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BOOM

50.1 BOOM CHARACTERISTICS AND SPECIFICATIONS

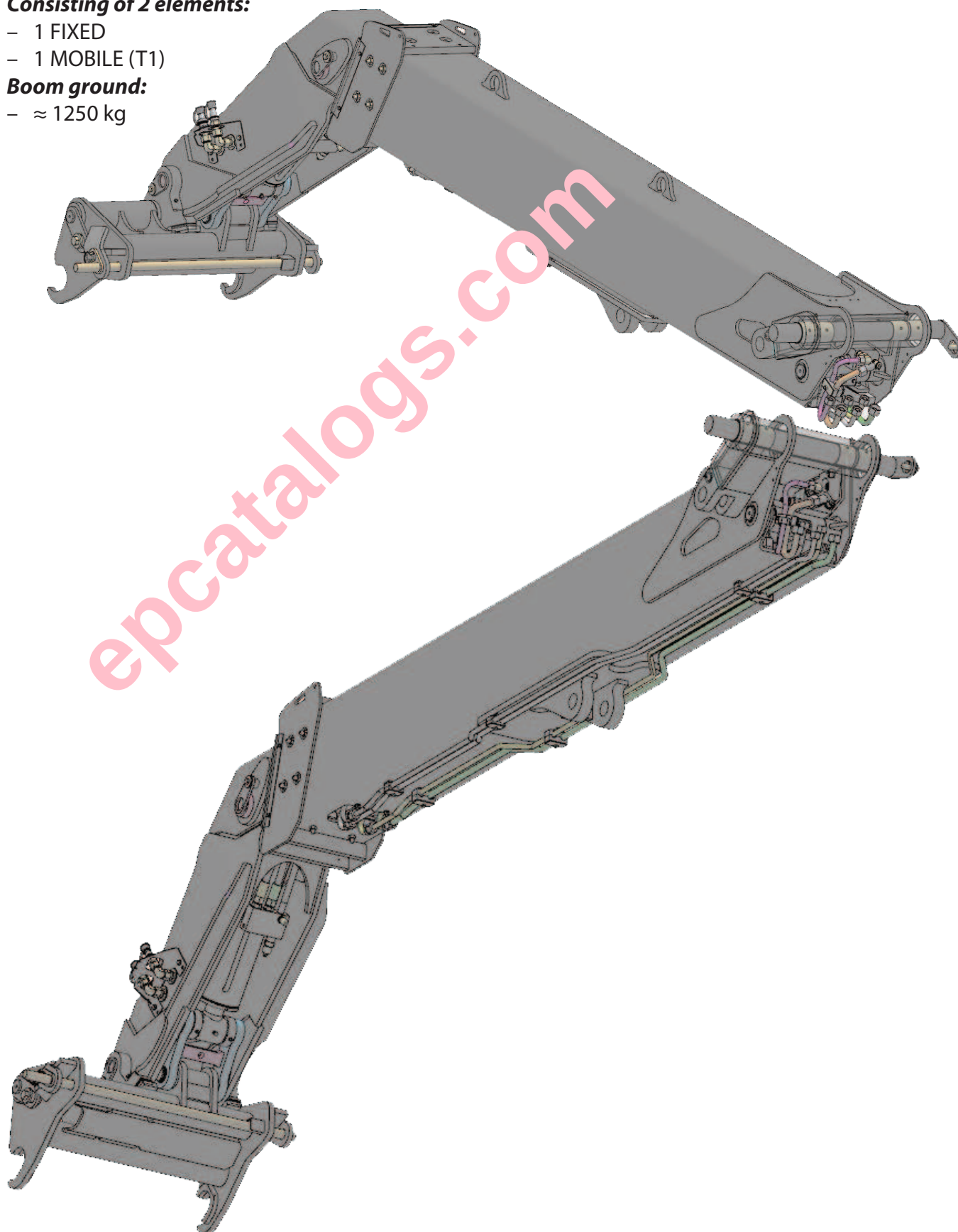
50.1.1 DUPLEX BOOM

Consisting of 2 elements:

- 1 FIXED
- 1 MOBILE (T1)

Boom ground:

