

CHARACTERISTICS

ENGINE

- Type
- Number of cylinders
- Number of phases
- Injection system
- Firing sequence
- Cubic capacity
- Bore
- Stroke
- Volume ratio
- Nominal revs
- Tick-over
- Max. revs empty
- Power ISO/TR 14396
- Max. torque

KUBOTA V2403-M atmospheric diesel

4 in line
4

1.3.4 2
2434 cc
87 mm
102.4 mm
23.8 : 1
2500 rpm
1400 rpm
2500 tr/mn
34.1 kw
162.5 Nm à 1600 rpm

COOLING CIRCUIT

- Type
- Fan
 - . Number of blades
 - . Diameter
- Thermostat
 - . Start opening
 - . Fully open

Water
Suction
6
390 mm

82°C
95°C

ELECTRICAL CIRCUIT

- Earth
- Battery
- Alternator
- Voltage regulator
- Starter

Negative
12 V - 105 A
14 V - 55 A
Incorporated into the alternator
12 V - 2 kw

HYDROSTATIC TRANSMISSION

HYDROSTATIC PUMP

- Type
- Direction reverser
- Main pump
 - . Max. cubic capacity
 - . Min. cubic capacity
 - . Max. flow
 - . Operating pressure
- Boost pump
 - . Cubic capacity
 - . Max. flow
 - . Boost pressure at max flow
- Filtration
 - . Suction

A10VG45 à cylindrée variable.
Electromagnetic 12 V

45 cc
0 cc
110 L/mn
350 Bar max.

8,4 cc
20,10 L/mn
25 Bar (Transmission in neutral).

