This machine is an off-road forklift truck designed to operate on natural or undeveloped land, or construction sites.

MT 1840
100D
ST5 S1

BASIC INSTRUCTION SHEET

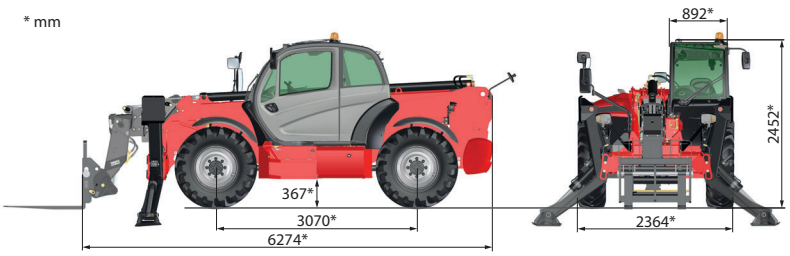
52652326EN (22/10/2020)

This document is a short recap on how to drive a forklift truck, and should in no way be a substitute for the instructions required by Directive 2006/42/EC Annex I section 1.7.4.
The instructions, which should be read and understood by the operator beforehand, are available in the forklift truck's cab. All of the instructions, including safety instructions, in the manual should be implemented and enforced. The operator must have received proper training and must comply with the rules in force on road traffic.

Technical characteristics

Unladen weight	11870	kg
Weight at rated load	15870	kg
Weight on front axle (unladen)	5550	kg
Weight on rear axle (unladen)	6320	kg
Weight on front axle (at rated load)	13050	kg
Weight on rear axle (at rated load)	2820	kg
Traction force (unladen) (slippage)	7200	daN
Traction force at rated load (transmission setting)	7850	daN

* mm



Before starting, check:

- ☑ That the battery cut-off is unlatched.
- ☑ The condition of the tyres.
- ☑ The hydraulic fluid level.
- ☑ The engine oil level.
- ☑ The water level in the fuel pre-filter.
- ☑ The coolant level.
- ☑ The fuel level.
- ☑ The DEF (Diesel Exhaust Fluid) Level.
- ☑ The lights.
- ☑ The cleanliness and setting of the mirrors.

Control panel



A	TACHOMETER
B	ENGINE WATER TEMPERATURE
C	FUEL LEVEL
D	LEVEL "DEF"
E	INFORMATION SCREEN

- PARKING BRAKE LAMP
- BATTERY LOAD FAULT INDICATOR
- STEERING SYSTEM OIL PRESSURE FAULT INDICATOR
- WATER IN FUEL PRE-FILTER FAULT INDICATOR
- BRAKING OIL LEVEL WARNING INDICATOR LAMP
- ENGINE OIL PRESSURE FAULT INDICATOR
- ENGINE PREHEATING INDICATOR
- GEARBOX OIL PRESSURE FAULT INDICATOR
- GEARBOX OIL TEMPERATURE FAULT INDICATOR
- HYDRAULIC RETURN FILTER CLOGGING FAULT INDICATOR
- ENGINE COOLANT LEVEL FAULT INDICATOR
- STOP ENGINE STOPPED FAULT INDICATOR
- AIR FILTER CLOGGING FAULT INDICATOR
- ENGINE FAULT INDICATOR
- FAULT INDICATOR "SCR" (selective catalytic reduction)
- CRYSTALLIZATION OR SULPHURIZATION LEVEL

A warning lamp indicates an operating fault. Some indicator lamps are accompanied by an audible signal. Stop the forklift truck and contact your dealer or rental company as quickly as possible.

Starting the machine

1 - Unlatch the battery cut-off.
2 - Get into the cab and close the door.
3 - Sit down in the seat and put on the seat belt.
4 - Deactivate the emergency stop button.
5 - Press down on the accelerator pedal.
6 - Turn the ignition key.
7 - Activate the reversing shift (FNR) to move forward or reverse.
8 - Choose your steering mode.
9 - Move up a gear.

Push button panel

- HYDRAULIC MOVEMENT NEUTRALISATION
- ROTATING BEACON
- AUTOMATIC PARKING BRAKE
- "MANUAL MODE" AUTOMATIC PARKING BRAKE
- "SUSPENDED LOAD" MODE
- BOOM SUSPENSION (OPTION)
- FORCED BOOM SUSPENSION (OPTION)
- ECO STOP (OPTION)
- TILT CIRCUIT LOCKING (OPTION)
- ATTACHMENT CIRCUIT LOCKING (OPTION)
- ATTACHMENT CIRCUIT MANUAL OVERRIDE (OPTION)
- FAN REVERSAL (OPTION)
- EXHAUST REGENERATION
- DISABLING "AGGRAVATING" HYDRAULIC MOVEMENT CUT-OFF

