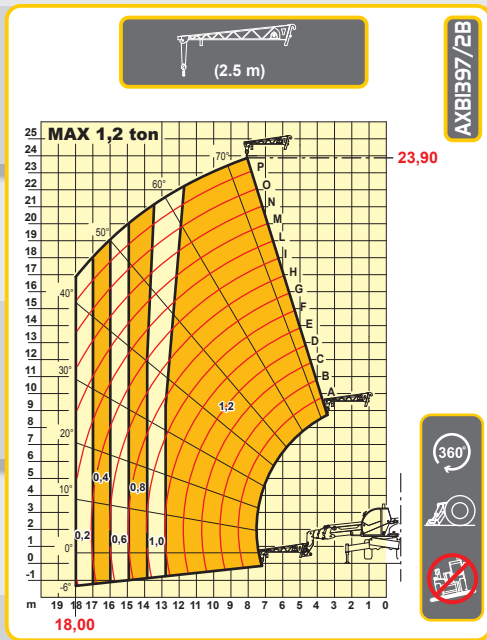
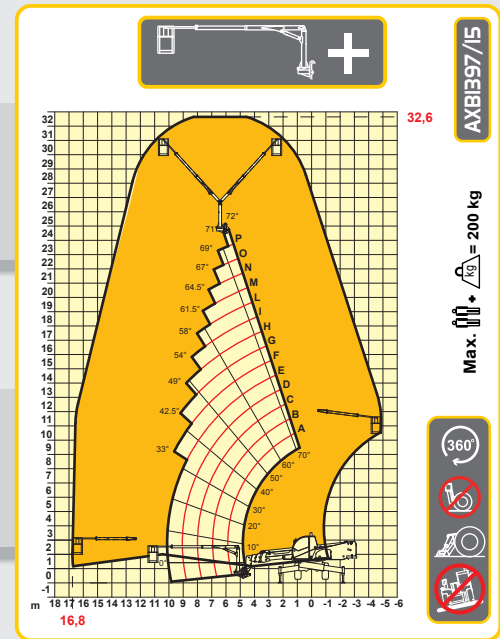
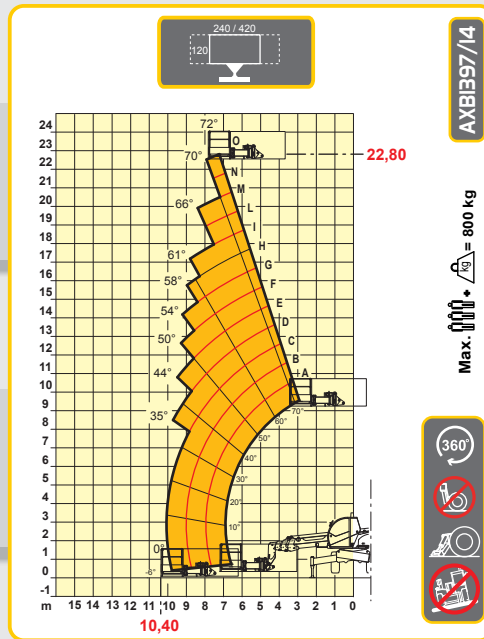
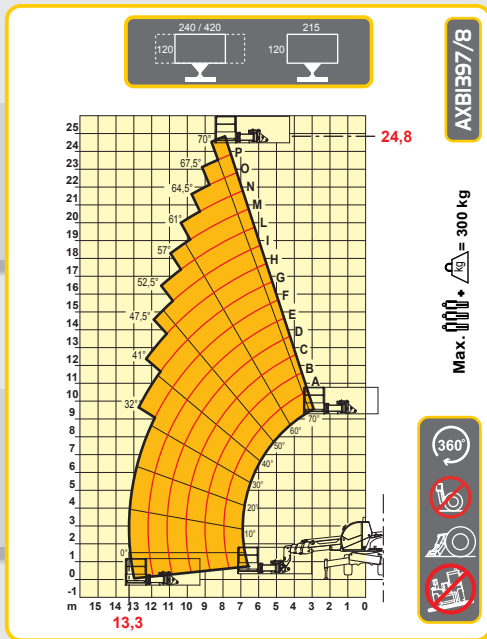


