

Basic Information

- PPE – Turnouts or Jumpsuits, gloves, steel-toed boots, helmet and eye protection.
- Lifting/Lowering should be slow, controlled, methodical and clearly commanded.
- Stabilize the load before applying force
- It is essential to crib as you lift or lower. Maintain the smallest gap possible between cribbing and the load. Lift an Inch, crib an Inch
- Ensure that the contact point(s) of the cribbing form a supporting column beneath a strong point of the load

NT-23 Small Bag (2)

- Max working pressure = 145 psi
- Max lifting capacity = 50,600 lbs
- Max lifting height = 10.8”
- Max air contents = 64 gallons



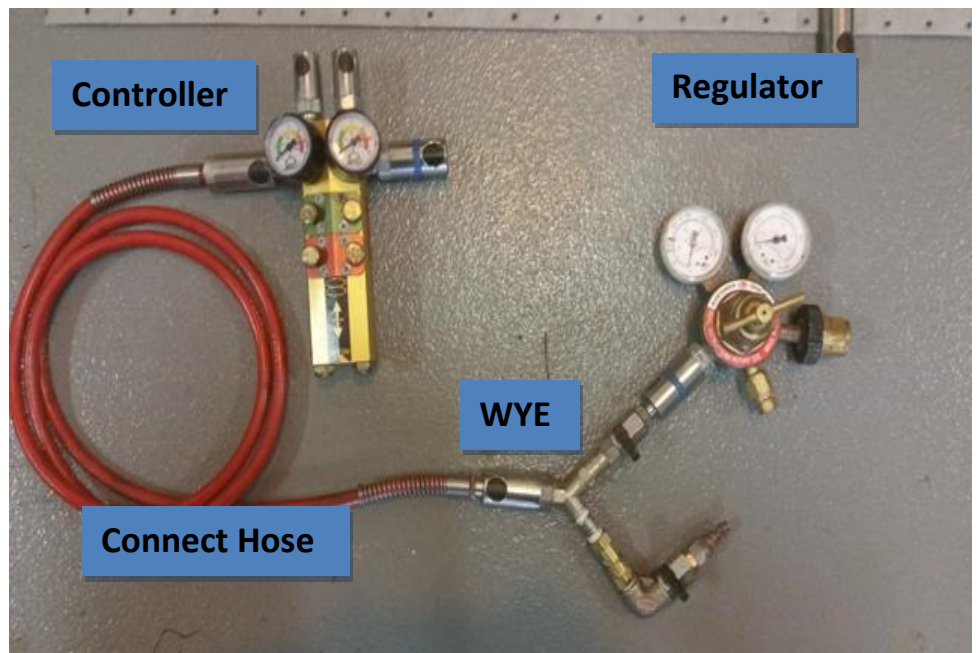
NT-58 Large Bag (2)

- Max working pressure = 145 psi
- Max lifting capacity = 127,900 lbs
- Max lifting height = 17.5”
- Max air contents = 288 gallons



Airbag Setup

- Green/Red regulator supply hose has different sized fittings (Larger) than the delivery hoses
- Wye used as a connection to 2 different air sources. One is from the regulator and the other can be from an air supply (cascade system)
- Shut-off hoses are stored attached to delivery hoses.
- Be sure you hear/feel **2 clicks** when making hose couplings
- Maximum operating pressure is 145 psi. Full pressure is needed for height and lift to reach capacity



To Regulator



To Cascade/Air Source

WYE

To Controller

Bag Placement and Stacking

- Maximum of 3 bags may be stacked
- Bags **must** be attached with a double male connector
- Always place the bags so that the force of the load is centered on the bag
- Always place the Point load plate on the load side



Lifting

- The top bag should be fully inflated before the bottom bag is inflated
- Deflate starting with the bottom bag of the stack
- While lifting the top plate **must not** bend outside the original lifting column
- Realize there is a maximum height you can lift following the curve defined by the radius from the hinge point to the bags:
 - A platform can be built to raise the bags or;
 - The bags can move further under the load to decrease the height of the lift



ACCESSORIES:

Double Male Connector Plug

Plate Plug

Plug Key Wrench



Point-load Plates

4 Delivery Hoses with Shut-off Hoses

Handheld Controllers

Paratech Air Bags:

- Max working pressure = 150 psi
- Max lifting capacity = 7000 lbs
- Max lifting height = 3.5"
- Best use for Farm equipment and industrial machines

- All the same lifting information from above applies to these bags as well.
- The bags can be stacked on top of each other.
- The connection fittings are different – We do have adapters from Res-Q-Tek to Paratech.
- (Located in the Regulators and NxG2 Adapters Bag on R-588).



Items in the Kit

- 2-Air Bags
- 2-Fill Hoses
- Regulator
- Controller with Supply hose
- Shut off valve



Air Bottle Connection:

Option 1

- 3 bottles on R-588 have just a threading and shut off known as a CGA valve.

Just connect the regulator to the threading and turn on bottle



Option 2

- All other bottles are called Nex-Gen valves. Has the fill threading, supply connection and shut off.
- Connect adapter to supply connection
- Connect regulator to the adapter.
- 2 adapters on R-588 stored in a black bag with regulators to run regular air tools.