Switches

- BOOM HEAD WORKLIGHTS (OPTION)
- FRONT WORKLIGHTS (OPTION)
- FRONT AND REAR WORKLIGHTS (OPTION)
- ROOF WINDSCREEN WIPER
- SIDE WINDSCREEN WIPER (OPTION)
- REAR WINDOW DEFROSTER (OPTION)
- REAR FOG LIGHTS
- GREEN ROTATING BEACON LIGHT (OPTION)
- DUAL EFFECT REAR HYDRAULIC PREDISPOSITION (OPTION)

Steering selection



1 - Front steering wheels (road mode).
2 - Front and rear steering wheels in opposite direction (tight turning).
3 - Front and rear steering wheels in same direction (crab steering).

Never change the steering mode whilst driving.

REDUCE RISKS

MANITOU HANDLING YOUR WORLD

Please note that the risks involved for users when using the forklift truck are, in particular:

Risk of loss of control, risk of loss of lateral and frontal stability of the forklift truck.

The operator must remain in control of the forklift truck. In the event of the lift truck overturning, do not try to leave the cab during the incident.

YOUR BEST PROTECTION IS TO STAY FASTENED IN THE CAB.

Longitudinal stability limiter and warning device

This device warns the operator of the forklift truck's longitudinal stability limits.

Depending on the type of work required, the longitudinal stability limiter and warning device allows the operator to operate the lift truck in complete safety.

Lamp A8 indicates that the forklift truck is at the authorised longitudinal stability limit.

If the indicator lamp comes on, perform the "deaggravating" hydraulic movements.

"HANDLING" MODE (USE WITH FORKS)

By default, the device is in "HANDLING MODE each time the lift truck is started.

"SUSPENDED LOAD" MODE (USE WITH HOIST) offering a higher margin of error.

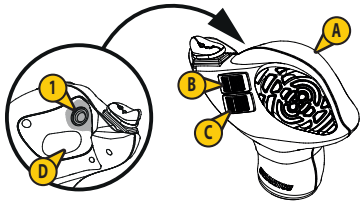
Hold down the button, "SUSPENDED LOAD" MODE is confirmed by an audible signal and the indicator lamp coming on.

Press this button again or switch off the ignition with the ignition key to return to "HANDLING" MODE.



Hydraulic controls

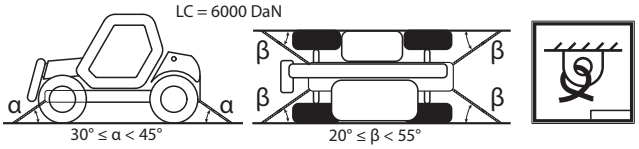
1 - HYDRAULIC CONTROLS ACTIVATION





A - Lifting and tilting control lever.	E - Left stabilizer control lever.
B - Telescoping control button.	F - Right stabilizer control lever.
C - Attachment control button (OPTION).	G - Frame leveling control lever.
D - Control button (OPTION).	

Securing



Fix the chocks to the platform at the front and at the back of each tire.

Also fix the chocks to the platform on the inside of each tire.

Secure the lift truck to the flatbed with straps, in the anchoring points 1 provided.

In order to ensure the lift truck is securely lashed to the flatbed, observe the lashing angles (α) and (β) and the resistance (LC) of the straps.

Tighten the straps.

Fuses and relays

In the cab

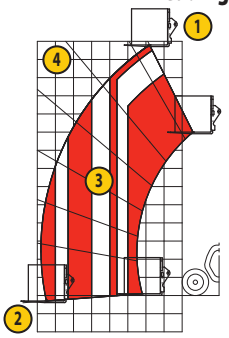


See the lift truck's operator's manual for the full list of fuses.

Under engine cover



Reading a load chart



Read the function sheets for the load charts and hydraulic controls.

Comply with the load chart(s).

1 - Load lifting height.

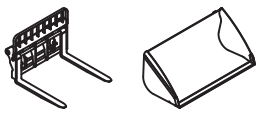
2 - Load outreach distance.

3 - Zone accessible depending on the load.

4 - Zone inaccessible.

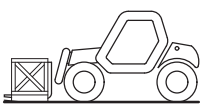
Attachments

Before any use, ensure that the attachment is properly locked



See the lift truck's operator's manual for gripping device and list of attachments.

Daily maintenance



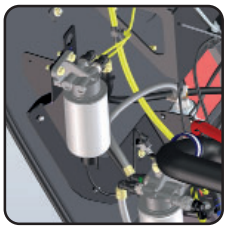
Carry out a general inspection around the lift truck.



Check the engine oil level.



Check the coolant level.



Check the fuel pre-filter.



Check the longitudinal stability limiter and warning device.

Scan for more information.

REDUCE RISKS

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