

# **Tygard Claw Operators Manual**

---

## **Standard Operation Procedures**

The Tygard Claw is an ergonomically friendly forklift attachment that reduces repetitive motions that cause injuries to workers.

All activities regarding the Tygard Claw run in accordance with the guidelines set forth by the forklift company that the claw is attached and the rules that govern the warehouse, plant and/or docks where the claw operates on.

Only qualified forklift operators should be trained to operate the Tygard Claw.

### ***The Claw in Action***

- 1) Do not operate the Claw outside of the designated rail system.**
  - 2) Before use the Claw operator should examine the Claw for leaks, damage and any other abnormalities.**
  - 3) Operators will determine the order/ amount of layers that they desire to pick and proceed to the corresponding pallet.**
  - 4) Once located directly over the load to be picked the operator should, open the Claw completely by actuating the corresponding hydraulic lever. The Claw will quickly open completely.**
  - 5) The operator should then check to see if the claw is level. If it is not level the operator should simply adjust the forklift tilt by actuating the corresponding hydraulic lever.**
  - 6) With the Claw level and above the load the operator should, position the Claw so that it fits neatly around all four sides of the pallet that is to be picked.**
  - 7) With the Claw in correct position the operator should, select the correct pressure setting for the desired pick. The Claw comes equipped with a low and a high pressure setting. The type and amount of product to be picked will determine the setting. The operator should begin with the low setting until it is determined that the higher setting is needed.**
    - x Check Tygard Claw owner's manual for correct pressure settings.**
-

- 8) With the Tygard Claw opened, positioned squarely above the pallet and with the correct pressure setting chosen, the operator should, **ease the Claw downward until the bottom of the Tygard Claw pads are positioned at the very bottom of the layer that is to be picked. See diagrams below.**  
x **The Claw operates best when positioned squarely at the very bottom of the desired pick**
  - 9) With the Claw Square and level at the lowest possible point on all four sides of the product the operator should, **give one long steady pull to the hydraulic lever that actuates the Claw.**  
x **The Claw will only close until the chosen pressure setting has been reached.**
  - 10) With the Claw in proper position at the bottom of the cases and with the correct pressure applied, the operator should, **securely raise the Claw and the product inside straight up and directly above the now picked pallet. See diagram below.**  
x **\*Note- when lifting the operator should focus on the center of the pallet as product that is improperly picked will fall from the center. If the center of the load remains secure the operator has a solid pick.**
  - 11) With the product securely gripped and raised above all the pallets on the line the operator should, **drive the forklift without steering to the designated drop off location.**
  - 12) Once squarely positioned above the drop off location the operator should, **lower the Claw and secured load to within an inch of the designated drop off location.**  
**\*DO NOT push the product and claw onto the pallet or load, See Diagram**
  - 13) Once positioned slightly above the drop off location (approximately 1 inch) the operator should, **open the Claw by applying pressure to the corresponding hydraulic lever. The operator should hold the lever until the claw has opened completely. The opened claw will allow the product to neatly drop into proper position on its new pallet.**
  - 14) With the Claw opened completely the load been neatly dropped into proper position the operator should, **raise the Claw over the new load allowing the bottom of the pads to clear the top of the pallet.**
  - 15) **Once above the load the operator can move onto their next pick and begin these procedures over again.**
-

**Also Remember**

- Do not steer the forklift when operating in a rail system.**
- Always pick product at the lowest possible point.**
- Avoid slamming the Tygard Claw onto the floor and rail.**
- Do Not attempt to pick items that the Claw is not designed to pick (i.e. barrels, unconforming pallets, loose packaging, etc.)**
- Avoid all turns, and sudden stops.**
- Take your time and be safe.**