- ≈ 1250 kg

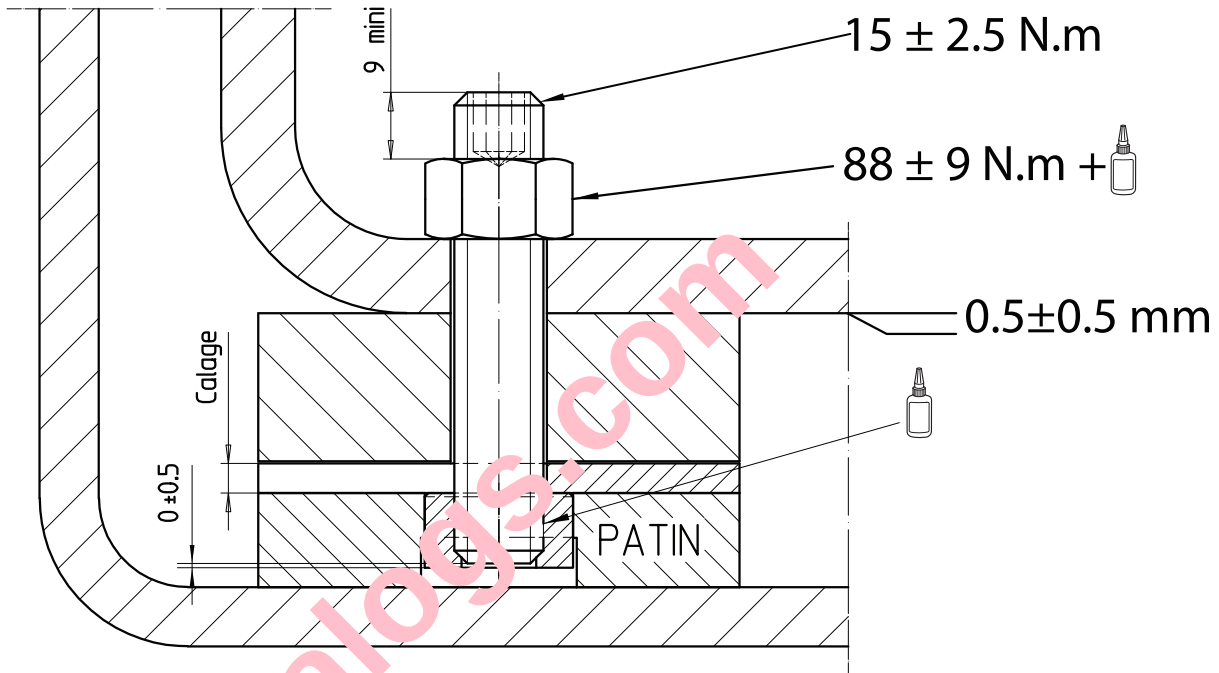


50.2 BOOM LOCATION

( 70.3 HYDRAULIC LOCATION,  113)

50.3 BOOM CONTROL AND ADJUSTMENT

50.3.1 MOUNT THE BOOM PADS WITH INSERT



50.3.2 SECURE THE TINS

Centre the securing washers with a clearance of 1 ± 0.5 mm.

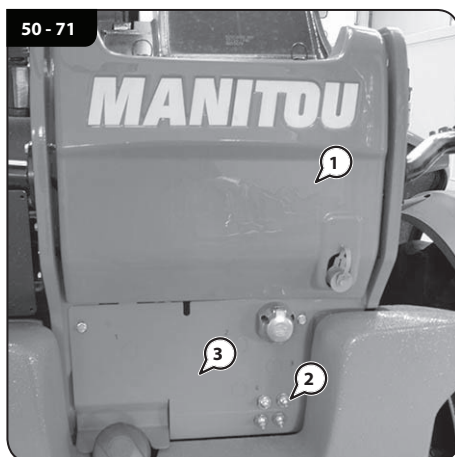
50.4 BOOM REMOVAL - REFIT

50.4.1 REMOVE THE TELESCOPIC CYLINDER



Raise the boom.

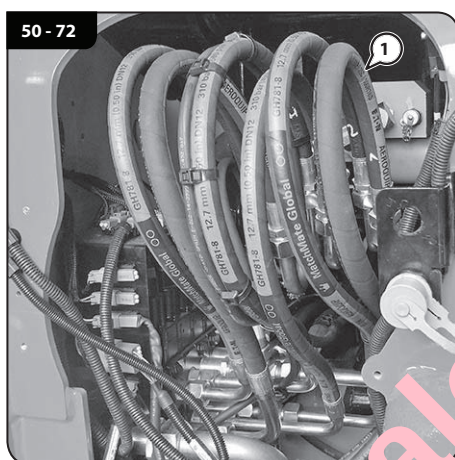
Remove the tube supports under the boom (1,  50 - 70).



Take off the upper casing (1,  50 - 71).

Remove the nuts from the grease fittings (2,  50 - 71).

Take off the lower casing (3,  50 - 71).



Lower the boom.

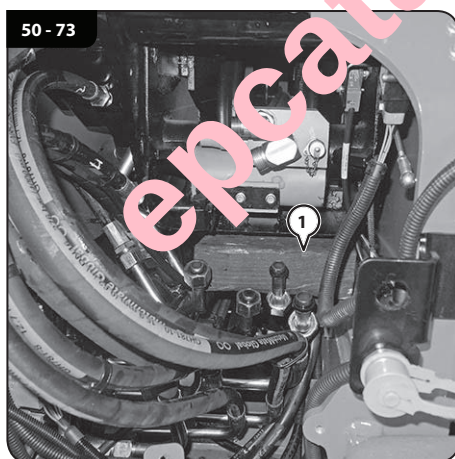
Pull the telescope out 20 cm to see the head pivot pin on the telescopic boom cylinder.

Remove the 2 circlips.

Remove the telescope cylinder head pivot pin.

Decompress the hoses (1,  50 - 72).

Disconnect the hoses (1,  50 - 72).



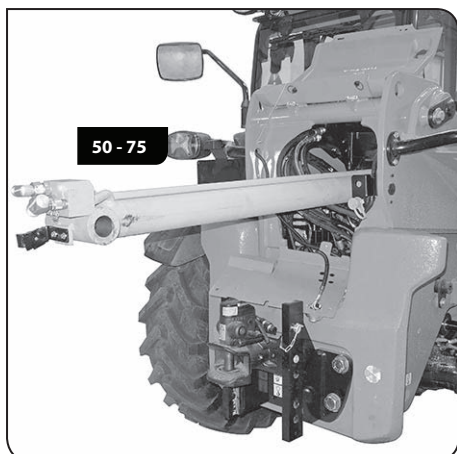
Secure the tubes in a downward position (1,  50 - 73).

Secure the cylinder base.



Remove the circlips on the left of the telescopic boom cylinder base pin (1,  50 - 74).

Free the cylinder base pin by pushing it to the right of the carriage.



Remove the cylinder.

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