10 Microns nominal.

HYDROSTATIC MOTOR

- Type

A2FM107 with fixed cubic capacity

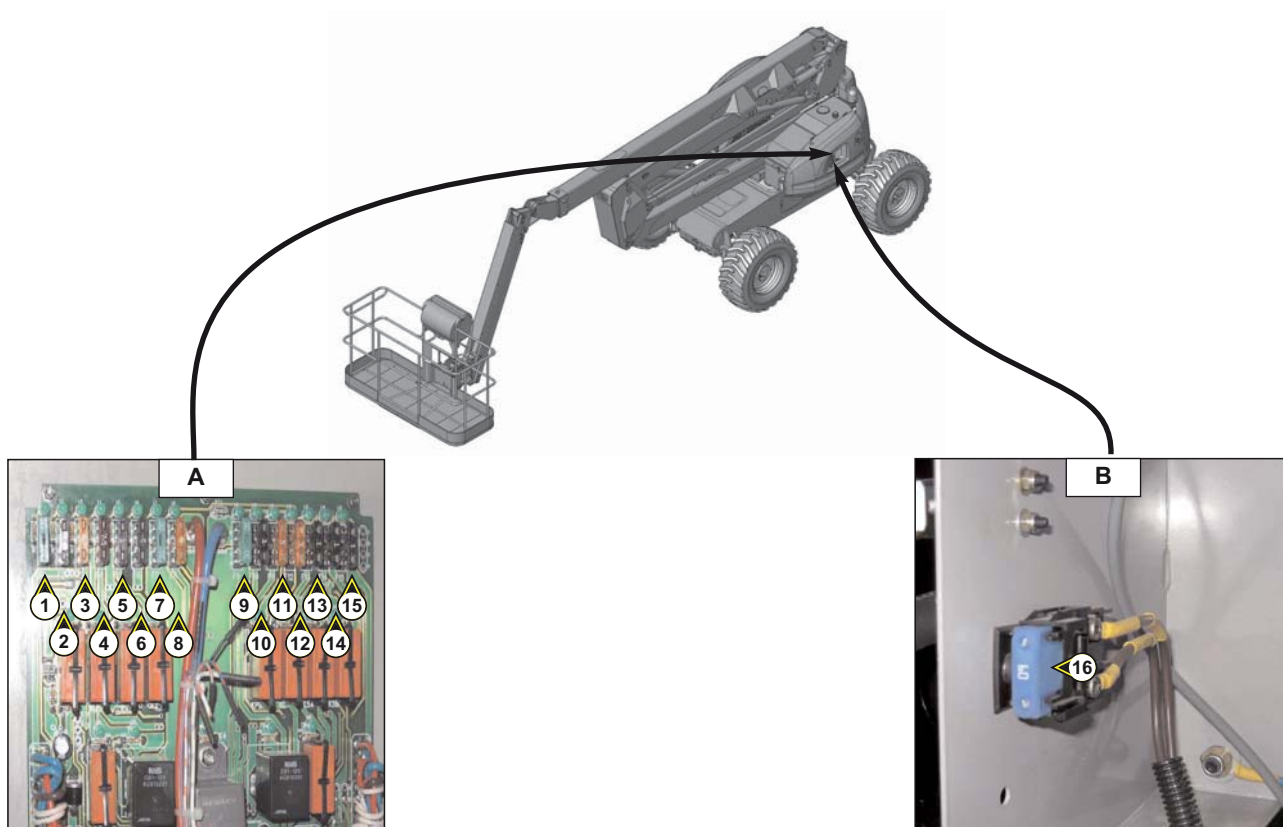
AUXILIARY HYDRAULIC CIRCUIT

- Pump type	Gear pump
. Cubic capacity	22.5 cm ³
- Lifting, tilting, telescope, steering, rotation circuit	
. Flow at max. revs empty	56 L/mn
. Pressure	200 Bar
- Filtration	
. Pressure	10 Microns

CONNECTION BOX FUSES*

- F1 (1 Fig A)	+BAT calculator UPC 30	30 A
- F2 (2 Fig A)	+BAT function tempo PVPX	1 A
- F3 (3 Fig A)	+APC Exterior	5 A
- F4 (4 Fig A)	+BAT Basket	7.5 A
- F5 (5 Fig A)	+BAT Screen CEK20	1 A
- F6 (6 Fig A)	+BAT Ignition key / relais +AP / +APC general	1 A
- F7 (7 Fig A)	EV start synchro / +start	30 A
- F8 (8 Fig A)	+BAT safety pump	5 A
- F9 (9 Fig A)	Earth BC303	30 A
- F10 (10 Fig A)	Screen earth CEK20	1 A
- F11 (11 Fig A)	Basket earth	5 A
- F12 (12 Fig A)	Calculator earth UPC30	5 A
- F13 (13 Fig A)	+APC screen CEK20	1 A
- F14 (14 Fig A)	+APC basket	1 A
- F15 (15 Fig A)	+APC UPC30	1 A
- F16 (16 Fig B)	Preheat	60 A

* : See 4 - ELECTRICITY for their location



200 ATJ

SPECIFICATIONS

- Use		Interior or exterior
- Capacit		230 kg i.e. 2 people
- Weight of the equipment that can be loaded :		
	With one person in the basket	150 kg
	With two people in the basket	70 kg
- Hydrostatic transmission		4 wheel drive 4 wheel steer
- Turret rotation:	200 ATJ standard:	350°
	200 ATJ (continuous rotation option)	continuous
- Operating speed		0.8 km/h
- Travel speed:		
	Tortoise	2.5 km/h
	Ramp	2.5 km/h
	Hare	4.7 km/h
- Operating height		20,00 m
- Floor height		18,00 m
- Max offset		12,00 m
- Overhang		8,00 m
- Weight of platform:		
	Empty	10000 Kg
	With nominal load	10230 Kg
- Number of gears		4
- Traversable slope		40 %
- Clearance under chassis		0.43 m
- Clearance inder door		0.34m
- Max permitted wind speed		45 km/h
- Max permitted tilt		5° ou 9%
- Max permitted manual horizontal force		40 daN
- 1 daN = 1kg		

FRONT - REAR TYRES

DIMENSIONS	TYRES FILLING	LOAD PER TYRE EMPTY F R		UNDER MAX LOAD + OFFSET ON 1 WHEEL F / R	FLOOR AREA SUPPORTING 1 WHEEL	PRESSURE
SOLIDEAL 405-70-20	FOAM	2192 KG	2825 KG	6261 KG	600 CM²	10,43 DaN/CM²
MITAS 16-20-70	FOAM	2192 KG	2825 KG	6261 KG	427 CM²	12,85 DaN/CM²

VIBRATION LEVEL

- Vibrations perceived by the hands-arms and body overall:	
- Mean quadratic values for the upper limbs:	< 2.5 m/s²
- Mean quadratic values for the body:	< 0.5 m/s²