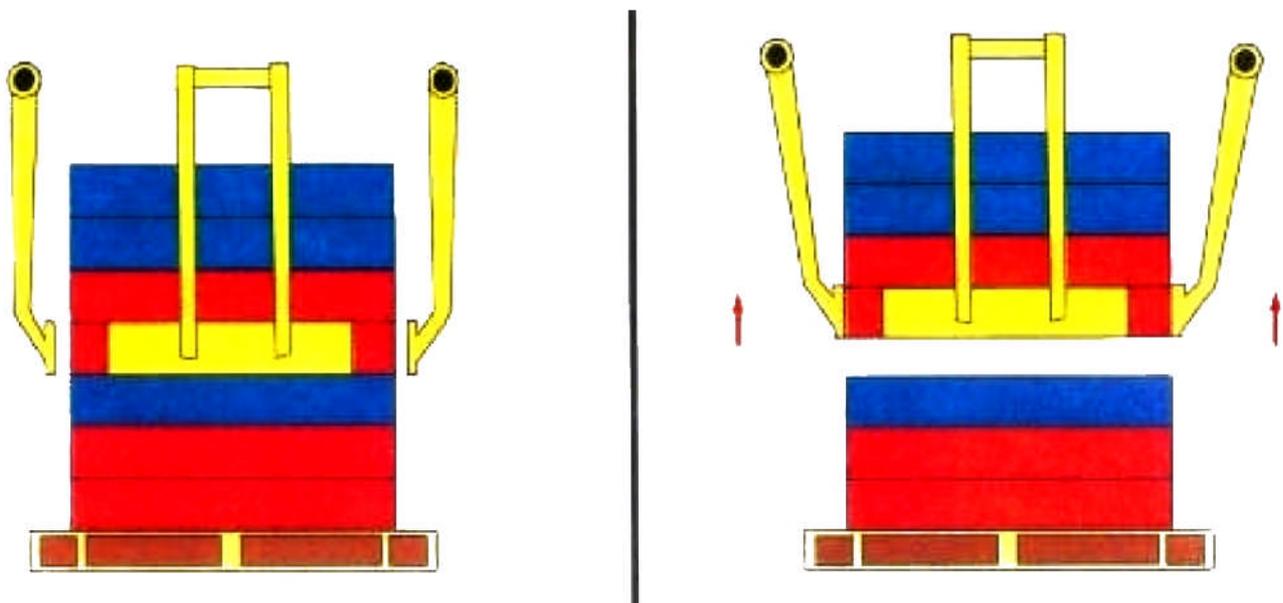
**If you have any questions or problems, please contact a supervisor.**

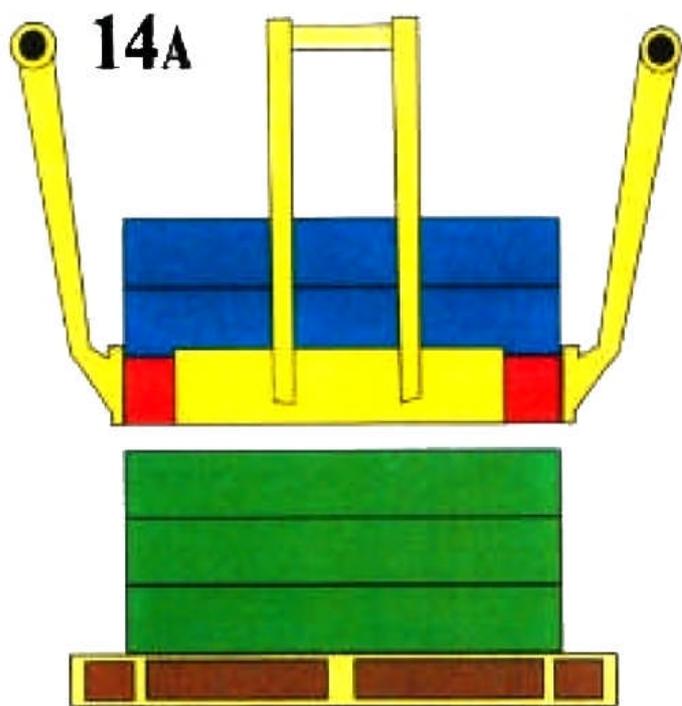
Tygard Machine & Manufacturing Inc.  
300 Meadowlands Blvd.  
Washington P.A. 15301  
724-746-4500  
[www.tygardclaw.com](http://www.tygardclaw.com)

## 9. Correct Pressure Setting

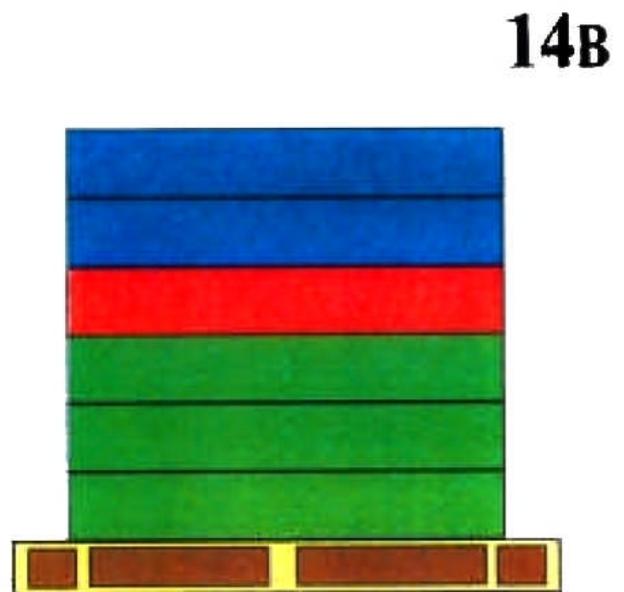


## 10. Correct Position for Lift





**Position Clawed Load**  
**Approx. 1 inch Above**  
**the Drop Off Pallet**  
**& open Claw allowing**  
**the picked product**  
**to drop neatly into**  
**position on the**  
**new mixed pallet.**



**DO NOT PUSH**  
**CLAWED LOAD ONTO**  
**THE DROP PALLET**

