



S0027 Trombone Chassis Extend and Retract Instructions

S0027	Version 1	Structural	Date: 20 Dec 2006
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Warnings:

When travelling unladen, the chassis **MUST** be fully retracted.

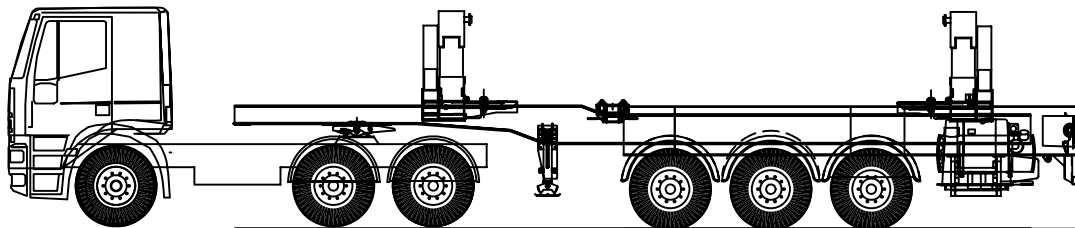
ONLY use the rear 20' position in yard operations and not for travelling on roads.

NEVER attempt to extend or retract the chassis when the sidelifter is laden.

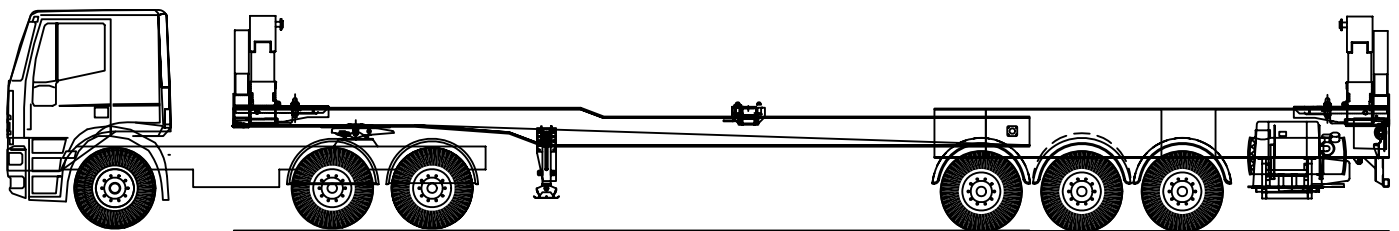
The Trombone sidelifter comprises a two part chassis that slides in and out (hence the name "trombone"). When fully extended the trombone sidelifter can carry one 40 foot container or two 20 foot containers. When fully retracted, it can carry one 20 foot container.

The Trombone sidelifter has either a rack and pinion traverse front crane module and cylinder traverse rear crane module, or rack and pinion for both modules. The engine is mounted on the side of the trailer.

There are two kinds of trombone mechanisms available - hydraulic and manual. The hydraulic trombone mechanism uses a hydraulic cylinder to extend and retract. The manual trombone mechanism uses the tractor unit to extend and retract. Instructions for extending and retracting each type follow.



Trombone Sidelifter in retracted, 20 foot position



Trombone sidelifter in extended, 40 - 45 foot position.



Either type of trombone sidelifter must be coupled to a tractor unit during extending or retracting.

NEVER attempt to extend or retract the chassis when the sidelifter is laden.



Instructions for extending/retracting the hydraulic trombone chassis:

Before trying to extend the trombone chassis, ensure the modules are in the retracted 20 foot position. If the unit has a front lift axle then this should be raised. A rear lift axle should remain lowered at all times. Apply park brake on the tractor unit and release the trailer brakes.

1. Push in the trombone lock release button located in the clear box at the landing legs (see A)
2. Move the extend/retract lever (B) in the direction required (down for extend and up for retract) and hold it in place.

Once the mechanism starts to move, release the trombone lock release button (A), but keep holding the lever as you walk beside the unit. Once released the lock will self reset so the locks will automatically lock when they get to the next lock position.



Instructions for extending/retracting the manual trombone chassis:

Before trying to extend the trombone chassis, ensure the modules are in the retracted 20 foot position. If the unit has a front lift axle then this should be raised. A rear lift axle should remain lowered at all times.

1. Unlock the trombone locks with the Trombone lock key located on the control panel at the front of the rear half of the trailer (C). The key has two positions UNLOCK and RESET.
2. Apply the trailer brake in the tractor unit and **SLOWLY** drive forward for extension, or reverse for retraction. The trombone locks will automatically reset as the chassis moves and will self lock when in correct position.

If the tractor unit is not equipped with a "trailer brake only" option:

1. Disconnect the air lines between the tractor unit and the trailer so that the spring brakes will apply automatically and hold the rear half of the chassis in place and allow the chassis to extend or retract.



Driving too fast when extending the unit can cause the locks to break. Always drive very slowly until the locks engage before increasing driving speed.