ATLET

WAREHOUSE EQUIPMENT

X-Ergo

SERVICE MANUAL

Manual number 005997

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SERVICE MANUAL

Machine: X-Ergo

Manual No: 005997

Edition 2008B

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Component specification

Table 1.2 Component specification

Component		Specification	
Drive motor		Drive voltage	24V
		Output standard	2.2 / 2.4 kW S2 60 min
		Insulation resistance	>24 kΩ
Gearbox		Gear ratio (standard)	17.15:1
		Oil volume	1.5 litres
Hydraulic system		Max pressure	17.5 MPa (=175 kp/cm²)
		Oil volume	max 21 litres
Hydraulic unit (motor and pump) 24V DC	Type 2	Output	4.5 kW
	Type 3	Output	7.8 kW
	XLL	Output	1.5 kW
Control system for drive motor		Type Zapi AC1	AC Transistor
		Voltage	24 V
		Max current	250A (RMS) for 2 min
Control system for steering wheel		Type Zapi AC1	AC Transistor
		Voltage	24V
		Max current	70A
Fuses		Control fuses 2 pcs	7.5A 30.0A
		Pump motor fuse 1	250 A
		Drive motor fuse 1	160 A

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Diagnostics and trouble shooting

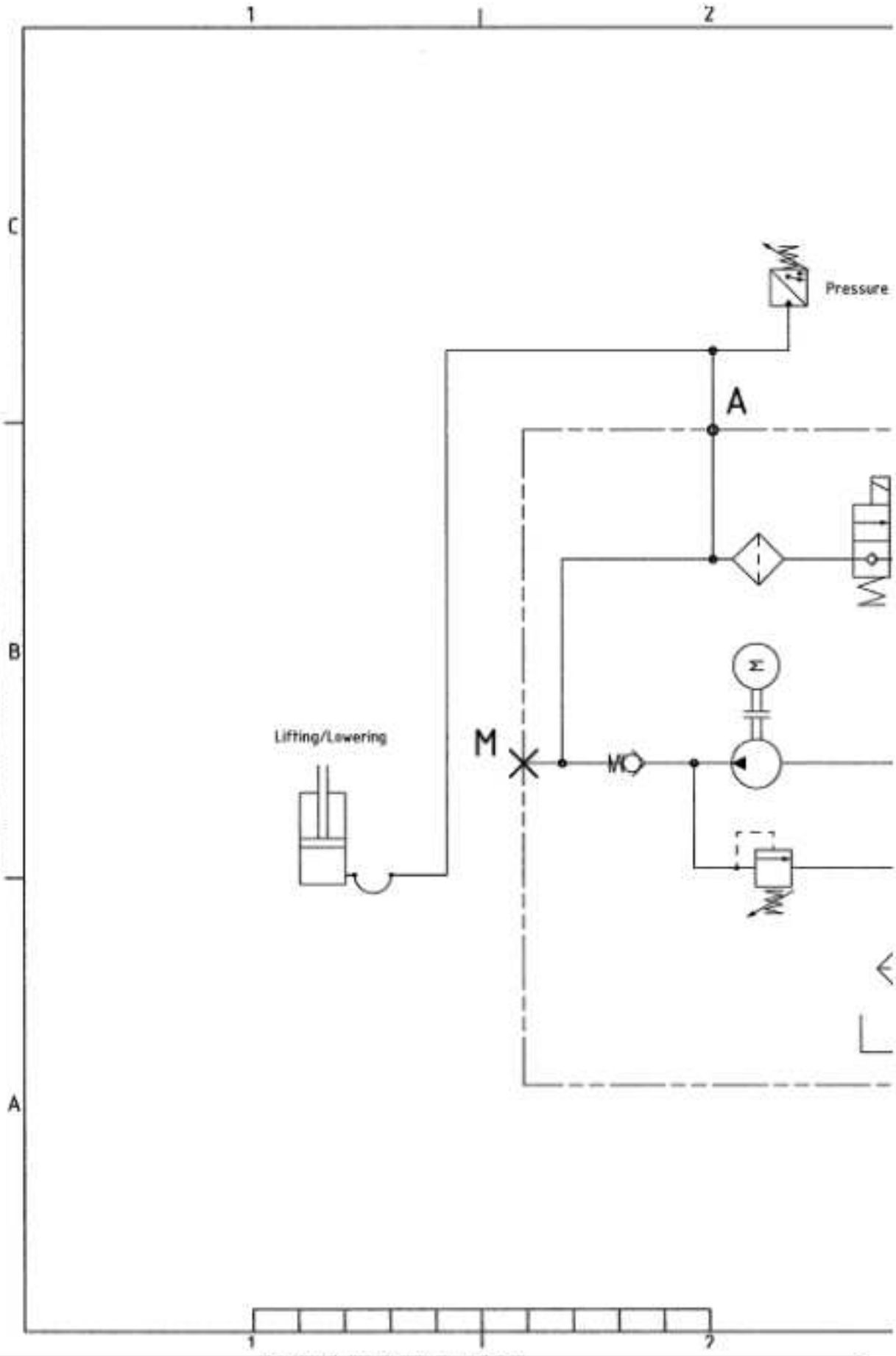
Trouble shooting chart

Table 6.8 Symptom/Action table

Symptom	Possible reason	Action
Play in mast.	Mast rollers not shimmed enough.	Re-shim.
The mast lowers unevenly, jumps.	Mast rollers shimmed too tight.	Re-shim.
	No grease on the mast roller surfaces.	Grease roller surfaces.
The mast squeaks.	No grease on the mast roller surfaces.	Grease roller surfaces.

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Hydraulic diagram XLL



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