Stabilizers lowered

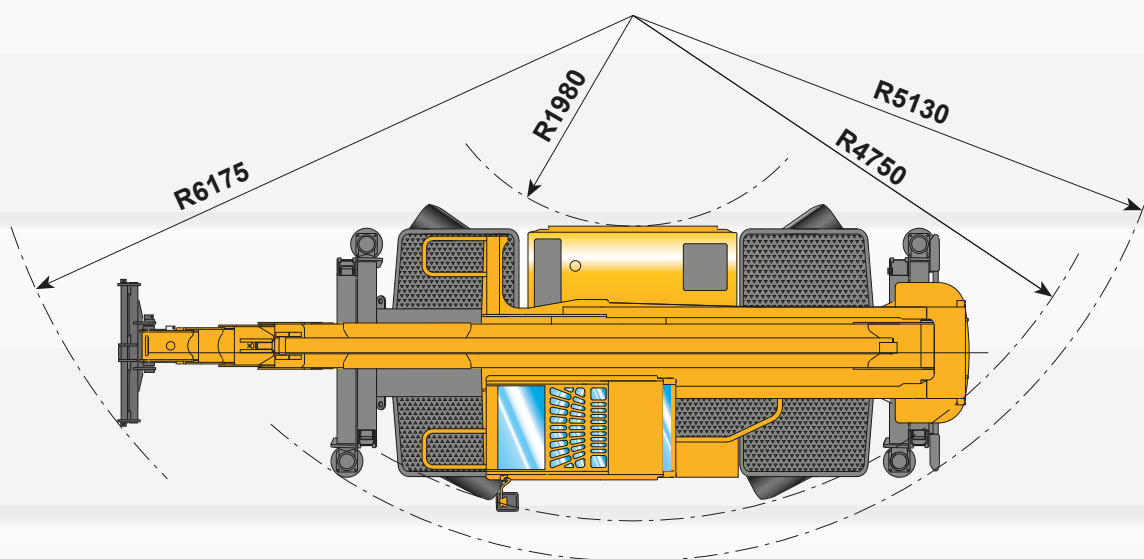
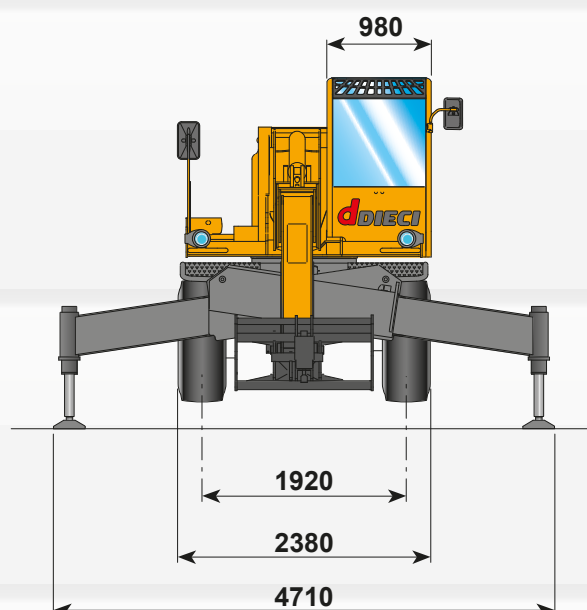
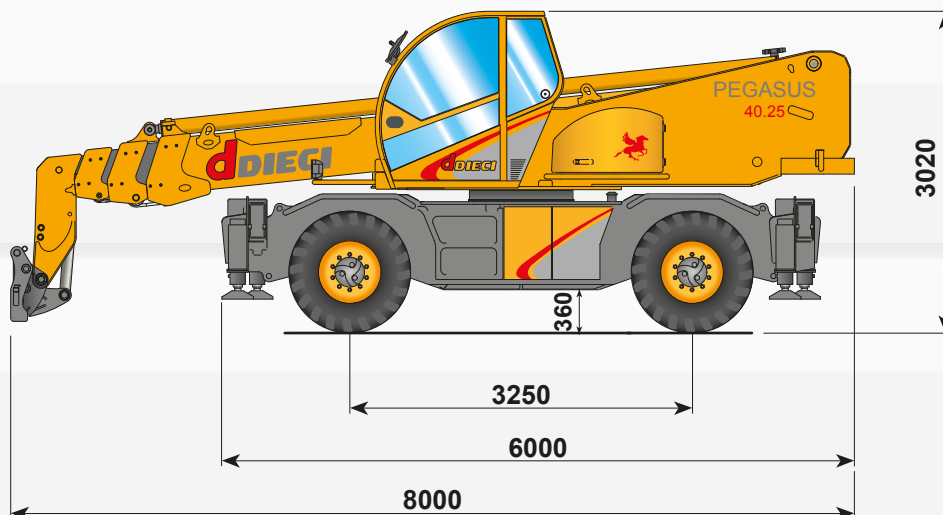


DO NOT maneuver if the machine is NOT levelled

Equipment



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