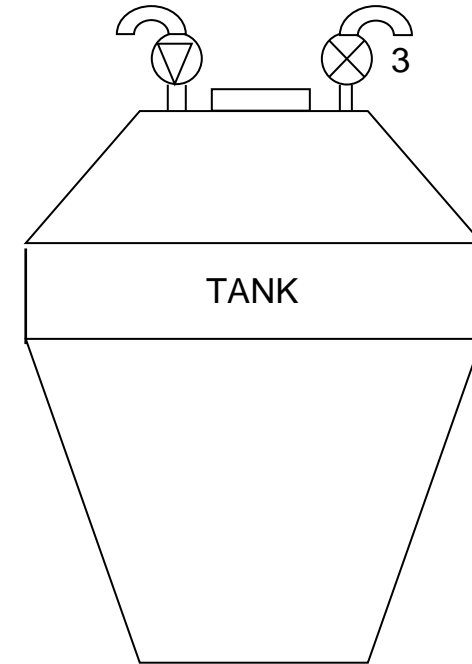
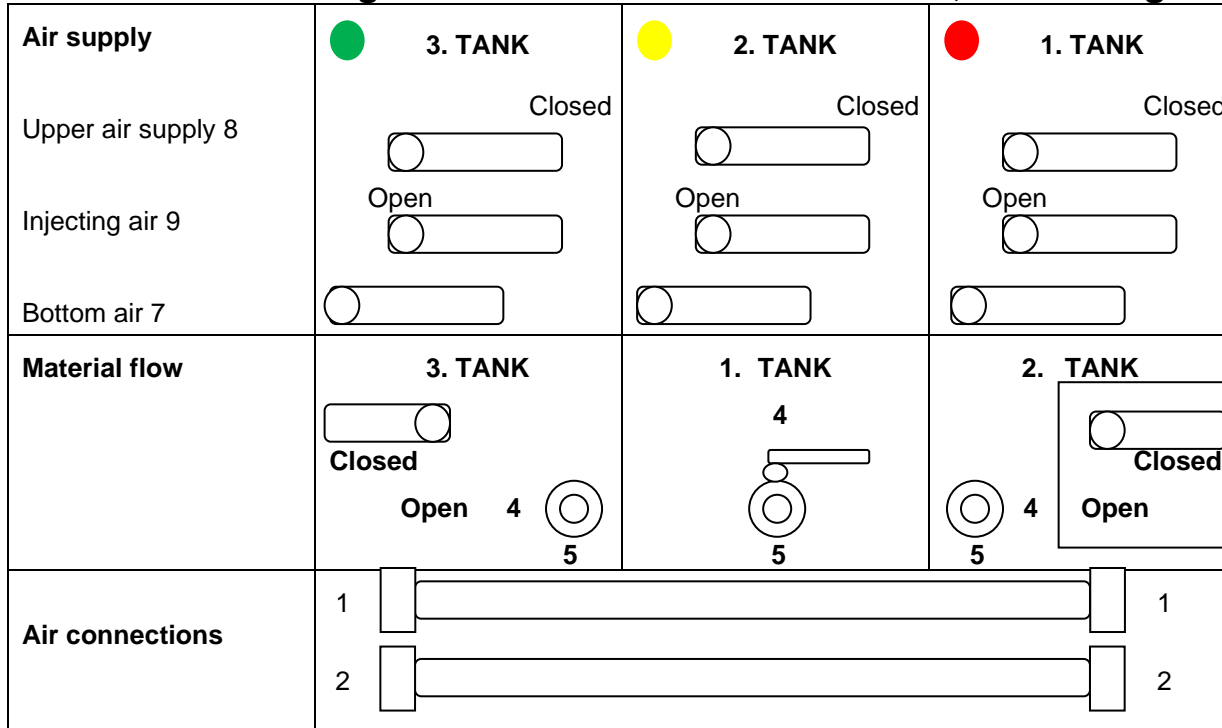


Unloading manual to Austrian made 4-axle, 3-tank wagons with discharge at the end of the wagon



A) LOADING

1. Set all valves to „CLOSED” position
2. Open air-release valve „3”
3. Open loading hole
4. After loading close air-release valve „3” and loading hole

B) UNLOADING

1. Set all valves to „CLOSED” position
2. Connect air supply to „1” or „2” and material pipe to „5”. When unloading all tanks simultaneously both air supply „1” and „2” have to be connected.
3. Starting compressor. Check water separator of compressor to avoid any water entry to tanks.
4. Open valve „10” water separator
5. Open bottom air supply „7”
If the manometer shows 2,5 bar pressure:
6. Open material valve from „5” Closed to „4” Open
7. Open upper air supply „8”. Regulate material flow by valves „7”, „8” and „4”
8. Open injecting air supply „9” with regard to the unloading distance
9. At 0 bar pressure finish unloading:
10. Open injecting air supply „9” to allow all remaining material to leave the tank
11. Close injecting air supply „9” completely

C) UNLOADING NEXT TANK

1. Repeat steps B)

D) INTERRUPTION OF UNLOADING

1. Open injecting air supply „9” to allow all remaining material to leave the tank
2. Close material flow valve „4”
3. Close upper and bottom air supply valve „7” and „8”
4. Stop air supply (Stop compressor or close valve)
5. When the manometer shows 0 bar pressure close air injection valve „9”
6. Open air-release valve „3” until there is any pressure in the tank
7. Replace plastic caps to air supply „1”, „2” and material coupling „5” if needed

E) UNLOADING RESIDUAL MATERIAL

Repeat steps 1-11. from article B)

F) IN CASE OF MALFUNCTIONS DURING UNLOADING

1. Stop air supply (Stop compressor or close valve)
2. Open air-release valve „3” until there is any pressure in the tank
3. Upper („8”), bottom („7”) and injecting („9”) air-supply valves are still open! The pipes can not be disconnected. The loading hole may only be opened if the manometer shows 0 bar pressure.

G) AFTER COMPLETION OF THE UNLOADING

1. After unloading all loading holes and plastic caps have to be cleaned and closed.
2. The tank walls may only be hit by using a rubber hammer.
3. The regular cleaning of the gaskets and caps are necessary for flawless operation.

In case of any malfunction, the Keeper of the wagon has to be notified immediately (Pultrans Kft. Tel: (36) - 1 - 368-9614; Fax: (36) - 1 - 250-6897; Email: ecm@pultrans.hu) via telephone, fax or email.